



## **RFQ NO. 2025-007 Continuing Engineering Consulting Services - Utilities**



**Submitted by:**



**December 6, 2024**

**City of Delray Beach**

Continuing Engineering Consulting Services MK00117

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# Chapter 1: Letter of Intent



December 6, 2024

Eugene Bitteker  
Chief Procurement Officer  
City of Delray Beach  
100 NW 1st Avenue  
Delray Beach, FL 33444

**Subject: *City of Delray Beach - RFQ No. 2025-007 Continuing Engineering Consulting Services - Utilities***

Dear Mr. Bitteker:

Baxter & Woodman is excited to continue its long-standing relationship with the City of Delray Beach, offering innovative and effective engineering solutions supported by our expertise, commitment, and deep understanding of the City's utility systems to confirm resilient, long-term infrastructure success. We are eager to pursue the "**Wastewater Pump Station and Underground Pipeline Design Services**" category and look forward to the opportunity to contribute to these projects. The City will benefit from our:

**COMPREHENSIVE, LOCAL EXPERTISE:** Baxter & Woodman brings extensive experience in all aspects of utility design of new, and evaluation and rehabilitation of existing wastewater pumping stations, gravity sewer collection and force main transmission systems, raw, potable, and reclaim water distribution systems. Our team, based in the region, has a strong understanding of Delray Beach's unique infrastructure challenges and opportunities, enabling us to quickly identify potential issues and develop streamlined solutions tailored to your needs.

**EXPERIENCED PROJECT MANAGER:** Sira "Jockey" Prinyavivatkul, PE, Baxter & Woodman's Water and Wastewater Department Manager for the Florida Division, brings over 24 years of experience in civil engineering, with expertise in designing water and wastewater infrastructure, including lift stations, sanitary sewer systems, stormwater management, potable water, and reclaim water projects. Jockey has a proven track record of successfully managing complex projects, ensuring they are completed on schedule, within budget, and to the highest quality standards. His broad experience also includes engineering design, permitting, bidding, construction management, and observation for roadway, pavement, culvert, pressure pipe, pump station, and levee inspection projects. Jockey's deep knowledge of utility systems and the City's infrastructure needs makes him uniquely qualified to lead projects in Delray Beach.

We look forward to continuing our successful partnership with the City of Delray Beach and contributing to the success of your upcoming projects. Please contact Jockey at [sprinyavivatkul@baxterwoodman.com](mailto:sprinyavivatkul@baxterwoodman.com) or (561) 425-7718 if you have any questions.

Sincerely,

BAXTER & WOODMAN, INC.  
CONSULTING ENGINEERS



Derek Wold PE, BCEE  
Executive Vice President

JP:he

City of Delray Beach  
RFQ No. 2025-007  
CONTINUING ENGINEERING CONSULTING SERVICES- UTILITIES

**PROPOSAL SUBMITTAL SIGNATURE PAGE**

By signing this Proposal, the Proposer certifies that it satisfies all legal requirements as an entity to do business with the City, including all Conflict of Interest and Code of Ethics provisions.

Submitting for the following category: (Circle Only One)

1. Water Treatment Design Services  
 2. Wastewater Pump Station and Underground Pipeline Design Services

---

Firm Name:

Baxter & Woodman, Inc.

---

Street Address:

1601 Forum Place, Suite 400, West Palm Beach, FL 33401

---

Mailing Address (if different from Street Address):

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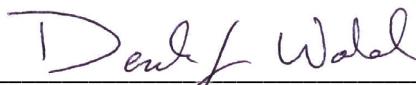
Telephone Number(s): 561-655-6175

Fax Number(s): 815-455-0450

Email Address: marketing@baxterwoodman.com

Federal Employer Identification Number: 36-2845242

Signature:



(Signature of authorized agent)

Print Name: Derek J. Wold, PE, BCEE

Title: Executive Vice President

Date: 12/4/2024

By signing this document, the Proposer agrees to all terms and conditions of this Solicitation and the resulting contract/agreement.

**THE EXECUTION OF THIS FORM CONSTITUTES THE UNEQUIVOCAL OFFER OF Proposer TO BE BOUND BY THE TERMS OF ITS PROPOSAL, FOR NOT LESS THAN 120 DAYS, AND THE Proposer's UNEQUIVOCAL OFFER TO BE BOUND BY THE TERMS AND CONDITIONS SET FORTH IN THIS SOLICITATION. FAILURE TO SIGN THIS SOLICITATION WHERE INDICATED ABOVE, BY AN AUTHORIZED REPRESENTATIVE, SHALL RENDER THE PROPOSAL NON-RESPONSIVE. THE CITY MAY, HOWEVER, IN ITS SOLE DISCRETION, ACCEPT**



## Chapter 2: Proposer's Statement of Organization





## G. & H. Primary and Secondary Representative

Contact information for Baxter & Woodman's primary and secondary representatives



### Primary Representative: Sira "Jockey" Prinyavivatkul, PE

Department Manager Water/Wastewater Florida/Project Manager  
561-425-7718 | sprinyavivatkul@baxterwoodman.com  
1601 Forum Place Suite 400, West Palm Beach, FL 33401



### Secondary Representative: Erik Sanchez, PE

Water/Wastewater Department Manager/Senior Project Engineer  
281-569-0446 | esanchez@baxterwoodman.com  
200 E. Robinson Street, Suite 555, Orlando, FL 32801

## I. Board of Directors

### Executive Leadership

The firm is governed by a Board of Directors who are elected annually by the shareholders. In 2024, John Ambrose was named CEO and Louis Haussmann was named President and COO. Rebecca Travis provides local representation to the Executive Leadership by operating from the West Palm Beach Office.



**John V. Ambrose, PE**  
Chief Executive Officer  
Joined Baxter & Woodman in 1984



**Louis D. Haussmann, PE, PTOE, PTP**  
President & Chief Operating Officer  
Joined Baxter & Woodman in 1996



**Derek J. Wold, PE, BCEE**  
Executive Vice President  
Joined Baxter & Woodman in 1996



**Rebecca Travis, PE, ENV SP**  
Executive Vice President  
Florida Division Manager  
Joined Baxter & Woodman in 2016



**Sean E. O'Dell, PE**  
Executive Vice President  
Illinois Business Development Leader  
Illinois Water Vice President  
Joined Baxter & Woodman in 2002



**Michael A. Kurzy, PE**  
Executive Vice President  
Texas Water Leader  
Joined Baxter & Woodman in 2020



**Michael D. Klein, PE**  
Executive Vice President  
President of Concentric  
Joined Baxter & Woodman in 1999

## J. Claims, Disputes, and Litigations

As a large regional consulting engineering firm providing services in the states of Florida, Illinois, Wisconsin, and Texas, Baxter & Woodman, in the course of our business, occasionally becomes involved as a party in claims, disputes, or litigation. However, we can affirm that there is no pending or threatened claim, dispute, or litigation which could reasonably be anticipated to have an adverse impact on our financial or professional ability to perform the services contemplated by this proposal. Below is a list of litigations from the past five years.

Name and Location	Nature of Claim	Date of Claim	Resolution Date of Claim and How Resolved	Court Case; County; State	Active/Inactive
Anne W. Humbert vs. Oak Forest, Baxter & Woodman, Iroquois Paving Corporation, and Traffic Control Company	Personal injury.	2023	Case in discovery.	2023 L 007758H; Circuit Court, Cook County, IL	Active
John M. Hughes vs. Manusos General Contracting, Inc., Northwest Technical, Wunderlich-Malec Services, Baxter & Woodman, Inc., and Stantec Consulting Services, Inc.	Personal injury.	2023	Case in discovery.	2023 L 0035251; Circuit Court, Cook County, IL	Active
Steven W. Becker, Thomas J. Becker, and Jeffrey C. Becker vs. Possibility Place Nursery, Inc., Connor B. Shaw, Ill; Tristan Shaw; Kelsay Shaw; Shaw Family Dec Trust; Saw Family Trust; County of Will; Will County Land Use Department; Tim Mack; Greg Ratajczak; Brian Radner; Nicole Roedl, Scott Killinger; Baxter & Woodman, Inc.; Donald Wauthier; and Berns, Clancy and Associates, P.C.	Land dispute between two property owners.	2022	Baxter & Woodman submitted motion to dismiss.	22 CV 3875; United States District Court, Northern District of Illinois	Active
Cheryl Brown vs. Village of LaGrange, LaGrange Elementary School District 102, Board of Education of LaGrange School District 102, Commonwealth Edison Company d/b/a COMED, an Illinois corporation, Triggi Construction, Inc., Lindahl Brothers, Inc., and Baxter & Woodman, Inc.	Pedestrian tripped on sign post outside of right-of-way/on private property.	2022	<b>INACTIVE</b> - Settled 2024.	2021 L 007195; Circuit Court, Cook County, IL	Inactive
Charles McGill vs. Foster Marine; Baxter & Woodman	Pedestrian tripped over sand bags.	2022	<b>INACTIVE</b> - Settled 2023.	50-2022-CA-010273-XXXX-MB; Judicial Circuit Court of Palm Beach County, FL	Inactive
Raymond Miller vs. Len Cox & Sons; Baxter & Woodman; PT Ferro Co	Bicyclist fell in construction zone.	2020	<b>INACTIVE</b> - Settled 2023.	2018 L 3422, 12th Judicial Circuit Court of Will County, IL	Inactive
John Melone vs. Village of Glenview	Construction worker injury.	2019	<b>INACTIVE</b> - Claim was denied, plaintiff failed to refile the claim. Case closed August 2022	2019 L 006916, Circuit Court of Cook County, IL	Inactive
Linda Bruno-Coffman and Richard Coffman vs. Southeastern Engineering Contractors, Inc., Murphy Pipeline Contractors, and Baxter & Woodman	Pedestrian tripped along sidewalk in construction zone.	2019	<b>INACTIVE</b> - Settled January 2021	17th Judicial Circuit Court of Broward County, FL CACE-19-003469	Inactive

## K. Ownership Changes

### Mergers & Acquisitions

In the past two years, Baxter & Woodman, Inc. acquired Austin, TX-based engineering firm Green Civil Design, LLC in 2023. As of January 17, 2024, the firm is operating under the Baxter & Woodman, Inc. name.



## Chapter 3: Minimum Qualifications Documentation



## A. Experience

Baxter & Woodman is a professionally licensed engineering firm in Florida, with a resident office in Palm Beach County. With over 10 years of continuous practice in Southeast Florida, we have successfully provided wastewater and water utility consulting services for local governments. Our experience includes working with infrastructure similar in scope, size, and complexity to that of the City of Delray Beach.

Client	Project	Base Bid Was	Bid Opening Date
City of Boca Raton	Reclaimed Water Storage & Pumping Station	\$3,914,909	1/8/2009
City of Boca Raton	On-Site Reclaimed Water Pumping Facility	\$730,000	10/6/2009
City of Boca Raton	West Reclaimed Water Main Extension	\$1,577,425	2016
City of Delray Beach	Country Club Acres Infrastructure Imp.	\$1,377,027	6/21/2006
City of Delray Beach	Sea Sage Drive/Melaleuca Road/Oleander Lane	\$1,126,755	11/2/2006
City of Delray Beach	SW 12th/SW 11th Avenue Water Main	\$721,420	10/21/2004
City of Delray Beach	Venetian Drive Infrastructure Imp.	\$1,458,795	6/15/2000
City of Delray Beach	Area 1 Reclaimed Water System	\$1,312,100	10/28/2004
City of Delray Beach	Area 2 & 3 Reclaimed Water System	\$1,731,265	2/22/2005
City of Delray Beach	Area 11 Reclaimed Booster Pump Station	\$691,084	Feb-09
City of Delray Beach	SW 4th Street, SW 6th Street, SW 7th Avenue, and SW 3rd Court Neighborhood Improvements	\$5,648,785	10/4/2019
City of Delray Beach	Water Main Subaqueous Crossings	\$1,176,155	12/19/2019
City of Delray Beach	Reclaimed Water Expansion - Area 12C	\$4,146,271	11/1/2017
City of Delray Beach	Lake Ida Road Force Main Air Release Valve (ARV) Replacement	\$179,300	11/20/2018
City of Delray Beach	Osceola Park Neighborhood Improvements - Phase 1	\$4,056,327	11/26/2019
City of Delray Beach	Osceola Park Neighborhood Improvements - Phase 2	\$3,992,778	2/26/2021
City of Delray Beach	Alleyway Enhancement Project	\$791,445	2/14/2020
Florida Keys Aqueduct Authority	Duck Key Utility Relocations	\$1,207,400	4/6/2021
Town of Gulf Stream	State Road A1A Water Main Improvements P2	\$1,255,108	3/18/2020
Town of Highland Beach	Replacement of Water Distribution Lines - Phases 1 and 2	\$2,818,432	10/3/2016
Town of Highland Beach	A.1.A. Water Main Replacement	\$2,714,707	6/8/2009
Town of Lake Park / Seacoast Utility Authority	Lake Shore Drive Infrastructure Improvements	\$5,471,954	10/2/2020
City of Lake Worth Beach	2nd Avenue South Roadway Improvements	\$663,711	10/26/2017
City of Lake Worth Beach	Neighborhood Road Program - District 2, Year 2	\$1,997,734	1/9/2018
City of Lake Worth Beach	Neighborhood Road Program - District 2, Year 4	\$2,316,601	2/19/2020
Town of Lantana	Raw Water Supply Wells No. 11 and 12 - Contract No. 1	\$631,500	5/20/2009
Town of Lantana	S. Atlantic Drive Water Main Replacement	\$1,022,742	10/5/2017
Town of Lantana	Intracoastal Waterway Water Main Subaqueous Crossing	\$496,536	10/31/2017
Town of Lantana	S. Lake Drive Force Main & Stormwater Improvements / S. 13th Place Water Main Replacement	\$1,075,015	4/19/2018
Loxahatchee River District	Jupiter Farms Elementary Sanitary Sewer System	\$1,089,490	12/5/2018
Loxahatchee River District	Olympus Drive Force Main & Low-Pressure Sewer Replacement	\$483,200	12/17/2020
Loxahatchee River District	IQ-511 Pump Station Piping Improvements	\$515,850	1/21/2021
Loxahatchee River District	South Seabrook Road Sewer System	\$1,494,589	9/6/2002
Loxahatchee River District	Tidewater Drive Sewer System	\$274,156	6/12/2008
Loxahatchee River District	Jupiter Highlands Low Pressure System	\$245,018	11/10/2009
Palm Beach County Water Utility Department	Improvements to Master Repump Station 9-North	\$3,127,777	3/25/2021
Palm Beach County Water Utility Department	Improvements to Lift Station 393, 1023, and 8168	\$1,297,650	3/10/2021

## B. Authorization to do Business in the State of Florida

Baxter & Woodman has been authorized to do business in the State of Florida for a minimum of five years.



[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Search by Entity Name](#) /

<a href="#">Previous On List</a>	<a href="#">Next On List</a>	<a href="#">Return to List</a>	<input type="text" value="baxter and woodman"/>	<input type="button" value="Search"/>
<a href="#">Levin's</a>		<a href="#">No Name History</a>		
<b>Detail by Entity Name</b>				
Foreign Profit Corporation				
BAXTER & WOODMAN, INC.				
<b>Filing Information</b>				
Document Number	I 10000002059			
FEIN/EIN Number	35-2815212			
Date Filed	05/02/2016			
State	II			

## C. Valid Licenses - Copies

Baxter & Woodman holds current licenses to provide engineering services, our sub consultants Electrical Design Associates and WIRX Engineering are licensed to provide electrical engineering and geotechnical engineering services respectively. Ritzel-Mason is licensed to provide survey and subsurface engineering services and V&A Consulting Engineering is licensed to provide engineering services with respect to odor control and utility condition assessments.

## Company Licenses - Baxter & Woodman

THE OFFICIAL SITE OF THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION

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LICENSEE DETAILS

Licensee Information

Name: BAXTER & WOODMAN, INC. (Primary Name)  
Main Address: 8678 RIDGEFIELD ROAD  
CRYSTAL LAKE, Illinois 60012  
County: OUT OF STATE

11:55:46 AM 5/2/2024

License Information

License Type: Engineering Business Registry  
Registry  
License Number: 31795  
Status: Current  
Licensure Date: 08/11/2016  
Expires:

Special Qualifications

Qualification Effective

Alternate Names

View Related License Information  
View License Complaint

### 2024 FOREIGN PROFIT CORPORATION ANNUAL REPORT

DOCUMENT# F16000002059

Entity Name: BAXTER & WOODMAN, INC.

Current Principal Place of Business:

8678 RIDGEFIELD ROAD  
CRYSTAL LAKE, IL 60012

FILED

Feb 06, 2024  
Secretary of State  
6751680858CC

Certificate of Status Desired: Yes

Name and Address of Current Registered Agent:

AMBROSE, JOHN V  
1601 FORUM PLACE  
SUITE 400  
WEST PALM BEACH, FL 33401 US

The above named entity submits this statement for the purpose of changing its registered office or registered agent, or both, in the State of Florida.

SIGNATURE:

Electronic Signature of Registered Agent

Date

#### Officer/Director Detail :

Title: CHAIRMAN/CEO	Title: VC, VP, TREASURER
Name: AMBROSE, JOHN V	Name: HAUSMANN, LOUIS D
Address: [REDACTED]	Address: [REDACTED]
City-State-Zip: [REDACTED]	City-State-Zip: [REDACTED]
Title: DIRECTOR/VICE PRESIDENT	Title: DEPUTY SECRETARY
Name: WOLD, DEREK J	Name: BIANCHIN, ANTHONY E
Address: [REDACTED]	Address: [REDACTED]
City-State-Zip: [REDACTED]	City-State-Zip: [REDACTED]
Title: DEPUTY SECRETARY, VP	Title: DEPUTY SECRETARY
Name: TRAVIS, MARY REBECCA	Name: DACHSTEINER, MARK L
Address: [REDACTED]	Address: [REDACTED]
City-State-Zip: [REDACTED]	City-State-Zip: [REDACTED]
Title: DEPUTY SECRETARY	Title: VP, DEPUTY SECRETARY
Name: HISCOCK, JEFFREY	Name: CASSAGNOL, CLAUDE L
Address: [REDACTED]	Address: [REDACTED]
City-State-Zip: [REDACTED]	City-State-Zip: [REDACTED]
Title: ASSOCIATE VICE PRESIDENT	Title: BOARD MEMBER, VP
Name: HISCOCK, JEFFREY	Name: O'DELL, SEAN
Address: [REDACTED]	Address: [REDACTED]
City-State-Zip: [REDACTED]	City-State-Zip: [REDACTED]
Title: VP, BOARD MEMBER	
Name: KURZY, MICHAEL	
Address: [REDACTED]	
City-State-Zip: [REDACTED]	

## State of Florida Department of State

I certify from the records of this office that BAXTER & WOODMAN, INC. is an Illinois corporation authorized to transact business in the State of Florida, qualified on May 2, 2016.

The document number of this corporation is F16000002059.

I further certify that said corporation has paid all fees due this office through December 31, 2024, that its most recent annual report/uniform business report was filed on February 6, 2024, 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 Sixth day of February, 2024



  
Anne M. Cannon  
Secretary of State

Tracking Number: 6751680858CC

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

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



ANNE M. CANNON  
CASHIER, INTERNAL TAX COLLECTOR  
Serving Palm Beach County  
Secretary of State

P.O. Box 3353, West Palm Beach, FL 33402-3353  
www.pbtax.com Tel: (561) 355-2264

"LOCATED AT"  
1601 FORUM PLACE STE 400  
WEST PALM BEACH, FL 33401

This document is valid only when received by the Tax Collector's Office.

TYPE OF BUSINESS	OWNER	GEREFICATION #	RECEIPT #/DATE PAID	ADT PAGE	SL #
ENCLER BUSINESS	BAXTER & WOODMAN INC	X1182	104-32171-10017024	292	6751680858CC

STATE OF FLORIDA  
PALM BEACH COUNTY  
2024 / 2025 LOCAL BUSINESS TAX RECEIPT  
LBTR Number: 201013061  
EXPIRES: 09/30/2025

This receipt MUST be conspicuously displayed at the place of business and in such a manner as to be open to the view of the public.

## Company Licenses - Electrical Design Associates, Inc. (EDA)

THE OFFICIAL SITE OF THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION

 Department of Business & Professional Regulation

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**LICENSEE DETAILS**

5:12:52 PM 8/28/2024

**Licensee Information**

Name:	ELECTRICAL DESIGN ASSOCIATES, INC. (Primary Name)
Main Address:	7284 WEST PALMETTO PARK ROAD SUITE 302-S BOCA RATON Florida 33433
County:	PALM BEACH

**License Information**

License Type:	Engineering Business Registry
Rank:	8079
License Number:	8079
Status:	Current
Licensure Date:	11/23/1998
Expires:	



## Company Licenses - WIRX Engineering, LLC



May 31, 2023

WIRX Engineering, LLC  
Attn: Gregory Stelmack, P.E., Managing Partner  
515 E. Las Olas Boulevard, Suite 120  
Fort Lauderdale, Florida 33301

**RE: CONSULTANT CERTIFICATION WITH PALM BEACH COUNTY**

Dear Mr. Stelmack:

Enclosed please find your Notice of Professional Consultant Certification with Palm Beach County.

Notice of certification is not a notice of selection and not a guarantee to be selected. Selection for contracts shall be based on a variety of criteria as outlined in the Countywide Policy & Procedure Manual #CW-O-048 available at <http://www.pbcgov.com/publicaffairs/pomp/pdf/cw-o-048.pdf>. CCNA certification is only one of these requirements.

Qualification data must be updated, when conditions are altered to either increase or reduce the Consultants capabilities, and/or when requested by the Department.

You are required to report changes of address and any significant changes to your manpower, capabilities, or work category qualifications, and provide us with copies of license renewals (corporate/professional).

We request that firms resubmit their CCNA certification package every three years to keep records current. The application forms and instructions can be found at <http://discover.pbcgov.org/engineering/roadwayproduction/Pages/CCNA.aspx>.

To receive notices of new Requests for Proposals to provide professional services to Palm Beach County, your firm can register with the County's Vendor Self Service (VSS) database and select commodity codes at <https://pbcvss.pbcgov.org>.

Should you have any questions please contact me at (561) 684-4122.

Sincerely,

  
Holly B. Knight, P.E.  
Contracts Section Manager

Enclosure: Notice of Professional Consultant Certification

<https://pbcvss.pbcgov.org> CERTIFIED FMS/ValueWIRX Engineering, LLC/WIRX Engineering, LLC\_CCNA Certification  
Letter 05-26-2023.docx

## State of Florida Department of State

I certify from the records of this office that WIRX ENGINEERING LLC is a limited liability company organized under the laws of the State of Florida, filed on November 7, 2017, effective January 1, 2018.

The document number of this limited liability company is L17000229939.

I further certify that said limited liability company has paid all fees due this office through December 31, 2024, that its most recent annual report was filed on April 21, 2024, 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 Twenty-third day of April, 2024



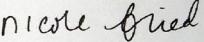
  
Secretary of State

Tracking Number: 5087358590U

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.  
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## Company Licenses - Ritzel-Mason, Inc.

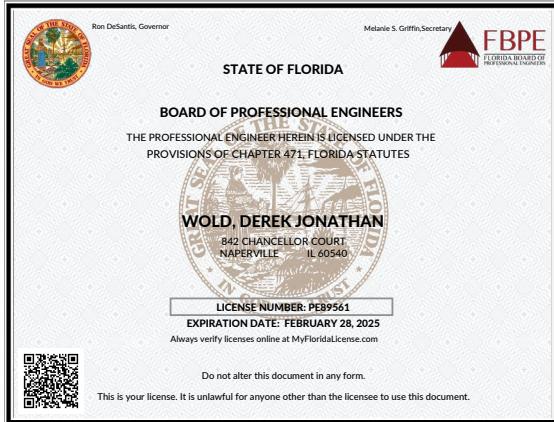
	<p>Florida Department of Agriculture and Consumer Services Division of Consumer Services Board of Professional Surveyors and Mappers 2005 Apalachee Pkwy Tallahassee, Florida 32399-6500</p>	<p>License No.: <b>LB8265</b> Expiration Date February 28, 2025</p>
<p><b>Professional Surveyor and Mapper Business License</b> Under the provisions of Chapter 472, Florida Statutes</p>		
<p>RITZEL-MASON, INC. 5119 BEECHWOOD RD DELRAY BEACH, FL 33484-1345</p>		
<p>NICOLE "NIKKI" FRIED COMMISSIONER OF AGRICULTURE</p>		
<p>This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.</p>		

## Company Licenses - V&A Consulting Engineers, Inc.

LICENSEE DETAILS		8:13:47 AM 5/22/2024
Licensee Information		
Name:	V&A CONSULTING ENGINEERS, INC. (Primary Name)	
Main Address:	8600 HIDDEN RIVER PARKWAY SUITE 550 TAMPA Florida 33637	
County:	HILLSBOROUGH	
License Mailing:	8600 HIDDEN RIVER PARKWAY SUITE 550 TAMPA FL 33637	
County:	HILLSBOROUGH	
License Information		
License Type:	Engineering Business Registry	
Rank:	Registry	
License Number:	33080	
Status:	Current	
Licensure Date:	04/04/2019	
Expires:		

# Personnel Licenses - Baxter & Woodman, Inc.

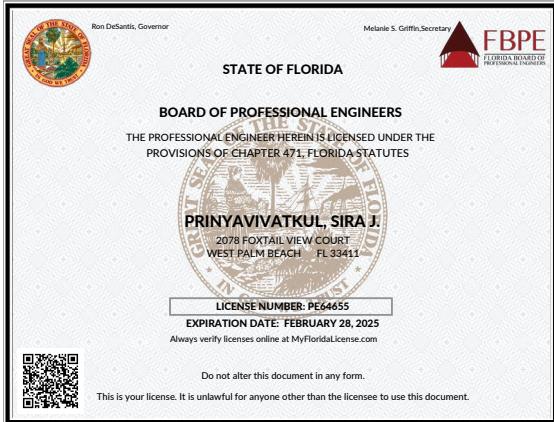
## Principal-in-Charge - Derek Wold PE, BCEE



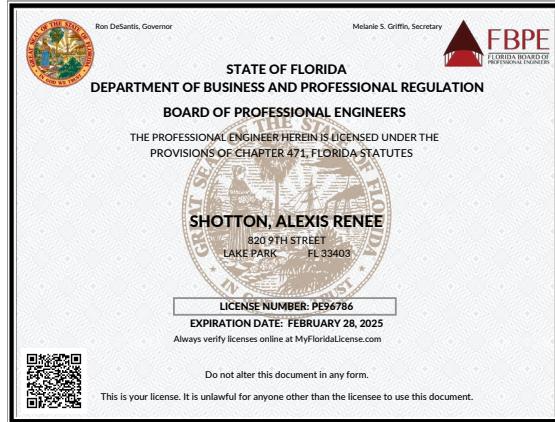
## Project Engineer - Jake Hurley, PE



## Project Manager - Sira "Jockey" Prinyavivatkul, PE



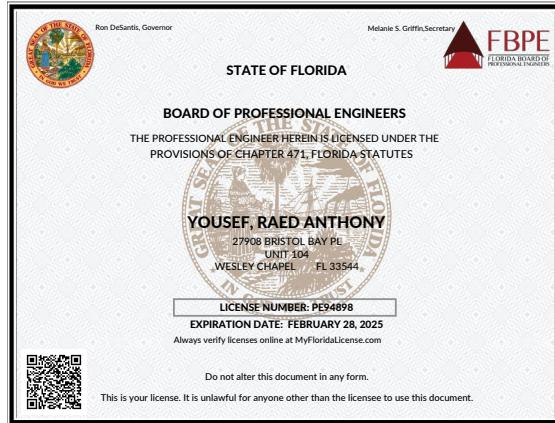
## Project Engineer - Alexis Shotton, PE



## Senior Project Engineer - Erik Sanchez, PE

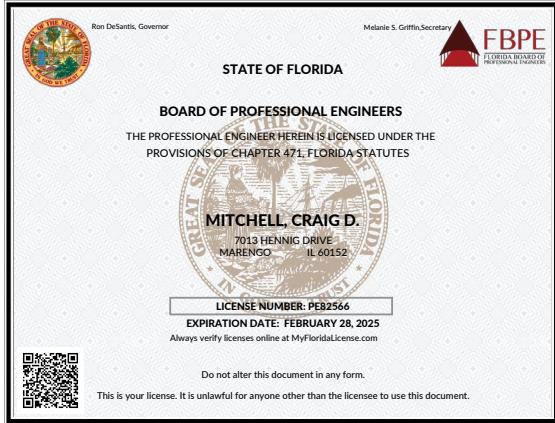


## Project Engineer - Raed Yousef, PE



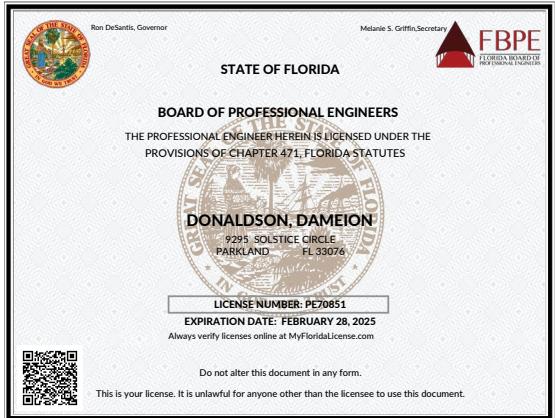
## Personnel Licenses - Baxter & Woodman, Inc.

### Construction Manager - Craig Mitchell, PE



## Personnel Licenses - Electrical Design Associates, Inc. (EDA)

### Dameion Donaldson, PE



## Personnel Licenses - WIRX Engineering, LLC

### Andrew Nixon, PE



## Personnel Licenses - Ritzel-Mason, Inc.

**Dennis Ritzel, PSM**



Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Parkway Tallahassee, Florida 32399-6500  
800HELPFLA(433-7352) or (850) 488-2221

February 14, 2023

DENNIS ALEXANDER RITZEL  
2007 RESTON CIR  
ROYAL PALM BEACH, FL 33411-6109

SUBJECT: Professional Surveyor and Mapper License # LS6953  
Your application / renewal as a professional surveyor and mapper  
as required by Chapter 472, Florida Statutes, has been received and  
processed.

The license appears below and is valid through February 28, 2025.  
You are required to keep your information with the Board current.  
Please visit our website at [www.B00Bpfa.com/pa](http://www.B00Bpfa.com/pa) to create your  
online account. If you have already created your online account, you  
can use the website to maintain your license. You can also find other  
information on the website.

If you have any questions, please do not hesitate to call the Division  
of Consumer Services, Board of Professional Surveyors and Mappers  
at 800-435-7352 or 850-488-2221.

LS6953  
Professional Surveyor and Mapper  
DENNIS ALEXANDER RITZEL  
IS LICENSED under the provisions of Ch. 472 FS  
Expiration date: February 28, 2025

## Personnel Licenses - V&A Consulting Engineers, Inc.

**David Hunniford, PE**



## **D. Conflict of Interests in Relation to this RFQ**

Baxter & Woodman has no reported conflict of interests in relation to this RFQ.

## **E. GSA Standard Form 330 - Engineer Qualifications**

Please see the following pages for the GSA Standard Form 330.

## PART I - CONTRACT-SPECIFIC QUALIFICATIONS

## A. CONTRACT INFORMATION

## 1. TITLE AND LOCATION (CITY AND STATE)

Baxter &amp; Woodman, Inc.

## 2. PUBLIC NOTICE DATE

October 19, 2024

## 3. SOLICITATION OR PROJECT NUMBER

RFQ No. 2025-007

## B. ARCHITECT-ENGINEER POINT OF CONTACT

## 4. NAME AND TITLE

Derek Wold, PE, BCEE | Executive Vice President

## 5. NAME OF FIRM

Baxter &amp; Woodman, Inc.

## 6. TELEPHONE NUMBER

(815)-444-3335

## 7. FAX NUMBER

N/A

## 8. EMAIL ADDRESS

[dwold@baxterwoodman.com](mailto:dwold@baxterwoodman.com)

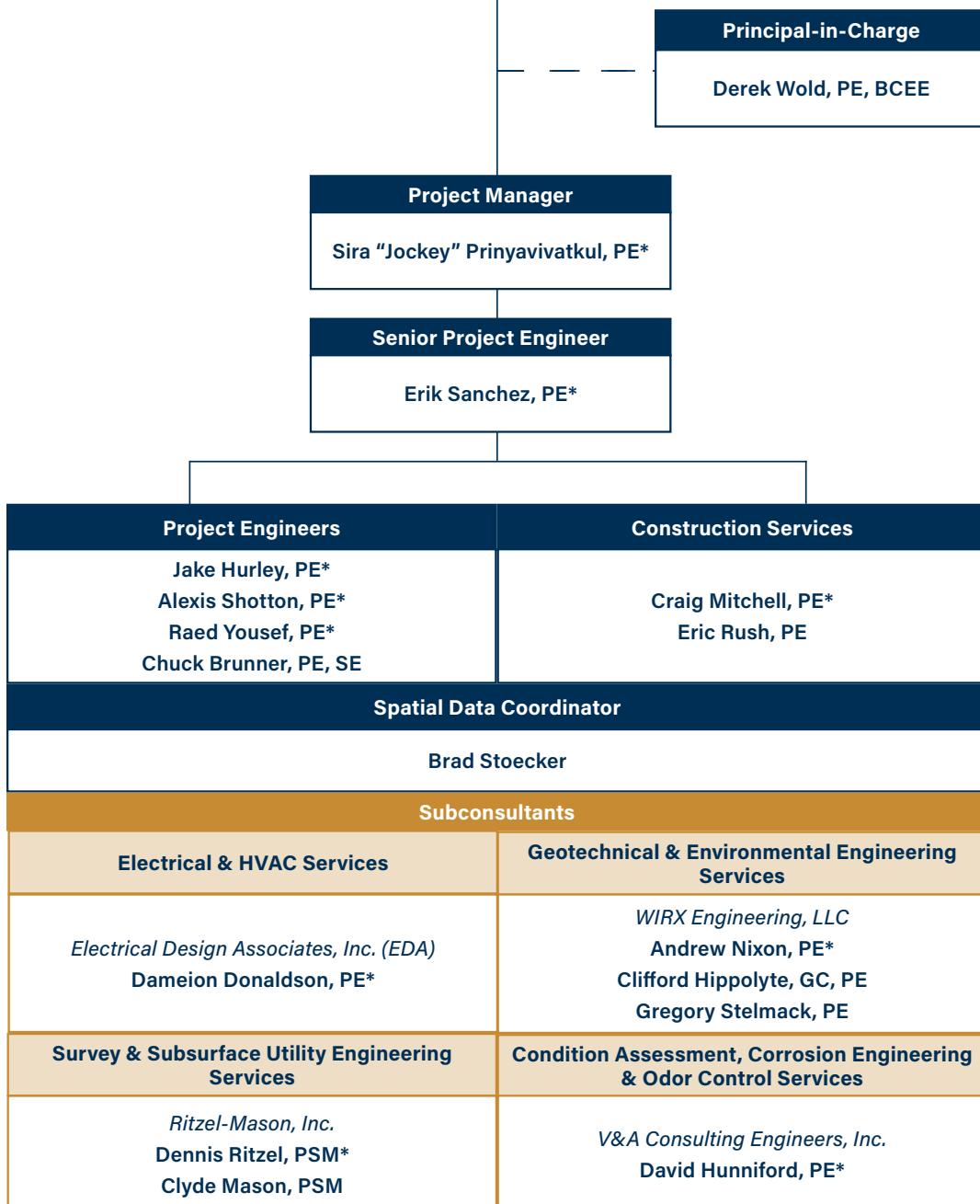
## C. PROPOSED TEAM

*(Complete this section for the prime contractor and all key subcontractors.)*

	PRIME	J-V PARTNER	SUBCON- TRACTOR	9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
a.	✓			Baxter & Woodman, Inc.  <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	1601 Forum Place Suite 400, West Palm Beach, FL 33401	Project Management, Pump Station, Wastewater Collection and Transmission, Raw, Reclaim, and Potable Water Distribution Engineering, Permitting, Bidding, Construction Management, and Resident Project Representative Services.
b.			✓	Electrical Design Associates, Inc.  <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	7284 West Palmetto Park Rd. Suite 302-S, Boca Raton, FL 33433	Electrical, Instrumentation and Controls, and Heating, Ventilation and Air Condition Services.
c.			✓	WIRX Engineering, LLC  <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	515 E. Las Olas Blvd., 120 Fort Lauderdale, FL 33301	Geotechnical and Environmental Engineering Services.
d.			✓	Ritzel-Mason, Inc.  <input type="checkbox"/> CHECK IF BRANCH OFFICE	5119 Beechwood Rd. Delray Beach, FL 33484	Survey and Subsurface Utility Engineering
e.			✓	V&A Consulting Engineers, Inc.  <input type="checkbox"/> CHECK IF BRANCH OFFICE	8600 Hidden River Parkway, Suite 550 Tampa, FL 33637	Infrastructure Condition Assessments, Flow Monitoring, Corrosion and Odor Control Engineering Services.
d.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		



\* Key Personnel



## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person)*

12. NAME  Sira "Jockey" Prinyavivatkul, PE	13. ROLE IN THIS CONTRACT  Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 24	b. WITH CURRENT FIRM 5

15. FIRM NAME AND LOCATION (*City and State*)

Baxter & Woodman, Inc. - West Palm Beach, FL

16. EDUCATION ( <i>Degree and Specialization</i> )  B.S. Ocean Engineering, Florida Atlantic University, 2002	17. CURRENT PROFESSIONAL REGISTRATION ( <i>State and Discipline</i> )  Licensed Professional Engineer: Florida
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18. OTHER PROFESSIONAL QUALIFICATIONS (*Publications, Organizations, Training, Awards, etc.*)

Associations: American Society of Civil Engineers (ASCE), Water Environment Federation (WEF)

## 19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION ( <i>City and State</i> )  Lift Station 179 Rehabilitation Boca Raton, FL	(2) YEAR COMPLETED  PROFESSIONAL SERVICES      CONSTRUCTION ( <i>If applicable</i> )  2023                              2023	
	(3) BRIEF DESCRIPTION ( <i>Brief scope size, cost, etc.</i> ) AND SPECIFIC ROLE  Project Manager for the data collection, engineering design, and permitting services related to the replacement of Lift Station 179. Design included the development of a preliminary design report identifying future projected wastewater flows and the design of a lift station to replace an aging and under capacity lift station. A 400+ linear foot horizontal directional drilled 10" HDPE force main was designed across the intersection of Congress Avenue and NW Broken Sound Parkway. Construction Cost: \$1.4M	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION ( <i>City and State</i> )  Eductor Station Evaluation Boca Raton, FL	PROFESSIONAL SERVICES	CONSTRUCTION ( <i>If applicable</i> )  2020                              N/A
	(3) BRIEF DESCRIPTION ( <i>Brief scope size, cost, etc.</i> ) AND SPECIFIC ROLE  Project Manager for the assessment of the City of Boca Raton's 14 eductor-style lift stations. The assessment was to determine the ability to repurpose the existing eductor wet wells to submersible lift station wet wells. Construction Cost: N/A	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION ( <i>City and State</i> )  Lakeside Gardens Drainage Improvements Boynton Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION ( <i>If applicable</i> )  2024                              2024
	(3) BRIEF DESCRIPTION ( <i>Brief scope size, cost, etc.</i> ) AND SPECIFIC ROLE  Project Manager for the Dimick and Potter Utility Stormwater and Water Improvements (Lakeside Gardens Drainage Improvements Phase 1). The engineering services included successor engineering, constructability review, value engineering, permitting, bidding assistance, and construction management and part-time inspection services. Construction Cost: \$2.9M	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION ( <i>City and State</i> )  Palm Club Sewer Sanitary Sewer Lauderdale-by-the-Sea, FL	PROFESSIONAL SERVICES	CONSTRUCTION ( <i>If applicable</i> )  2022                              2022
	(3) BRIEF DESCRIPTION ( <i>Brief scope size, cost, etc.</i> ) AND SPECIFIC ROLE  Served as Project Manager. Baxter & Woodman was retained to provide data collection, engineering design, permit coordination, and construction engineering services septic to central sewer collection conversion of the Palm Club residential community. Design and construction of a lift station was performed which included extending a new FPL service to the station and approximately 1,500 linear feet of 4-inch force main. Construction Cost: \$3.1M	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION ( <i>City and State</i> )  Key Haven Wastewater Force Main Improvements Florida Keys Aqueduct Authority, FL	PROFESSIONAL SERVICES	CONSTRUCTION ( <i>If applicable</i> )  2024                              2024
	(3) BRIEF DESCRIPTION ( <i>Brief scope size, cost, etc.</i> ) AND SPECIFIC ROLE  Project Manager for the design of 8,000 linear feet of wastewater force main from Key Haven to Key West including two, 200 and 400 linear feet, horizontal directional drills of 6" HDPE across the Overseas Highway (A1A) and a 1,300 linear foot subaqueous horizontal directional drill across the Cow Key. FKA requested we extend their existing wastewater force main from the Key Haven subdivision west along US Highway 1/Cow Key channel to connect to the City of Key West gravity sewer at the intersection of Duck Avenue and South Roosevelt Boulevard. Construction Cost: \$4M	<input checked="" type="checkbox"/> Check if project performed with current firm	

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person)*

12. NAME  Erik Sanchez, PE	13. ROLE IN THIS CONTRACT  Senior Project Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 14	b. WITH CURRENT FIRM 8

15. FIRM NAME AND LOCATION (City and State)

Baxter & Woodman, Inc. - Orlando, FL

16. EDUCATION (Degree and Specialization)  B.S., Civil Engineering, Universidad de Guadalajara, Guadalajara, Jalisco, 2014	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)  Licensed Professional Engineer: Florida and Texas
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Association: National Society of Professional Engineers, American Water Works Association, Water Environment Federation

## 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Harris County MUD 102 - Lift Station Replacement Houston, TX		PROFESSIONAL SERVICES 2023	CONSTRUCTION (If applicable) 2023
a. (3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Served as Project Manager. New 5.2 MGD lift station to replace a 45-year-old dry pit station located in the 500-year floodplain that flooded during Harvey and previous storms. Our on-time conversion design to a submersible pump configuration raised the generator and controls five feet above grade, and consolidated piping for improved operability. The client stated it was one of the best lift station designs for flood-proofing they had seen. Construction Cost: \$1.5M			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
West Memorial MUD - STP Lift Station Phase I Katy, TX		PROFESSIONAL SERVICES 2022	CONSTRUCTION (If applicable) 2022
b. (3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Project Engineer responsible for designing Phase I to include a wet well with submersible pumps at a firm capacity of 9.72 MGD. Phase I meets the present flow capacity requirements with features to allow for future expansion if flows increase. Construction Cost: \$1.5M			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Aqua Texas - Pine Trails WWTP Expansion Phase II Houston, TX		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Ongoing
c. (3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Project Manager responsible for delivery of plans and specifications. Baxter & Woodman designed the second phase expansion to 1.20 MGD. The scope included conversion of dry/wet pit to submersible lift station, conversion of old rectangular clarifiers to aeration basins, new air supply system, and cloth media filtration system. Construction Cost: \$5.9M			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Hurricane Harvey Disaster Recovery for Lift Stations Houston, TX		PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable) N/A
d. (3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Served as Project Manager. On-time delivery of an asset inventory and condition/reliability assessment of 38 lift station facilities to support development of a comprehensive asset management system. Included draw-down testing, code compliance review, facility hydraulic system curves, and recommendations for repair/replacement and hardening/mitigation. Our team assisted with the coordination of FEMA forms and claims.			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Willowood WWTP - Lift Station Grinding Equipment Houston, TX		PROFESSIONAL SERVICES 2023	CONSTRUCTION (If applicable) 2023
e. (3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Project Manager responsible for the preparation of plans and specifications for installation of a new wall-mounted grinder inside the lift station wet well. Worked with multiple manufacturers on the equipment sizing and custom design for a wall-mounted frame over a 48-inch influent pipe. Specified a coating system for corrosive environments to combat deterioration. Construction Cost: 525K			

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person)*

12. NAME  Arthur "Jake" Hurley, PE	13. ROLE IN THIS CONTRACT  Project Engineer	14. YEARS EXPERIENCE  a. TOTAL 9      b. WITH CURRENT FIRM 4	
15. FIRM NAME AND LOCATION (City and State)  Baxter & Woodman, Inc. - West Palm Beach, FL			
16. EDUCATION (Degree and Specialization)  B.S., Civil Engineering, University of Central Florida	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)  Licensed Professional Engineer: Florida		

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Jake has extensive experience in the Water/Wastewater Industry. He started his career as a field/project engineer working for general contractor Wharton Smith, Inc. Then at the City of Boynton Beach Utilities Department he functioned as a project manager and engineer for multiple improvement projects. His experience includes project management, engineering design, permitting, bidding services and construction services.

## 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
a.	Key Haven to Key West Force Main Florida Keys Aqueduct Authority, FL	2024	2024
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE  Provided engineering services to perform preliminary and final design, cost estimation, permitting, bidding assistance, construction administration and resident project representative services for approximately 8,000 linear foot 8" force main from Key Haven Road to South Roosevelt Avenue. Construction Cost: \$4M	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	Broadway and West Pine St. Water Main Improvements Town of Lantana, FL	2024	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE  Project Manager and Engineer of Record for approximately 3,550 linear feet of water main replacement. Scope of work included replacement of cement asbestos water main, roadway improvements, new sidewalks and driveways, permitting, and construction engineering. Construction Cost: \$2M	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	Lift Station No. 3 Improvements and Hardening Town of Highland Beach, FL	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE  Project Manager and Engineer of Record. The scope of work included raising an existing lift station to mitigate storm water damage. The station is low lying and near salt water. Improvements included a new top slab, valve vault, and electrical panel. Construction Cost: \$400K	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	Water Treatment Plant High Service Pump Improvements Town of Lantana, FL	2024	2024
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE  Bidding & construction services for the demolition and replacement of high service pumps, valves, and piping. Installation of a temporary bypass system for plant operation. Construction of electrical building included new main breaker, automatic transfer switch (ATS), variable frequency drives (VFDs), programmable logic controller (PLC) and various mechanical, structural, and electrical/instrumentation appurtenances and modification. Construction Cost: \$1.6M	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	Integrated Utility Master Plan Lantana, FL	2024	N/A
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE  Assisting with comprehensive master plan for the City's potable water distribution system, wastewater collection and transmission system, roadway, seawalls, parks and recreation facilities and stormwater system master plan including recommendations for Capital Improvement Projects (CIP). Construction Cost: N/A	<input checked="" type="checkbox"/> Check if project performed with current firm	

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person)*

12. NAME  Alexis Shotton, PE	13. ROLE IN THIS CONTRACT  Project Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 7	b. WITH CURRENT FIRM 7

15. FIRM NAME AND LOCATION (*City and State*)

Baxter & Woodman, Inc. - West Palm Beach, FL

16. EDUCATION ( <i>Degree and Specialization</i> )  B.S., Civil Engineering, University of Illinois at Urbana-Champaign, 2017; A.S. Engineering Science, Kishwaukee College, 2014	17. CURRENT PROFESSIONAL REGISTRATION ( <i>State and Discipline</i> )  Licensed Professional Engineer: Florida
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18. OTHER PROFESSIONAL QUALIFICATIONS (*Publications, Organizations, Training, Awards, etc.*)

Alexis' focus is in Water/Wastewater engineering, including engineering design of underground infrastructure and pump stations, utility rate studies, computerized maintenance and management systems, master plans, and vulnerability assessments.

## 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION ( <i>City and State</i> )	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION ( <i>If applicable</i> )	
a.	Wilton Manors, FL  NW 29th Street and NW 30th Court Potable Water Improvements	2024	2024
	(3) BRIEF DESCRIPTION ( <i>Brief scope size, cost, etc.</i> ) AND SPECIFIC ROLE  Project Engineer for design of potable water main consisting of replacement of approximately 4,000 lineal feet of 6-inch water main using pipe bursting methods and reconnecting water service lines to the new water main. The project required coordination with FDOT and Broward County. Construction Cost: \$1.3M	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION ( <i>City and State</i> )  Integrated Utility Master Plan Lantana, FL	2024	N/A
	(3) BRIEF DESCRIPTION ( <i>Brief scope size, cost, etc.</i> ) AND SPECIFIC ROLE  Project Engineer for the preparation of an Integrated Master Plan to inventory, assess and prepare a Capital Improvement Plan for the water distribution system, wastewater collection system, and stormwater system. Construction Cost: N/A	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION ( <i>City and State</i> )  Grant Assistance Lake Park, FL	2023	N/A
	(3) BRIEF DESCRIPTION ( <i>Brief scope size, cost, etc.</i> ) AND SPECIFIC ROLE  Project Engineer assisting the Town with preparation of an Environmental Assessment in order to obtain Florida Program Planning Grant funding for three stormwater projects throughout the Town. The project includes coordination and compliance with various agencies including Historic Preservation, Clearinghouse, FEMA, Tribal Lands, Coastal Zone Management Act, and others for each of the projects. The project also included preparation of maps and exhibits and collection of a variety of resources, including photographs and previous data reports. Construction Cost: N/A	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION ( <i>City and State</i> )  SLR Vulnerability Assessment Wilton Manors, FL	2023	N/A
	(3) BRIEF DESCRIPTION ( <i>Brief scope size, cost, etc.</i> ) AND SPECIFIC ROLE  Project Engineer assisting the City with preparation of a Sea Level Rise Vulnerability Assessment on the City's infrastructure. The project is funded by the Resilient Florida Grant Program, and the assessment was done in accordance with grant requirements. This includes performing an exposure analysis to identify the depths of flooding caused by SLR, storm surge, rainfall events, and/or compounded flood scenarios, and performing a sensitivity analysis to determine the impact of flooding on the City's critical assets. This project also includes supporting the City with steering committees and public outreach meetings. Construction Cost: N/A	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION ( <i>City and State</i> )  Southern Outfall Replacement Lake Park, FL	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION ( <i>Brief scope size, cost, etc.</i> ) AND SPECIFIC ROLE  Project Engineer for the design of the replacement of the existing 72-inch outfall pipe located between US 1 and the Lake Worth Lagoon which discharges to the Lagoon along the northern boundary of the Town's boat marina. Construction Cost: \$3.1M (Estimate)	<input checked="" type="checkbox"/> Check if project performed with current firm	

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person)*

12. NAME  Raed Yousef, PE	13. ROLE IN THIS CONTRACT  Project Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 11	b. WITH CURRENT FIRM <1 Year

15. FIRM NAME AND LOCATION (City and State)

Baxter & Woodman, Inc. - Orlando, FL

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
B.S., Civil Engineering, South Dakota State University, 2013	Licensed Professional Engineer: Florida, South Dakota

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Raed has 11 years of experience leading large-scale municipal projects from inception to completion. His expertise encompasses project management, construction oversight, water and wastewater utilities, and engineering evaluations, utilizing tools like AutoCAD, ArcGIS, and Primavera P6. Raed is also proficient in permitting, grant application assistance and utility coordination.

## 19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Cypress Manor Wastewater Treatment Plant Replacement Pasco County Utilities, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
b.	Project Engineer responsible for designing the replacement of existing sanitary plant with a prebuilt batch sanitary treatment plant. The existing plant needed to stay in operation while the new plant was being installed. Construction Cost: \$7M		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
c.	Embassy Hills Wastewater Treatment Plant Improvements Pasco County Utilities, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2018	N/A (est. 2025)
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
d.	Project Engineer responsible for the rehabilitation of Embassy Hills Wastewater Treatment Plant. The project was implemented into two phases. Phase I consisted of improvements of two clarifiers and chlorine contact basins, and installation of a new electrical building, switchgear, generators, disc filters, and reject diversion structure. Construction Cost: \$30M		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
e.	26th Street Mill & Overlay Design Sioux Falls, SD	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2022	N/A
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
d.	Project Manager for the 26th Street improvements. The project consisted of edge mill concrete and overlay with two inches of asphalt, sanitary and waster repairs, installation of storm sewer and storm inlets, and ADA ramp upgrades. Construction Cost: \$1.2M		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
e.	Pump Station 240 Improvements Sioux Falls, SD	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2021	2022
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
e.	Project Manager for the multi-phase improvements for Pump Station 240. Phase I consisted of grading the sanitary detention EQ basin. Phase II consisted of a 12-mile stretch of 30-inch sanitary force main from the pump station to the sanitary treatment plant. Phase 2A consisted of installing 1 mile of 30-inch HDPE forcemain and an 8-inch gravity sewer. Construction Cost: \$3.76M		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
e.	57th Street Expansion Sioux Falls, SD	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2021	2022
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
e.	Project Manager responsible for overseeing the installation of watermain and temporary culverts and grading of roadway and temporary ditches for 57th Street from Veteran's Parkway to Six Mile Road. The project consisted of storm structures, watermain, gravity sewer, street and traffic lights, and concrete roadway and median paving. Construction Cost: \$1.5M		

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person)*

12. NAME  Craig Mitchell, PE	13. ROLE IN THIS CONTRACT  Construction Manager	14. YEARS EXPERIENCE	
		a. TOTAL 34	b. WITH CURRENT FIRM 19

15. FIRM NAME AND LOCATION (City and State)

Baxter & Woodman, Inc. - West Palm Beach, FL

16. EDUCATION (Degree and Specialization)  B.S., Civil Engineering, Iowa State University	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)  Licensed Professional Engineer: Florida, Illinois, and Wisconsin
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Craig serves as Construction Manager on numerous large transportation and infrastructure improvement projects and heads our Construction Services Group. Craig leads our construction managers and inspectors on projects involving water, sewer, and storm infrastructure to local and highway transportation construction projects.

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)  Osceola Park Neighborhood Improvements CEI Services - Phase 2 Delray Beach, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE  Served as Construction Advisor. The project consisted of potable water main improvements, drainage improvements, sanitary sewer improvements, roadway reconstruction, roadway mill and overlay, alleyway improvements, signage and pavement marking improvements, curbing, sidewalk, and driveway improvements, decorative LED lighting improvements, and landscaping and irrigation improvements. Construction Cost: \$4.1M	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION (City and State)  Atlantic Dunes Park CEI Services Delray Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE  Served as Construction Advisor for CEI Services for the Atlantic Dunes Park Seawall Replacement. The construction improvements consisted of demolition of existing seawall, and construction of new seawalls, including precast sheet piles and cast in place concrete pile cap. Construction Cost: \$850K	N/A	2023
c.	(1) TITLE AND LOCATION (City and State)  Randall Road Reconstruction McHenry County Division of Transportation, IL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE  Served as Construction Manager. The project consisted of pavement widening, reconstruction and resurfacing, sidewalk installation, pedestrian underpass and multi-use path, construction of five retaining walls, traffic signal modernization (five existing locations), two new traffic signal installations, Portland Cement Concrete (PCC) pavement, hot mix asphalt (HMA) pavement, aggregate subgrade, box culvert installation, storm sewers, lighting, and water main installation. Construction Cost: \$46M	N/A	2022
d.	(1) TITLE AND LOCATION (City and State)  Huntley Road Reconstruction West Dundee, IL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE  Served as Construction Manager. Huntley Road was reconstructed from just west of Westley Lane to Elm Avenue into a five-lane facility with a raised landscaped median, combination concrete curb and gutter, and storm sewer. The intersection of Huntley Road and Elm Avenue was reconstructed to tie into IDOT's intersection improvement of Huntley Road and IL 31. Construction Cost: \$8M	2017	2018
e.	(1) TITLE AND LOCATION (City and State)  Valley View Road Resurfacing Prairie Grove, IL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE  Served as Project Manager. Resurfacing of Valley View Road between Nish Road and the south Village limits. Roadway signage was upgraded to current MUTCD retroreflectivity, and detector loops were placed at the intersection of IL 176 and Valley View Road. Construction Cost: \$370K	2021	2021

#### E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Dameion Donaldson	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE a. TOTAL 20
		b. WITH CURRENT FIRM 15
15. FIRM NAME AND LOCATION (City and State) Electrical Design Associates, Inc. (Boca Raton, FL)		
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science in Electrical Engineering Florida International University / 2003		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL Professional Engineer #70851
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Florida Engineering Society (FES), Illuminating Engineering Society (IES)		

#### 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) WTP Generator Replacement for High Service Pump Building Delray Beach, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Electrical Design Associates, Inc. (EDA) was contracted to provide electrical and instrumentation design for the referenced project. Our scope of work included the following: Electrical design associated with a new permanently installed emergency standby diesel engine generator with a weatherproof sound attenuated skin-tight enclosure. Instrumentation design associated with connecting the new permanently installed emergency standby generator to the existing SCADA system via Ethernet over fiber. Electrical and instrumentation design associated with providing new instruments (level transducer, leak detection switch and a fuel monitoring panel) for the existing above ground type fuel storage tank.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
a. (1) TITLE AND LOCATION (City and State) Repump & Booster Stations Electrical & I & C Evaluations Port St. Lucie, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2022	CONSTRUCTION (If applicable) 2023
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Electrical Design Associates, Inc. (EDA) was contracted to provide an electrical assessment of eight booster and re-pump stations for the City of Port St. Lucie. The purpose of the project was to outline design shortfalls and/or aging of plant infrastructure and equipment that may lead to electrical and operational issues. Our scope of work included the following: Collect and review all available information; Perform field visits in order to observe existing conditions; Perform facilities evaluation and condition assessments; Prepare draft and final TM summarizing facility/infrastructure improvements associated with the power distribution and computer (PLC/HMI) systems as it relates to rehabilitation, repair, and replacement; and Prepare Estimates of OPCC for rehabilitation, repair, and replacement items determined from the facilities evaluation and condition assessments.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
b. (1) TITLE AND LOCATION (City and State) Boca Wells 35W, 36W and 37W Improvements Boca Raton, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2022	CONSTRUCTION (If applicable) 2024
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Electrical Design Associates, Inc. (EDA) was contracted to upgrade the electrical and instrumentation systems at wells 35W, 36W and 37W. The three wells are fed from a common electrical service located at well 36W with feeders extending to the remaining locations. The design also includes the replacement of one (1) common RTU at Well 36W to three (3) individual wells based on new City standards.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
c. (1) TITLE AND LOCATION (City and State) Westport WWTF Nutrient Removal Improvements Port St. Lucie, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2023	CONSTRUCTION (If applicable) 2026
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Electrical Design Associates, Inc. (EDA) was contracted to provide electrical and instrumentation engineering services for the referenced project. Our scope of work included preliminary engineering, permitting, final design, bidding, and construction services for the proposed Nutrient Reduction Improvements to the plant, required to meet the treatment needs of the Westport service area.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
d. (1) TITLE AND LOCATION (City and State) PBC System Wide Wellfield Improvements Palm Beach County, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Electrical Design Associates, Inc. (EDA) was contracted to provide electrical and instrumentation design and bidding for improvements to surficial aquifer production wells located at two (2) of the County's water treatment plants (Nos. 2 & 8) throughout the Palm Beach County Water Utilities Department (PBCWUD) service area.		
<input checked="" type="checkbox"/> Check if project performed with current firm		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Andrew Nixon, P.E.	Geotechnical/Environmental Engineer	a. TOTAL	b. WITH CURRENT FIRM

15. FIRM NAME AND LOCATION (City and State)

WIRX Engineering, LLC – 422 Meadowlark Drive, Jupiter, FL 33458

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
Bachelor of Science in Ocean Engineering, Florida Atlantic University, Florida	Professional Engineer, Florida (PE # 71458)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

OSHA HAZWOPER, Qualified Stormwater Inspector (#27919), Advanced Maintenance of Traffic (#606992)  
Florida Engineering Society, American Society of Civil Engineers, American Water Resources Association

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
PBCWUD Lift Station Rehabilitation (WUD Project No. 21-088), Various Cities with Palm Beach County, Florida	PROFESSIONAL SERVICES 2022 CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm
a. Geotechnical Engineer - Provided geotechnical engineering services for improvements to twenty-three (23) lift stations. The improvements included valve vault, piping, fittings, valves, base elbows, base plates, guide rails, non-clog submersible pumps, corrosion barrier system, by-pass connection, etc.	
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
WPB Public Safety Training Center, West Palm Beach, Palm Beach County, Florida	PROFESSIONAL SERVICES 2019 CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm
b. Environmental Engineer – Conducted a Phase I Environmental Site Assessment on the proposed substation site in accordance with ASTM E 1527-21: Standard Practice for Environmental Site Assessment.	
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
PBCWUD West Regional Wastewater Treatment Facility (WRWWTF) - Operations Building, Belle Glade, Florida	PROFESSIONAL SERVICES 2021 CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm
c. Geotechnical Engineer - Provided geotechnical engineering services for a new 2-story, operations building at the WRWWTF. Ground penetrating radar, soil borings and laboratory testing were conducted. Foundation design recommendations for the proposed construction.	
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
SFWMD STA-1E Cell 2, Palm Beach County, Florida	PROFESSIONAL SERVICES 2023 CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm
d. Environmental Engineer – Collected and tested proposed fill material to assess the environmental and physical characteristics of the material for the South Florida Water Management STA-1E Cell 2 project in Palm Beach County.	
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
PBC Coconut Boulevard from South of 78th Place North to South of Northlake Boulevard, Loxahatchee, Florida	PROFESSIONAL SERVICES 2021 CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm
e. Geotechnical Engineer – Provided geotechnical engineering services for the project, which includes roadway widening and drainage improvements. The limit of this project starts from south of 78 <sup>th</sup> Place North to south of Northlake Boulevard.	

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**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME  Dennis Ritzel, PSM	13. ROLE IN THIS CONTRACT  Licensed Surveyor	14. YEARS EXPERIENCE  a. TOTAL 28 years      b. WITH CURRENT FIRM 5 years	
15. FIRM NAME AND LOCATION (City and State)  Ritzel-Mason, Inc. (Delray Beach, Florida)			
16. EDUCATION (Degree and Specialization)  BS / Geomatics Engineering / Florida Atlantic University (2013) AA / Palm Beach Community College (2009)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)  FL PSM #6953 (2013) FL EI #1100022325 (2019) UAS107 #1856855 (2018) CST #1102-1681 (2005)		

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Trenchless Technology Center (TTC) Utility Investigation School - 40 Hours  
Gold Coast Land Surveyors Council (former President)

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)  City of Fort Lauderdale Watermain Project Broward County, Port Everglades, Ft. Lauderdale, FL	(2) YEAR COMPLETED  PROFESSIONAL SERVICES      CONSTRUCTION (If applicable)	
		1/2023 - 7/2023	N/A
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  Project Manager to support surveyor to trace 19 miles of watermain in support of the GIS utility mapping system. Ritzel-Mason 19 mile portion was marked with GPR and surveyed. Water meters and other above ground water main features were collected and added to the survey.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION (City and State)  State Road A1A Gulfstream Palm Beach County, Gulfstream, FL	(2) YEAR COMPLETED  PROFESSIONAL SERVICES      CONSTRUCTION (If applicable) 12/2019 - 1/2020      N/A	
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  Project Manager to support surveyor and engineer to designate utilities in a 1.1-mile corridor of State Road A1A. PM coordinated with survey field crews to mark underground utilities within the right-of-way.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION (City and State)  Australian Avenue from Banyan Blvd. to 45th Street Palm Beach County, West Palm Beach, FL	(2) YEAR COMPLETED  PROFESSIONAL SERVICES      CONSTRUCTION (If applicable) 4/2022 - 11/2023      N/A	
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  Project Manager to support engineer's design. Survey work was completed using a Leica laser scanner. Bridge data was included. SUE work included test holes and utility designates. Design survey was delivered in MicroStation ORD.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION (City and State)  Seminole Colony East Drainage Improvements Palm Beach County, West Palm Beach, FL	(2) YEAR COMPLETED  PROFESSIONAL SERVICES      CONSTRUCTION (If applicable) 4/2023 - 7/2023      N/A	
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  Project Manager to support engineer's design. Survey work was completed using total station methods. Tree data and drainage information was collected. Design survey was delivered in MicroStation ORD. Test holes are to be completed at a later date.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION (City and State)  State Road 704 - Downtown West Palm Beach Palm Beach County, West Palm Beach, FL	(2) YEAR COMPLETED  PROFESSIONAL SERVICES      CONSTRUCTION (If applicable) 3/2022 - ongoing      N/A	
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  Project Manager to support engineer's design efforts for City of West Palm Beach and FDOT. Survey work was collected on east and west bound State Road 704 from Tamarind Avenue to Flagler Avenue through downtown. Utility designates were completed at the intersection quadrants. Right-of-way was mapped. Drainage data collection is currently ongoing.	<input checked="" type="checkbox"/> Check if project performed with current firm	

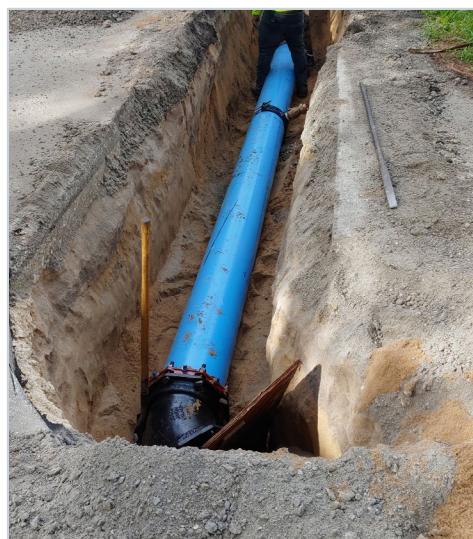
**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>David J. Hunniford, PE</b>	13. ROLE IN THIS CONTRACT <b>Odor and Corrosion Control Engineer</b>	14. YEARS EXPERIENCE a. TOTAL <b>38</b> b. WITH CURRENT FIRM <b>5</b>				
<p><b>15. FIRM NAME AND LOCATION (City and State)</b> <b>V&amp;A Consulting Engineers, Inc.   Tampa, FL.</b></p> <p><b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> <b>B.S.   Chemical Engineering   Georgia Institute of Technology   1982</b></p> <p><b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> <b>Professional Engineer   FL 43314   1990</b></p>						
<p><b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b></p> <p>Dave has over 38 years of experience in the field of water and wastewater odor, hydrogen-sulfide-related corrosion, and trenchless pipeline engineering. Project expertise includes solving various odor and corrosion issues in municipal water and wastewater systems, including collection, distribution, and treatment systems, as well as installing pressure pipelines by horizontal directional drill, jack and bores, slip lining, and pipe bursting. He also participated in multiple publications &amp; patents.</p>						
<b>19. RELEVANT PROJECTS</b>						
a.	<p>(1) TITLE AND LOCATION (City and State) <b>Sarasota County, Wendell-Kent Pump Station Rehabilitation</b> Sarasota, FL</p> <p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</p> <p>Project Manager responsible for condition assessment and odor control-related engineering services for rehabilitating a 3.4 MGD regional pump station. The fourteen-year-old submersible station experienced liner failure and significant concrete wall loss due to extreme hydrogen sulfide-induced corrosion. Rated the condition of walls and ceiling, performed surface penetration, and pH testing. Evaluation of existing biological odor control (OC) system and development of sulfide loading basis were used to provide design basis recommendation for new ventilation and vapor phase OC system.   Contract Amount \$34,292</p>	<p>(2) YEAR COMPLETED</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">PROFESSIONAL SERVICES</td> <td style="width: 50%; padding: 2px;">CONSTRUCTION (If applicable)</td> </tr> <tr> <td style="padding: 2px;">Odor/Corrosion 2022</td> <td style="padding: 2px;">N/A</td> </tr> </table> <p><input checked="" type="checkbox"/> Check if project performed with current firm</p>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	Odor/Corrosion 2022	N/A
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
Odor/Corrosion 2022	N/A					
b.	<p>(1) TITLE AND LOCATION (City and State) <b>Manatee County, Odor &amp; Corrosion Control Program</b> Manatee County, FL</p> <p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</p> <p>Providing ongoing technical oversight and program management for countywide collection system enhancement hydrogen sulfide control aimed at reducing corrosion. Routine services include monthly meetings/reports, directing vendor activities, and evaluating performance data for a \$5M+ annual program. V&amp;A assessed existing collection system odor control program across three collection system areas that collectively conveyed 24 MGD of wastewater via 700+ lift stations with the goal of reducing MLS H<sub>2</sub>S to levels that would mitigate corrosion. Key recommendations involved implementing an additional liquid phase treatment approach to adjust wastewater pH. The program received FWEA award for Environmental Stewardship.   Contract Amount \$287,627</p>	<p>(2) YEAR COMPLETED</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">PROFESSIONAL SERVICES</td> <td style="width: 50%; padding: 2px;">CONSTRUCTION (If applicable)</td> </tr> <tr> <td style="padding: 2px;">2020</td> <td style="padding: 2px;">N/A</td> </tr> </table> <p><input checked="" type="checkbox"/> Check if project performed with current firm</p>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2020	N/A
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2020	N/A					
c.	<p>(1) TITLE AND LOCATION (City and State) <b>City of West Palm Beach, East Central Regional WRF (ECRWRF) Grit Removal Facility Pipe Failure Investigation</b> West Palm Beach, FL.</p> <p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</p> <p>Project Manager responsible for investigating leak on the 48-inch ductile iron pipe (DIP) used to divert influent flow from the ECRWRF Grit Removal Facility (GRF) to the flow equalization basin. Baxter &amp; Woodman (B&amp;W) retained V&amp;A to assess the DIP leaving the GRF and passing under the adjacent Headworks Odor Control System (HOCS) as a portion of HOCS foundation had been undermined. V&amp;A coordinated cleaning and CCTV inspection of the target pipe section and provided visual internal condition assessment ratings using the VANDA scale. V&amp;A determined sulfide induced corrosion created numerous small holes in the pipe.   Contract Amount \$10,701</p>	<p>(2) YEAR COMPLETED</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">PROFESSIONAL SERVICES</td> <td style="width: 50%; padding: 2px;">CONSTRUCTION (If applicable)</td> </tr> <tr> <td style="padding: 2px;">Active</td> <td style="padding: 2px;">N/A</td> </tr> </table> <p><input checked="" type="checkbox"/> Check if project performed with current firm</p>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	Active	N/A
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
Active	N/A					
d.	<p>(1) TITLE AND LOCATION (City and State) <b>City of Boca Raton, Boca Villas Infrastructure Upgrades Project Condition Assessment Engineering Services</b> Boca Raton, FL</p> <p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</p> <p>Project manager responsible for performing specified services as the External Condition Assessment Provider on a section of 20-inch-diameter force main (FM) located in the Boca Villas community of Boca Raton, Florida. The FM is constructed of ductile iron pipe (DIP) and was installed circa 1966. V&amp;A performed condition assessment of the pipeline at five excavation sites involving wall thickness measurement using Broadband Electromagnetic and Ultrasonic based test equipment, visual ratings using the VANDA scale, and pit depth measurements. V&amp;A also conducted third party metallurgical lab testing of coupons removed from each site. V&amp;A documented the findings in a report specification section 02720.   Contract Amount \$108,100</p>	<p>(2) YEAR COMPLETED</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">PROFESSIONAL SERVICES</td> <td style="width: 50%; padding: 2px;">CONSTRUCTION (If applicable)</td> </tr> <tr> <td style="padding: 2px;">Active</td> <td style="padding: 2px;">N/A</td> </tr> </table> <p><input checked="" type="checkbox"/> Check if project performed with current firm</p>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	Active	N/A
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
Active	N/A					
e.	<p>(1) TITLE AND LOCATION (City and State) <b>City of St. Petersburg, Critical Force Mains Condition Assessment Program</b> St Petersburg, FL</p> <p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</p> <p>Project Manager responsible for condition assessment of twenty-six critical force mains to determine their current condition and identify areas for repair, rehabilitation, or replacement to mitigate potential failure. The scope included reviewing the City's preliminary desktop force main system assessment, performing field screening condition assessment testing, and submitting recommendations on specific physical condition assessment techniques that should be used across the twenty-six force mains rated as critical risks in the desktop report. V&amp;A worked closely with City staff to fill in GIS data gaps/discrepancies and mine the institutional knowledge critical to understanding each force main's current characteristics.   Contract Amount \$197,177</p>	<p>(2) YEAR COMPLETED</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">PROFESSIONAL SERVICES</td> <td style="width: 50%; padding: 2px;">CONSTRUCTION (If applicable)</td> </tr> <tr> <td style="padding: 2px;">Ongoing since 2021</td> <td style="padding: 2px;">N/A</td> </tr> </table> <p><input checked="" type="checkbox"/> Check if project performed with current firm</p>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	Ongoing since 2021	N/A
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
Ongoing since 2021	N/A					

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT:</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER: <b>1</b>
<b>21. TITLE AND LOCATION: (City and State)</b> Hurricane Harvey Disaster Recovery for Lift Stations Houston, TX		<b>22. YEAR COMPLETED:</b> PROFESSIONAL SERVICES: 2021 <b>CONSTRUCTION: (If applicable)</b> N/A
<b>23. PROJECT OWNER'S INFORMATION:</b>		
a. PROJECT OWNER: City of Houston	b. POINTS OF CONTACT NAME: Richard Hatch	c. POINT OF CONTACT TELEPHONE NUMBER: (832) 395-5031
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b> <p>Baxter &amp; Woodman provided an in-depth asset inventory and condition assessment of 39 lift station facilities to support development of a comprehensive asset management system.</p> <p>The primary purpose of this project was to collect asset data, document existing conditions, and plan for improvements to return the lift stations to optimal operating conditions and meet current codes. The evaluation included the overall condition of structural, mechanical, electrical, and instrumentation components as well as hydraulic capacity of the lift stations.</p> <p>An assessment report was written for each lift station summarizing the facility background, condition assessment, optimal operating condition, and cost estimates. Recommendations included three options: improvements required to bring the facilities up to code, improvements to mitigate and prevent future flooding; and consolidation.</p> <p>Hurricane Harvey caused flooding in 12 of the 39 lift stations evaluated. Baxter &amp; Woodman assisted with the expedited coordination of all FEMA forms and claims. Construction Cost: N/A</p>		
 		

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

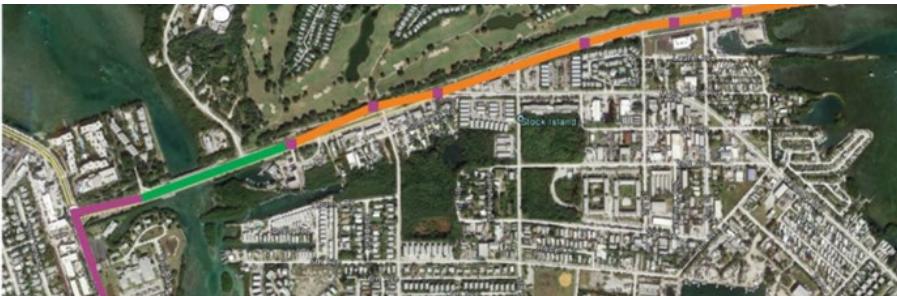
a.	(1) FIRM NAME Baxter & Woodman, Inc.	(2) FIRM LOCATION (City and State) 11450 Compaq Center West Dr. Ste. 660 Houston, TX 77070	(3) ROLE Prime
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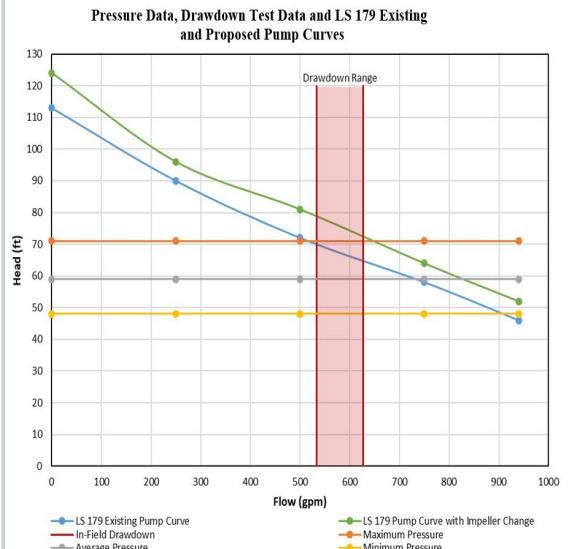
<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT:</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER: <b>2</b>	
21. TITLE AND LOCATION: <i>(City and State)</i> SR A1A Water Main Improvement Gulf Stream, FL		22. YEAR COMPLETED: PROFESSIONAL SERVICES: 2021 CONSTRUCTION: <i>(If applicable)</i> 2021	
<b>23. PROJECT OWNER'S INFORMATION:</b>			
a. PROJECT OWNER: Town of Gulf Stream	b. POINTS OF CONTACT NAME: Greg Dunham	c. POINT OF CONTACT TELEPHONE NUMBER: 561-276-5116	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i> <p>Baxter &amp; Woodman prepared the 10 Year Capital Improvement plan for the Town of Gulf Stream that identified the need for replacement of an existing 6-inch water main along SR A1A with a 12-inch water main and replacement of existing 6-inch water mains along Sea Road, North County Road, and Little Club Road with an 8-inch water main. The Town requested that Baxter &amp; Woodman provide data collection, design, permitting, and construction administration services in the execution of this project. Construction Cost: \$2M</p> <p>The infrastructure improvements included:</p> <ul style="list-style-type: none"> <li>Design of a 12-inch water main on State Road A1A and 8-inch water mains on Sea Road, North County Road, and Little Club Road</li> <li>Directional drill in select areas</li> <li>Mature tree preservation</li> <li>Coordination with FDOT</li> <li>Re-connection to the existing emergency interconnect</li> <li>Fire hydrants, valves, and water services</li> </ul>   			
<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>			
a.	(1) FIRM NAME Baxter & Woodman, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 1601 Forum Place Suite 400 West Palm Beach, FL 33401	(3) ROLE Prime

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT:</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER: <b>3</b>
<b>21. TITLE AND LOCATION: (City and State)</b> Sanitary Sewer Rehabilitation Phases I-X Harris County WC&ID No. 116, TX		<b>22. YEAR COMPLETED:</b> <b>PROFESSIONAL SERVICES:</b> Phase I-V: 2021 Phase V-X: 2026
<b>23. PROJECT OWNER'S INFORMATION:</b>		
<b>a. PROJECT OWNER:</b> Harris County WC&ID No. 116, TX	<b>b. POINTS OF CONTACT NAME:</b> Les Griffith	<b>c. POINT OF CONTACT TELEPHONE NUMBER:</b> (281) 898-1585
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b> <p>Baxter &amp; Woodman designed and managed the 10-year phased sanitary sewer rehabilitation program (approximately \$500,000 per year) for Harris County Water Control &amp; Improvement District No. 116.</p> <p>The project required cleaning and televising the wastewater lines and manholes, including smoke testing; evaluating information obtained from the televising and testing, developing a budget and recommending cost effective rehabilitation methods.</p> <p>Approximately 70,000 LF of pipe, ranging in size from 8-inch to 24-inch, were evaluated. Corrections included cured-in-place pipe (CIPP), pipe bursting, and point repairs. Additionally, the manholes were evaluated and Baxter &amp; Woodman provided recommendations for new liners and connection seals.</p> <p>Several bid options were received to maximize flexibility in proceeding with the rehabilitation. Baxter &amp; Woodman developed and implemented a highly effective communication plan with the residents.</p> <p>During construction, Baxter &amp; Woodman discovered a defective CIPP segment installed by the contractor. Baxter &amp; Woodman made sure the contractor corrected the deficiency by pipe bursting the defective sewer line, thereby saving the client additional costs and inconvenience.</p> <p>The District has completed Phases I through V, rehabilitating approximately 40,000 linear feet of pipe ranging in size from 8-inch to 24-inch. Phase V was completed in 2021 for a total construction cost of \$320,000. Phases VI through X are planned to be completed by 2026 with a budget of \$2,300,000.</p>		
 		

#### 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Baxter & Woodman, Inc.	(2) FIRM LOCATION (City and State) 11450 Compaq Center West Dr. Ste. 660 Houston, TX 77070	(3) ROLE Prime

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT:</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER: <b>4</b>								
<b>21. TITLE AND LOCATION: (City and State)</b> Key Haven to Key West Force Main Florida Keys Aqueduct Authority		<b>22. YEAR COMPLETED:</b> PROFESSIONAL SERVICES: 2024 CONSTRUCTION: <i>(If applicable)</i> 2024								
<b>23. PROJECT OWNER'S INFORMATION:</b> <table border="1"> <tr> <td>a. PROJECT OWNER: Florida Keys Aqueduct Authority</td> <td>b. POINTS OF CONTACT NAME: David Hackworth</td> <td>c. POINT OF CONTACT TELEPHONE NUMBER: (305) 295-2152</td> </tr> </table>			a. PROJECT OWNER: Florida Keys Aqueduct Authority	b. POINTS OF CONTACT NAME: David Hackworth	c. POINT OF CONTACT TELEPHONE NUMBER: (305) 295-2152					
a. PROJECT OWNER: Florida Keys Aqueduct Authority	b. POINTS OF CONTACT NAME: David Hackworth	c. POINT OF CONTACT TELEPHONE NUMBER: (305) 295-2152								
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT</b> <i>(Include scope, size, and cost)</i> <p>The Key Haven subdivision transmits wastewater to the Boca Chica wastewater treatment plant for temporary storage that then gets transmitted to the Big Coppitt WWTP for processing. The capacity of the Big Coppitt WWTP is nearing its capacity. Florida Keys Aqueduct Authority (FLKAA) wanted to have the ability to divert the wastewater flows from the Key Haven development to the Richard A. Heyman Environmental Pollution Control Facility in Key West to reduce the flows to the Big Coppitt WWTP during emergency conditions. The costs to divert flow would be significantly less than expanding the capacity of the Big Coppitt WWTP.</p> <p>FLKAA contracted Baxter &amp; Woodman to provide engineering services to perform preliminary and final design, cost estimation, permitting, bidding assistance, construction administration and resident project representative services for approximately 8,000 linear foot 8" force main from Key Haven Road to South Roosevelt Avenue. The wastewater flows from the Key Haven subdivision and the hydraulic modeling of the force main. Topographic survey, geotechnical investigation, and subsurface utility engineering were conducted. The design of the force main included approximately 5,000 linear feet of force main to be slip lined within an existing abandoned 18" water main, approximately 2,000 linear feet of horizontal directional drilled installation and 1,000 linear feet of open cut installation. Three horizontal direction drills were designed, two crossing the Overseas Highway (US Highway 1) and one crossing of the Cow Key Channel. Extensive coordination for permitting was performed with authorities having jurisdiction including: City of Key West, Florida Department of Transportation, United States Army Corps of Engineers, National Oceanic and Atmospheric Administration, and the Florida Department of Environmental Protection.</p> <p>We divided the project into two phases to help complete the portion of the force main on South Roosevelt Avenue to avoid an FDOT resurfacing project. Construction Cost: \$4M</p> 										
<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b> <table border="1"> <tr> <td><b>a.</b></td> <td>(1) FIRM NAME Baxter &amp; Woodman, Inc.</td> <td>(2) FIRM LOCATION (City and State) 1601 Forum Place Suite 400 West Palm Beach, FL 33401</td> <td>(3) ROLE Prime</td> </tr> <tr> <td><b>b.</b></td> <td>(1) FIRM NAME Electrical Design Associates, Inc.</td> <td>(2) FIRM LOCATION (City and State) 7284 W. Palmetto Park Rd. Ste. 302-S Boca Raton, FL 33433</td> <td>(3) ROLE Subconsultant</td> </tr> </table>			<b>a.</b>	(1) FIRM NAME Baxter & Woodman, Inc.	(2) FIRM LOCATION (City and State) 1601 Forum Place Suite 400 West Palm Beach, FL 33401	(3) ROLE Prime	<b>b.</b>	(1) FIRM NAME Electrical Design Associates, Inc.	(2) FIRM LOCATION (City and State) 7284 W. Palmetto Park Rd. Ste. 302-S Boca Raton, FL 33433	(3) ROLE Subconsultant
<b>a.</b>	(1) FIRM NAME Baxter & Woodman, Inc.	(2) FIRM LOCATION (City and State) 1601 Forum Place Suite 400 West Palm Beach, FL 33401	(3) ROLE Prime							
<b>b.</b>	(1) FIRM NAME Electrical Design Associates, Inc.	(2) FIRM LOCATION (City and State) 7284 W. Palmetto Park Rd. Ste. 302-S Boca Raton, FL 33433	(3) ROLE Subconsultant							

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT:</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER: <b>5</b>
<b>21. TITLE AND LOCATION: (City and State)</b> City of Boca Raton, FL Lift Station No. 179 Rehabilitation		<b>22. YEAR COMPLETED:</b> PROFESSIONAL SERVICES: 2023 <b>CONSTRUCTION: (If applicable)</b> 2023
<b>23. PROJECT OWNER'S INFORMATION:</b>		
a. PROJECT OWNER: City of Boca Raton, FL	b. POINTS OF CONTACT NAME: Talia Garcia, PE	c. POINT OF CONTACT TELEPHONE NUMBER: (561) 338-7307
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b> <p>Lift Station 179 was an aging duplex submersible lift station located in an area of the City with high development potential. The City requested Baxter &amp; Woodman perform a lift station capacity evaluation, design, permitting, bidding, construction management, and inspection for Lift Station 179. To accommodate the future flows, a completely new lift station was required. Baxter &amp; Woodman designed a new lift station adjacent to the old lift station, modified the existing wet well to be a manhole, and abandoned portions of the old easement to add new easement for a near net zero increase of easement to the approval of the private property owner. The project also included approximately 425 linear feet of horizontal directional bore of a 10-inch HDPE force main and surface restoration of the intersection of Congress Avenue and Broken Sound Parkway. Baxter &amp; Woodman completed the preliminary design review in 2020, design in 2021, and followed the project to construction completion in 2023. Construction Cost: \$1.4M</p>		
		

#### 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME Baxter & Woodman, Inc.	(2) FIRM LOCATION (City and State) 200 E. Robinson Street, Suite 555 Orlando, FL 32801	(3) ROLE Prime
<b>b.</b>	Electrical Design Associates, Inc.	7284 West Palmetto Park Rd. Suite 302-S, Boca Raton, FL 33433	Subconsultant

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT:</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER: <b>6</b>
21. TITLE AND LOCATION: <i>(City and State)</i> Lift Stations 45 and 51 West Palm Beach, FL		22. YEAR COMPLETED: PROFESSIONAL SERVICES: <b>Ongoing</b> CONSTRUCTION: <i>(If applicable)</i> <b>Bidding</b>
<b>23. PROJECT OWNER'S INFORMATION:</b>		
a. PROJECT OWNER: City of West Palm Beach	b. POINTS OF CONTACT NAME: Laura Le, PE	c. POINT OF CONTACT TELEPHONE NUMBER: <b>(561) 494-1093</b>
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i> <p>The City of West Palm Beach contracted with Baxter &amp; Woodman to provide engineering design services for the rehabilitation of Lift Stations 45 and 51 in the City of West Palm Beach. The project is a part of a joint project agreement with Palm Beach County for the construction of the Australian Avenue Drainage and Utility Improvements Project.</p> <p>The project included the following components:</p> <ul style="list-style-type: none"> <li>▪ Converted the existing "can-type" station (with two 20 HP pumps) to submersible stations which are located within the median of Australian Avenue. Installed two new 20 Hp submersible pumps with associated rails and hatches.</li> <li>▪ Provided structural modifications of the existing wetwell to convert it into a submersible wetwell. Demolished the concrete entrance tube and extended the concrete walls to grade. Provided new concrete top slab with hatches.</li> <li>▪ Replaced the existing control panel and RTU in accordance with City standards.</li> <li>▪ Replaced the existing 30 KW with a new 30 KW standby generator with base mounted tank. (LS 51)</li> <li>▪ Replaced approximately 190 LF of 12-inch gravity sewer line and 43 LF of 10-inch gravity sewer line.</li> <li>▪ Replaced approximately 75 LF of 10-inch forcemain in the discharge line.</li> <li>▪ At Lift Station No. 51, the existing emergency diesel driven standby generator will be replaced with a new generator unit.</li> </ul>  		

<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>			
<b>a.</b>	(1) FIRM NAME Baxter & Woodman, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 1601 Forum Place Suite 400 West Palm Beach, FL 33401	(3) ROLE Prime
<b>b.</b>	Electrical Design Associates, Inc.	7284 West Palmetto Park Rd. Suite 302-S, Boca Raton, FL 33433	Subconsultant

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT:**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER: **7**

21. TITLE AND LOCATION: *(City and State)*

Palm Club Sewer Sanitary Sewer  
Lauderdale-by-the-Sea, FL

22. YEAR COMPLETED:

PROFESSIONAL SERVICES: 2022

CONSTRUCTION: *(If applicable)*  
2022

**23. PROJECT OWNER'S INFORMATION:**

a. PROJECT OWNER:

Town of Lauderdale-by-the-Sea

b. POINTS OF CONTACT NAME:

Ken Rubach

c. POINT OF CONTACT TELEPHONE NUMBER:

(954) 640-4233

**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost)*

Baxter & Woodman was retained to provide data collection, engineering design, permit coordination, and construction engineering services for the Palm Club residential community. The community previously disposed wastewater waste through onsite sewage treatment and disposal systems and converted to centralized wastewater collection system. The design incorporated the installation of a system of manholes, gravity sewer pipes and laterals that collect wastewater within a new lift station. The lift station conveys the wastewater to an existing force main located on State Road A1A, adjacent to the entrance of the Palm Club. Baxter & Woodman provided construction administration and resident project representative services during the duration of construction.

Construction Cost: \$3.1M



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>a.</b>	Baxter & Woodman, Inc.	1601 Forum Place Suite 400 West Palm Beach, FL 33401	Prime
<b>b.</b>	Electrical Design Associates, Inc.	7284 West Palmetto Park Rd. Suite 302-S, Boca Raton, FL 33433	Subconsultant

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT:**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER: **8**

21. TITLE AND LOCATION: *(City and State)*

Integrated Master Plan  
Lantana, FL

22. YEAR COMPLETED:

PROFESSIONAL SERVICES:  
2024

CONSTRUCTION: *(If applicable)*  
N/A

**23. PROJECT OWNER'S INFORMATION:**

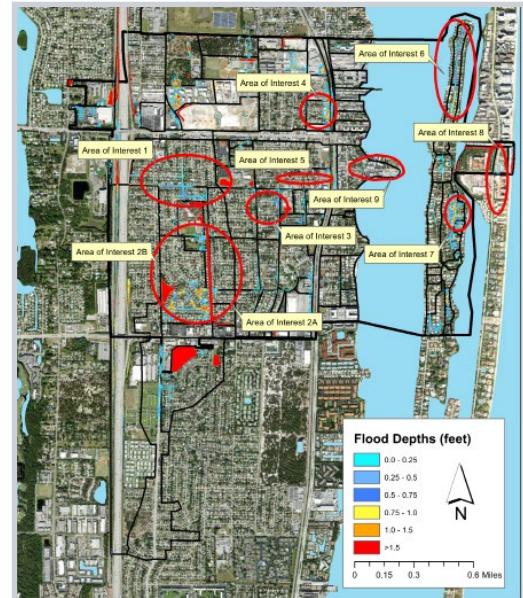
a. PROJECT OWNER:  
Town of Lantana

b. POINTS OF CONTACT NAME:  
Eddie Crockett

c. POINT OF CONTACT TELEPHONE NUMBER:  
(561) 540-5753

**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost)*

The Town of Lantana (Town) contracted with Baxter & Woodman, Inc. to perform professional engineering services for the preparation of an Integrated Master Plan to inventory, assess and prepare a Capital Improvement Plan (CIP) for the Stormwater System, Potable Water Distribution System, Wastewater Collection and Transmission System, Roadway System, Seawall, and Parks & Recreation facilities. The CIP included improvement recommendations with budgetary cost estimates for short-term (1 to 10 years) and extended-term (11 to 20 years) for the stormwater system, wastewater collection and transmission system, potable water distribution system, and roadways, seawalls and park assets. The CIP was based upon recent information associated with service area demographics, water resources, water demands, wastewater flows, hydraulic simulations, Sea Level Rise (SLR), roadway mill and overlay programs, seawall conditions, and planned park facilities operations.



Based on the results of each assessment, Areas of Interest were identified and compared geographically for each utility to form combined projects where possible. The projects were conceptually designed and ranked based on severity potential. Probable construction cost estimates were prepared. The projects were compiled into the CIP and phased over the two planning horizons based on the priority rankings.

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Baxter & Woodman, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 1601 Forum Place Suite 400 West Palm Beach, FL 33401	(3) ROLE Prime

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT:**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY  
NUMBER: **9**

21. TITLE AND LOCATION: *(City and State)*

Core Area Water, Storm and Roadway Improvements  
Gulf Stream, FL

22. YEAR COMPLETED:

PROFESSIONAL SERVICES:  
2024

CONSTRUCTION: *(If applicable)*  
Ongoing

23. PROJECT OWNER'S INFORMATION:

a. PROJECT OWNER:

Town of Gulf Stream

b. POINTS OF CONTACT NAME:

Greg Dunham

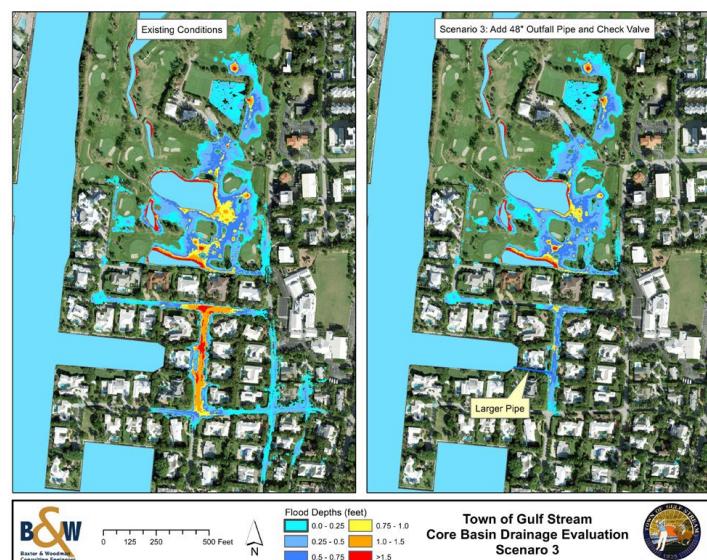
c. POINT OF CONTACT TELEPHONE NUMBER:

(561) 455-3188

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The Town of Gulf Stream awarded to Baxter & Woodman the Core Area Improvement Project to perform the engineering and construction services for the Town's infrastructure in accordance to the 10-Year Capital Improvement Plan and to mitigate stormwater issues occurring within the Core Area. The Core Area consists of the properties and rights-of-way between Golfview Drive to Sea Road and the Intracoastal Waterway and N. Ocean Boulevard. Baxter & Woodman prepared the Town's 10-Year Capital Improvement Plan in June 2018, which identified the replacement of the aging asbestos cement (AC) water mains and rehabilitation of roadways. The water main replacement included open trench installation and construction by trenchless technology, pre-chlorinated pipe bursting, to minimize above grade impacts and reduce water main service outages. In addition, Baxter & Woodman prepared an in depth stormwater analysis for the Core Area in June 2021 to analyze the causes and provide recommendations for improvements to mitigate the flooding events. Roadway grades were raised in low lying areas, redesigned grading of the roadway with the addition of stormwater structures and upsizing of various existing stormwater piping was included to facilitate positive discharge of surface waters.

Baxter & Woodman implemented the recommended improvements by providing data collection, preliminary design, final design, permitting, and bidding services. The project is currently under construction and Baxter & Woodman are providing construction administration and resident project representative services. Construction Cost: \$13.7M



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Baxter & Woodman, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 1601 Forum Place Suite 400 West Palm Beach, FL 33401	(3) ROLE Prime

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT:</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER: <b>10</b>
--	--	---

21. TITLE AND LOCATION: <i>(City and State)</i> Broadway Water Main Lantana, FL		22. YEAR COMPLETED: PROFESSIONAL SERVICES: 2024 CONSTRUCTION: <i>(If applicable)</i> 2024
---	--	---

23. PROJECT OWNER'S INFORMATION:		
a. PROJECT OWNER: Town of Lantana	b. POINTS OF CONTACT NAME: Eddie Crockett	c. POINT OF CONTACT TELEPHONE NUMBER: (561) 540-5753

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Baxter & Woodman provided engineering services for the design, permitting, bidding assistance, construction administration, and resident project representative services for the replacement of approximately 3,500 linear feet of existing 14-inch, 12-inch, and 8-inch water mains along Broadway and West Pine Street..

The design included the removal and replacement of asbestos cement water main along the public right-of-way and the primary distribution water main exiting the Town's Water Treatment Plant and within the Town's Water Treatment Plant.

The project will increase fire flow coverage for the surrounding area and by adding additional fire hydrants replace inoperable valves. Construction Cost: \$2M

## TOWN OF LANTANA SOUTH BROADWAY AND WEST PINE STREET WATER MAIN IMPROVEMENTS



DRAWING LIST	
SECTION	DRAWING
	GENERAL
1	Site Street Location Map and Drawing List
2	Site Notes, Survey Notes and Zoning
3	Key Map
	DEMOLITION
4	WEST BROADWAY - DEMOLITION PLAN 1
5	WEST PINE STREET - DEMOLITION PLAN 2
6	SOUTH BROADWAY - DEMOLITION PLAN 3
7	SOUTH BROADWAY - DEMOLITION PLAN 4
8	SOUTH BROADWAY - DEMOLITION PLAN 5
9	SOUTH BROADWAY - DEMOLITION PLAN 6
	CAM
10	WEST PINE STREET - PLAN AND PROFILE - STA. 5-10 TO STA. 4-0
11	WEST PINE STREET - PLAN AND PROFILE - STA. 4-0 TO STA. 3-0
12	WEST PINE STREET - PLAN AND PROFILE - STA. 8-10 TO STA. 7-2
13	WEST PINE STREET - PLAN AND PROFILE - STA. 7-2 TO STA. 6-0
14	WEST PINE STREET - PLAN AND PROFILE - STA. 14-10 TO STA. 20
15	WEST PINE STREET - PLAN AND PROFILE - STA. 20 TO STA. 14-00
16	SOUTH BROADWAY - PLAN AND PROFILE - STA. 4-10 TO STA. 4-00
17	SOUTH BROADWAY - PLAN AND PROFILE - STA. 4-00 TO STA. 14-00
18	TOWN OF LANTANA OPERATION CENTER - SITE PLAN
	DETAILS
19	WEST PINE DEMOLITION 1
20	WEST PINE DEMOLITION 2
21	WEST PINE DEMOLITION 3

**100% DESIGN  
JULY 2023**

DR INFORMATION REGARDING THIS PROJECT, CONTACT:  
JANE A. HUBLEY, P.E.  
BAXTER & WOODMAN, INC.  
1601 Forum Place, Suite 400  
West Palm Beach, FL 33401  
561-400-8170

**BAXTER & WOODMAN**  
Consulting Engineers

AT: 1 Forum Place, Suite 400  
West Palm Beach, FL 33401  
Phone: 561-400-8170 • Fax: 561-400-8171  
No. 90574 (GENERAL, CIVIL)

TITLE SHEET LOCAT AND DRAWING L  
SHEET: 1 of 1  
DRAWING: G-1

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Baxter & Woodman, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 1601 Forum Place Suite 400 West Palm Beach, FL 33401	(3) ROLE Prime

## G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

## 29. EXAMPLE PROJECTS KEYS

NO.	TITLE OF EXAMPLE PROJECT ( <i>From Section F</i> )	NO.	TITLE OF EXAMPLE PROJECT ( <i>From Section F</i> )
1	Hurricane Harvey Disaster Recovery for Lift Stations	6	Lift Stations 45 and 51
2	SR A1A Water Main Improvement Construction Services	7	Palm Club Sewer Sanitary
3	Sanitary Sewer Rehabilitation Phases I-X	8	Integrated Master Plan
4	Key Haven to Key West Force Main	9	Core Area Water, Storm and Roadway Improvements
5	Lift Station No. 179 Rehabilitation	10	Broadway Water Main

## H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

Baxter & Woodman's staff of 398+ professionals have provided engineering services to more than 500 communities, counties, and sanitary districts during our 78 years of business.

The strength of the Baxter & Woodman team comes from the cohesive and cooperative work effort gained from having expertise in numerous disciplines. We offer a **full range of services** from project inception to construction close-out. All necessary engineering services are provided in-house with the exception of geotechnical engineering.

### Baxter & Woodman Highlights

An integral part of Baxter & Woodman's history, firm founders Richard Baxter & Lorrin Woodman instilled the values of hard work, perseverance, and integrity into the fabric of the company. That legacy lives on here today.

#### FOCUSED

Engineering, technical, and management solutions that shape and enhance our world. Building community value with every project we complete is our driving force.

#### COMMITTED

Dedicated to improving quality of life and providing smart infrastructure solutions that leave a positive impact on people, communities and the environment.

#### SERVICE ORIENTED

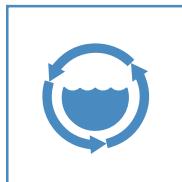
Our client-focused culture centers around exceeding expectations. We deliver responsive, reliable service ensuring an exceptional experience every time.



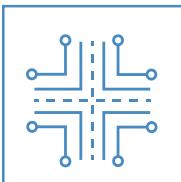
Water



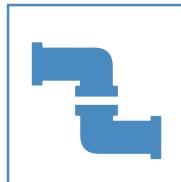
Stormwater



Wastewater



Transportation



Infrastructure



Structures/Bridges



Watershed Planning



Urban Planning



Spatial Technology



Construction



Automations/Controls



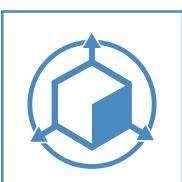
IT Support



Municipal Services



Survey & Drones



Visualization



Lighting/Smart Cities



Public Outreach



Natural Resources



Design-Build



Grants/Funding

## I. AUTHORIZED REPRESENTATIVE

*The foregoing is a statement of facts.*

31. SIGNATURE

32. DATE

12/06/2024

33. NAME AND TITLE

Derek Wold, PE, BCEE | Executive Vice President

# ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

RFQ No. 2025-007

## PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2A. FIRM (Or Branch Office) NAME			3. YR ESTABLISHED	4. UNIQUE ENTITY IDENTIFIER
Baxter & Woodman, Inc.			1946	047569686
2B. STREET			5. OWNERSHIP	
1601 Forum Place, Suite 400			A. TYPE	
2C. CITY		2D. STATE	2E. ZIPCODE	Corporation
West Palm Beach		FL	33401	B. SMALL BUSINESS STATUS
6A. POINT OF CONTACT NAME AND TITLE			N/A	
Derek Wold, PE, BCEE   Executive Vice President			7. NAME OF FIRM (If block 2a is a branch office)	
6B. TELEPHONE NUMBER		Baxter & Woodman, Inc.		
(815)-444-3335		dwold@baxterwoodman.com		
8A. FORMER FIRM NAME(S) (If any)			8B. YR. ESTABLISHED	8C. UNIQUE ENTITY IDENTIFIER
Mathews Consulting, Inc.			1998	

## 9. EMPLOYEES BY DISCIPLINE

## 10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	41	1	A12	Automation, Controls, Instrumentation	7
08	CADD Technician	15	2	B02	Bridges	3
12	Civil Engineer	61	6	C13	Computer Facilities & Service	6
15	Construction Inspector	36	7	C14	Conservation & Resource Mgt.	4
16	Construction Manager	10	3	C15	Construction Mgt.	7
21	Electrical Engineer	39		E03	Electrical Studies & Design	2
23	Environmental Engineer	47		E10	Environ. & Natural Resource Mapping	3
29	GIS Specialist	13		G04	Geographic Information Systems	3
38	Land Surveyor	6		I03	Industrial Waste Treatment	3
42	Mechanical Engineer	1		S04	Sewage Collection, Treatment, Disposal	7
57	Structural Engineer	3		S09	Structural Design & Special Studies	2
58	Technical	35		X13	Stormwater Handling/Facilities	5
60	Transportation Engineer	39	4	T03	Traffic & Transportation Eng.	8
62	Water Resource Engineer	29	7	T04	Topographic Surveying	3
	OTHER EMPLOYEES	23	2	W02	Water Resources, Hydrology, Ground Water	5
<b>Total</b>		<b>398</b>	<b>32</b>	<b>W03</b>	Water Supply, Treatment, Distribution	<b>7</b>

## 11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	0	1. Less Than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	9	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	9	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
		5. \$1 million to less than \$2 million	10. \$50 million or greater

## 12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

A. SIGNATURE	B. DATE
	December 4, 2024

C. NAME AND TITLE
Derek Wold, PE, BCEE   Executive Vice President



a. SIGNATURE

SIGNATURE



b. DATE

11/04/2024

---

**C. NAME AND TITLE**

c. NAME AND TITLE

## ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (*If any*)

RFQ No. 2025-007

## **PART II - GENERAL QUALIFICATIONS**

*(If a firm has branch offices, complete for each specific branch office seeking work.)*

2a. FIRM (or Branch Office) NAME <b>WIRX Engineering, LLC</b>			3. YEAR ESTABLISHED <b>2018</b>	4. UNIQUE ENTITY IDENTIFIER <b>82-3346253</b>
2b. STREET <b>515 E. Las Olas Blvd., 120</b>			5. OWNERSHIP	
2c. CITY <b>Fort Lauderdale</b>		2d. STATE <b>FL</b>	2e. ZIP CODE <b>33301</b>	a. TYPE <b>LLC</b>
6a. POINT OF CONTACT NAME AND TITLE  <b>Gregory Stelmack, PE / Managing Partner</b>			b. SMALL BUSINESS STATUS <b>CBE, DBE, MBE, SBE</b>	
6b. TELEPHONE NUMBER <b>954-451-0354</b>		7. NAME OF FIRM (If Block 2a is a Branch Office)  <b>WIRX Engineering, LLC</b>		
8a. FORMER FIRM NAME(S) (If any)  <b>WIRX Engineering, LLC</b>			8b. YEAR ESTABLISHED <b>2018</b>	8c. UNIQUE ENTITY IDENTIFIER <b>82-3346253</b>

## 9. EMPLOYEES BY DISCIPLINE

## 10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

#### 11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM

FOR LAST 3 YEARS

(Insert revenue index number shown at right)	
a. Federal Work	0
b. Non-Federal Work	5
<b>c. Total Work</b>	<b>5</b>

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than \$100,000	6. \$2 million to less than \$5 million
2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
5. \$1 million to less than \$2 million	10. \$50 million or greater

**12. AUTHORIZED REPRESENTATIVE**

*The foregoing is a statement of facts.*

The foregoing is a statement of facts.	
a. SIGNATURE 	b. DATE November 5, 2024
c. NAME AND TITLE Gregory Stelmack, PE / Managing Partner	

## ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

## **PART II - GENERAL QUALIFICATIONS**

*(If a firm has branch offices, complete for each specific branch office seeking work.)*

2a. FIRM (or Branch Office) NAME V&A Consulting Engineering, Inc. [Tampa, FL]			3. YEAR ESTABLISHED 1979	4. UNIQUE ENTITY IDENTIFIER QG9RSG579H53
2b. STREET 8600 Hidden River Parkway, Suite 550			5. OWNERSHIP	
2c. CITY Tampa		2d. STATE FL	2e. ZIP CODE 33637	a. TYPE C Corporation
6a. POINT OF CONTACT NAME AND TITLE Jeff Crowley, PE   Southeast Regional Manager			b. SMALL BUSINESS STATUS WBE	7. NAME OF FIRM (If Block 2a is a Branch Office) V&A Consulting Engineering, Inc.
6c. EMAIL ADDRESS jcrowley@vaengineering.com				
8a. FORMER FIRM NAME(S) (If any) Villalobos and Associates, Inc.			8b. YEAR ESTABLISHED 1979	8c. UNIQUE ENTITY IDENTIFIER QG9RSG579H53

## 9 EMPLOYEES BY DISCIPLINE

#### 10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

**12. AUTHORIZED REPRESENTATIVE**

*The foregoing is a statement of facts.*

a. SIGNATURE

Jeff Crossley

b. DATE

11/6/2024

c. NAME AND TITLE

NAME AND TITLE  
Jeff Crowley, PE | Southeast Regional Manager

## F. Litigation History

As a large regional consulting engineering firm providing services in the states of Florida, Illinois, Wisconsin, and Texas, Baxter & Woodman, in the course of our business, occasionally becomes involved as a party in claims, disputes, or litigation. However, we can affirm that there is no pending or threatened claim, dispute, or litigation which could reasonably be anticipated to have an adverse impact on our financial or professional ability to perform the services contemplated by this proposal. Below is a list of litigations from the past five years.

Name and Location	Nature of Claim	Date of Claim	Resolution Date of Claim and How Resolved	Court Case; County; State	Active/Inactive
Anne W. Humbert vs. Oak Forest, Baxter & Woodman, Iroquois Paving Corporation, and Traffic Control Company	Personal injury.	2023	Case in discovery.	2023 L 007758H; Circuit Court, Cook County, IL	Active
John M. Hughes vs. Manusos General Contracting, Inc., Northwest Technical, Wunderlich-Malec Services, Baxter & Woodman, Inc., and Stantec Consulting Services, Inc.	Personal injury.	2023	Case in discovery.	2023 L 0035251; Circuit Court, Cook County, IL	Active
Steven W. Becker, Thomas J. Becker, and Jeffrey C. Becker vs. Possibility Place Nursery, Inc., Connor B. Shaw, III; Tristan Shaw; Kelsay Shaw; Shaw Family Dec Trust; Saw Family Trust; County of Will; Will County Land Use Department; Tim Mack; Greg Ratajczak; Brian Radner; Nicole Roedl; Scott Killinger; Baxter & Woodman, Inc.; Donald Wauthier; and Berns, Clancy and Associates, P.C.	Land dispute between two property owners.	2022	Baxter & Woodman submitted motion to dismiss.	22 CV 3875; United States District Court, Northern District of Illinois	Active
Cheryl Brown vs. Village of LaGrange, LaGrange Elementary School District 102, Board of Education of LaGrange School District 102, Commonwealth Edison Company d/b/a COMED, an Illinois corporation, Triggi Construction, Inc., Lindahl Brothers, Inc., and Baxter & Woodman, Inc.	Pedestrian tripped on sign post outside of right-of-way/on private property.	2022	<b>INACTIVE</b> - Settled 2024.	2021 L 007195; Circuit Court, Cook County, IL	Inactive
Charles McGill vs. Foster Marine; Baxter & Woodman	Pedestrian tripped over sand bags.	2022	<b>INACTIVE</b> - Settled 2023.	50-2022-CA-010273-XXXX-MB; Judicial Circuit Court of Palm Beach County, FL	Inactive
Raymond Miller vs. Len Cox & Sons; Baxter & Woodman; PT Ferro Co	Bicyclist fell in construction zone.	2020	<b>INACTIVE</b> - Settled 2023.	2018 L 3422, 12th Judicial Circuit Court of Will County, IL	Inactive
John Melone vs. Village of Glenview	Construction worker injury.	2019	<b>INACTIVE</b> - Claim was denied, plaintiff failed to refile the claim. Case closed August 2022	2019 L 006916, Circuit Court of Cook County, IL	Inactive
Linda Bruno-Coffman and Richard Coffman vs. Southeastern Engineering Contractors, Inc., Murphy Pipeline Contractors, and Baxter & Woodman	Pedestrian tripped along sidewalk in construction zone.	2019	<b>INACTIVE</b> - Settled January 2021	17th Judicial Circuit Court of Broward County, FL CACE-19-003469	Inactive



## Chapter 4: Proposal Response Requirements Information



# A. Experience, Background, Reference Feedback

## **i. Qualifications Category**

We are submitting our qualifications for the **Wastewater Pump Station and Underground Pipeline Design Services** Category.

## **ii. Professional Services Background - a. & b.**

### **Firm Background**

Founded in 1946, Baxter & Woodman, Inc. provides consulting engineering and technology services to municipalities, state agencies, county governments, and sanitary districts throughout Florida, Illinois, Wisconsin, and Texas. Dedicated to promoting a sustainable future, our staff of more than 398 talented engineers, surveyors, technicians, and support personnel incorporates innovative techniques along with tried and true processes.

Baxter & Woodman provides planning, design, construction and technology services for water, wastewater, stormwater and transportation facilities for municipalities, counties and state agencies and more. Environmental, geographic information systems (GIS), water and wastewater operations, and advanced technology needs complement the firm's civil engineering expertise. The company has several subsidiaries including ones focused on Natural Resources, Municipal Technology, and Design-Build project delivery.

We are  
**Infrastructure planning,  
design and construction.**

Roads/Highways, Water/Wastewater, Water Resources/Stormwater, Technology

### **Firm Organization & Philosophy**

Baxter & Woodman, Inc. is a privately held, employee-owned corporation originating in Illinois. The company's success and integrity are determined by our employee shareholders. This corporate structure benefits our clientele because the project team assigned to each client has a direct vested interest in the success of each project.

### **Regional Offices**

Baxter & Woodman's 15 regional offices provides our clients with local presence and responsive service. Our team offers services that stretch well beyond typical engineering consulting. We are committed to building community value with each and every project we complete. Services for this project will be provided primarily from our West Palm Beach Office, with additional support from our other Florida office in Orlando.



#### West Palm Beach Office:

1601 Forum Place, Suite 400,  
West Palm Beach, FL 33401  
P: 561-655-6175

#### Orlando Office:

200 E. Robinson Street, Suite  
555, Orlando, Florida 32807  
P: 689-698-2304

#### Firm Headquarters:

8678 Ridgefield Road  
Crystal Lake, IL 60012  
P: 815-459-1260

The strength of the Baxter & Woodman team comes from the cohesive and cooperative work effort gained from having expertise in numerous disciplines. We deliver innovative, high-quality civil engineering solutions to meet the unique needs of our clients. With a team of experienced engineers and technicians, we provide **comprehensive services** that guide projects from concept to completion, confirming efficient, sustainable, and cost-effective results.

#### Baxter & Woodman Highlights

An integral part of Baxter & Woodman's history, firm founders Richard Baxter & Lorrin Woodman instilled the values of hard work, perseverance, and integrity into the fabric of the company. That legacy lives on here today.

##### FOCUSED

Engineering, technical, and management solutions that shape and enhance our world. Building community value with every project we complete is our driving force.

##### COMMITTED

Dedicated to improving quality of life and providing smart infrastructure solutions that leave a positive impact on people, communities and the environment.

##### SERVICE ORIENTED

Our client-focused culture centers around exceeding expectations. We deliver responsive, reliable service ensuring an exceptional experience every time.



## **c. Awards, Honors, and Recognition**

Baxter & Woodman has provided reliable and cost-effective solutions to our client's real-world challenges. Many of these solutions have been recognized for their high level of achievements, value, and ingenuity by our peer associations. We are honored to be recognized for our past engineering accomplishments.

### **Town of Lake Park, FL Lake Shore Drive Drainage Improvements**

APWA 2022 Florida Chapter  
Consultant of the Year  
Stormwater Award



### **City of Delray Beach, FL Osceola Neighborhood Improvements**

ACPA 2021 Sustainable  
Practices Recognition  
Award



### **Florida Keys Aqueduct Authority Duck Key Utility System Improvements**

FICE 2014 Engineering  
Excellence Grand Award



### iii. Client References

#### a. Town of Gulf Stream

b. Greg Dunham

c. [gdunham@gulf-stream.org](mailto:gdunham@gulf-stream.org)

d. 100 Sea Road, Gulf Stream, Florida 33483

e. phone: 561-455-3188; fax: 561-737-0188

f. Dates of Service: 1999-Ongoing

g. Scope: Baxter & Woodman conducted a Wastewater Feasibility Study for the Town of Gulf Stream in 2002 and updated it in 2020 to reflect current design standards and construction costs. The study evaluated three wastewater collection system options—gravity, low pressure, and vacuum sewers—and assessed wastewater transmission through neighboring cities to the South Central Regional Wastewater Treatment Plant. The project included evaluating wastewater flows, future growth, and providing a preliminary design and cost estimate for the system, along with identifying regulatory impacts and documenting the results.

#### a. Florida Keys Aqueduct Authority

b. David Hackworth, PE

c. [dhackworth@fcaa.com](mailto:dhackworth@fcaa.com)

d. 1100 Kennedy Dr., Key West, Florida 33040

e. phone: 305-295-2152; fax: 305-295-2188

f. Dates of Service: 2006-Ongoing

g. Baxter & Woodman provided engineering services to the Florida Keys Aqueduct Authority (FKAA) for several projects, including the design and construction of a Reclaimed Water Storage and Pumping Facility at Duck Key, which involved site improvements and construction management services. We also designed and permitted a hybrid wastewater conveyance system for the Central Cudjoe Regional Wastewater Collection System, incorporating both gravity and low-pressure sewer systems across the Inner Islands, and conducted extensive surveying, environmental reviews, and permitting. Additionally, Baxter & Woodman supported the FKAA with the Marathon Distribution Pump Station improvements and the design of an 8,000-foot wastewater force main from Key Haven to Key West, which included complex installation methods and coordination with multiple regulatory agencies.

#### a. City of West Palm Beach

b. Laura Le, PE

c. [LLe@wpb.org](mailto:LLe@wpb.org)

d. 401 Clematis St. 4th Floor, West Palm Beach, Florida 33401

e. phone: 561-494-1093 mobile: 561-644-7261

f. Dates of Service: 2017-Ongoing

g. Scope: Baxter & Woodman was selected by the City of West Palm Beach to provide engineering design services for the rehabilitation of several lift stations, including Lift Stations Nos. 47, 76, 20, 26, 89, and 100, addressing mechanical, structural, and electrical upgrades. The projects involved condition assessments, hydraulic modeling, permitting, and construction management, with specific tasks such as upgrading pumps, replacing piping, and adding emergency systems. Additionally, Baxter & Woodman designed and implemented sewer system improvements, including force mains and lift station upgrades, to reduce sanitary sewer overflows and improve overall system reliability. Baxter and Woodman has also developed the City's previous and current Water Master Plans and Wastewater Master Plans.

**a. City of Boynton Beach**

b. Poonam Kalkat

c. email: [kalkatp@bbfl.us](mailto:kalkatp@bbfl.us)

d. 100 E. Ocean Avenue, Boynton Beach, FL 33435

e. phone: 561-742-6403

f. Dates of Service: 2014-Ongoing

g. Scope: Baxter & Woodman provided a range of services for the City of Boynton Beach, including design, construction management, and full-time inspection for various infrastructure projects. Our work involved evaluating and improving wastewater systems, stormwater management, and utility services, such as extending a reclaimed water main and replacing asbestos cement water mains. Baxter & Woodman also completed bidding, construction oversight, and review of technical specifications for multiple projects, including utility and drainage improvements, ensuring project completion and regulatory compliance.

**a. Harris County MUD 102**

b. Randal (Randy) Ward

c. [hawkeye1504@sbcglobal.net](mailto:hawkeye1504@sbcglobal.net)

d. c/o Myrtle Cruz Inc.; Attn: Amy Symmank; 3401 Louisiana Street, Houston, Texas 77002-9552

e. phone: 281-856-5455; fax: 281-856-4628

f. Dates of Service: 2008-Ongoing

g. Scope: Baxter & Woodman provided comprehensive engineering services for various wastewater and sanitary sewer projects, including flood recovery and mitigation improvements at wastewater treatment plants. We designed a new disinfection system and chlorine contact basin, elevating equipment above the 500-year floodplain to prevent future flood damage. Additionally, Baxter & Woodman provided cleaning, televising, and rehabilitation services for the sanitary sewer systems, including CIPP lining, point repairs, and re-television to ensure system integrity, while also working with Harris County MUD No. 102 on an action plan to reduce sanitary sewer overflows through regular maintenance and rehabilitation efforts.

**a. Town of Lake Park**

b. John Wille

c. [jwille@lakeparkflorida.gov](mailto:jwille@lakeparkflorida.gov)

d. 535 Park Avenue, Lake Park, Florida 33403

e. phone: 561-881-3345 , Ext. 647

f. Dates of Service: 2022-Ongoing

g. Baxter & Woodman provided engineering services to the Town of Lake Park for several projects involving site improvements and construction management services. Additionally, they provided multimedia services, including creating short, interactive progress and public service videos for social media, project websites, and meetings, to engage the public and inform them about project developments. They also designed and managed custom project websites, such as for the Town of Lake Park's Lake Shore Drive Drainage Improvements, offering stakeholders a centralized online resource for real-time updates, project details, and FAQs. These websites serve as key platforms for sharing progress, schedules, photos, and other relevant project information.

**a. City of Wilton Manors**

b. Albert (Bert) Fisher

c. [afisher@wiltonmanors.com](mailto:afisher@wiltonmanors.com)

d. 2020 Wilton Drive, Wilton Manors, Florida 33305

e. phone: 954-390-2100 fax: 954-390-2199

f. Dates of Service: 2021-Ongoing

g. Scope: Baxter & Woodman provided an in-depth evaluation of multiple lift stations in the City of Wilton Manors, FL, focusing on their operational performance, site conditions, and electrical infrastructure as part of the City's Integrated Stormwater, Wastewater, and Water Master Plan. Our services included inspections to assess pump performance, such as drawdown capacity, runtimes, and flow issues, alongside evaluations of structural conditions like concrete slabs, wet wells, and piping. Additionally, Baxter & Woodman reviewed electrical systems, identifying issues such as corrosion, outdated components, inadequate protection against sewer gases, and non-functional flow meters, and provided recommendations for necessary upgrades or replacements. Baxter and Woodman has also designed the replacement of asbestos cement water mains utilizing pre-chlorinated pipe bursting methods along NW 29th Street and extension of water main and force main across the North Fork of the Middle River via bridge attachment on NW 9th Avenue.

**a. Town of Lantana**

b. Eddie Crockett

c. [ecrockett@lantana.org](mailto:ecrockett@lantana.org)

d. 510 W. Pine Street, Lantana, Florida 33462

e. phone: 561-540-5753 fax: 561-540-5759

f. Dates of Service: 2001-Ongoing

g. Scope: Baxter & Woodman provides comprehensive engineering services for the Town of Lantana, including water main replacement, wastewater system evaluations, and lift station upgrades. Services included the design and permitting for water main replacement to improve fire flow coverage, evaluations of the wastewater system to assess capacity and conditions, and the design of a new telemetry system for remote monitoring of wastewater lift stations. Additionally, Baxter & Woodman performed detailed condition assessments, developed an Integrated Stormwater, Wastewater and Water Master Plan including the capital improvement plans, and facilitated upgrades to mechanical, electrical, and control components at various lift stations to ensure efficient operation and extend the lifespan of key infrastructure.

**a. Town of Lauderdale-By-The-Sea**

b. Kenneth (Ken) Rubach

c. [KenR@lauderdalebythesea-fl.gov](mailto:KenR@lauderdalebythesea-fl.gov)

d. 510 W. Pine Street, Lantana, Florida 33462

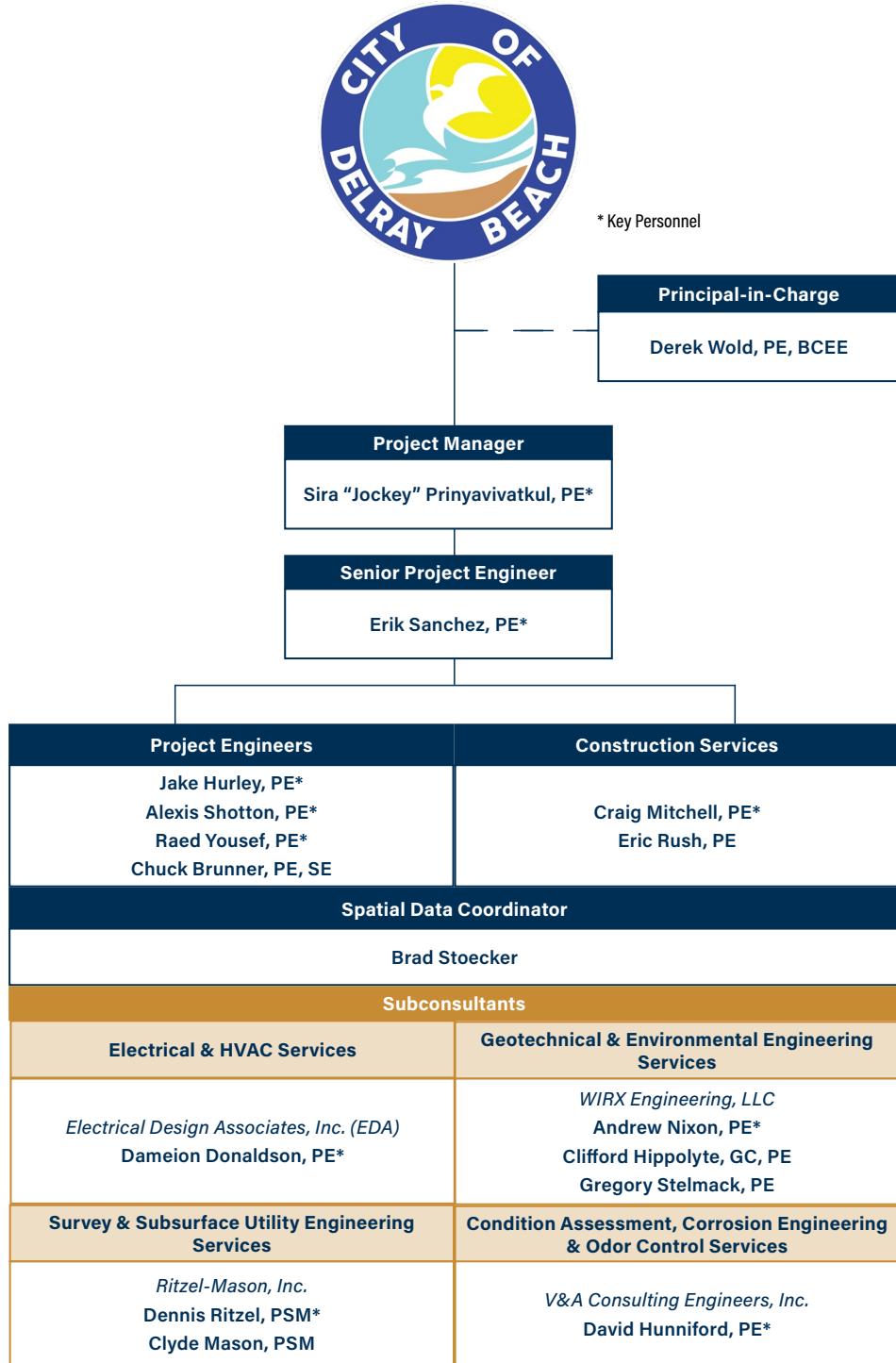
e. phone: 954-640-4200 fax: 630-594-1105

f. Dates of Service: 2011-Ongoing

g. Scope: Baxter & Woodman was contracted by the Town of Lauderdale-By-The-Sea to provide engineering design, permitting, public coordination, and construction services for the sewerage of the Palm Club neighborhood. Their work included designing a gravity sewer system, a new lift station with force main piping, and electrical telemetry for the lift station, as well as installing new sanitary sewer lines, manholes, and service laterals. Additionally, the project involved roadway reconstruction and resurfacing, benefiting approximately 100 residential units previously on septic tanks and offering an environmental credit for sewerage an area near the Intracoastal Waterway.

# iv. Project Team - a. b. & c.

The City of Delray Beach will benefit from our skilled, well-coordinated project team with expertise in designing similar projects. The structure of our organization is designed to provide the City with client involvement throughout all phases of your project while utilizing our responsive network of technical and administrative support staff. Led by our Project Manager Sira "Jockey" Prinyavivatkul, PE, this project team will work with the City to design a successful project! Resumes are included on the following pages for Key Personnel.



# Sira "Jockey" Prinyavivatkul, PE

## Project Manager



Sira serves as Baxter & Woodman's Water and Wastewater Department Manager for the Florida Division. His expertise includes design of water and wastewater infrastructure including lift station, sanitary sewer, stormwater management, potable water, and water reclamation projects. His background includes providing engineering design, permitting, bidding, construction management and observation for roadway, pavement, culvert improvements, pressure pipe, pump stations, as well as levee inspections.

## REPRESENTATIVE PROJECTS

### Boca Raton, FL

#### *Lift Station 179 Rehabilitation*

Project Manager for the data collection, engineering design, and permitting services related to the replacement of lift station 179. Design included the development of a preliminary design report identifying future projected wastewater flows and the design of a lift station to replace an aging and under capacity lift station. The design also included a 400 linear foot horizontal directional drill installation of a 10-inch HDPE pipe and restoration of the intersection of Broken Sound Parkway and Congress Avenue.

### Florida Keys Aqueduct Authority, FL

#### *Key Haven Wastewater Force Main Improvements*

Project Manager for the design of the wastewater force main from Key Haven to Key West and associated pump station upgrades. FKAA requested we extend their existing wastewater force main from the Key Haven subdivision west along US Highway 1/Cow Key channel to connect to the City of Key West gravity sewer at the intersection of Duck Avenue and South Roosevelt Boulevard in Key West. A combination of installation methods was used, including directional drilling, slip-lining, and open cut. Existing pump stations was evaluated for necessary upgrades to accommodate the extension.

### Gulf Stream, FL

#### *Core Area Neighborhood Improvements*

Project Manager for the data collection, engineering design, permitting and bidding assistance for the Town of Gulf Core Area Improvements project. The Core Area consists of approximately 80 acres of single and multi-family residences. The improvements included the replacement of all existing asbestos cement water mains, remediation of localized ponding, and replacement of roadway pavement. The existing asbestos cement water mains were replaced with C900 PVC water mains via open cut trench methods. All roadways were redesigned with valley gutters, longitudinal grading with modifications to the existing stormwater system to provide positive discharge.

## EDUCATION

B.S. Ocean Engineering,  
Florida Atlantic University,  
2002

Joined Firm in 2019

Years of Experience: 24

## REGISTRATIONS

Licensed Professional  
Engineer: Florida

## ASSOCIATIONS

American Society of Civil  
Engineers (ASCE)

Water Environment  
Federation (WEF)

# Erik Sanchez, PE

Senior Project Engineer



Erik recently moved from our Houston office to lead our Orlando Water and Wastewater team. Erik has over 14 years of experience in civil engineering planning and design, primarily in the areas of wastewater collection and treatment. Erik consistently demonstrates the ability to adhere to tight schedules and deliver projects on time. His strong background in cost control confirms that projects are completed within budget, without compromising on quality. His values foster a cooperative and productive working environment.

## REPRESENTATIVE PROJECTS

### Houston, TX

#### ***Hurricane Harvey Disaster Recovery for Lift Stations***

Team Leader responsible for the evaluation of 39 lift stations providing in-depth asset inventory and condition assessment to support development of a comprehensive asset management system. The evaluation included the overall condition of structural, mechanical, electrical, and instrumentation components as well as hydraulic capacity of the lift stations. An assessment report was written for each lift station summarizing the facility background, condition assessment, optimal operating condition, and cost estimates. Recommendations included three options: improvements to bring the facilities up to code; improvements to mitigate and prevent future flooding; and consolidation. Erik assisted with the expedited completion of all FEMA forms and claims, allowing the City to meet submittal deadlines and qualify for funding.

### Harris County WCID No. 116, TX

#### ***Sanitary Sewer Rehabilitation Phases I - X***

Project Manager responsible for the preparation of plans and specifications for the rehabilitation of approximately 70,000 linear feet of 8-, 10-, 12-, 15-, 18-, 21-, and 24-inch sanitary sewer lines as planned for Phases 1 through 10. Rehabilitation included cured-in-place pipe (CIPP), pipe bursting, obstruction removals, point repairs, and external service repairs. Total CIP cost is estimated at \$4,900,000.

Erik recommended and created a 10-year plan to rehabilitate the entire wastewater collection system. The client saved over \$500,000 following the recommendations described in the plan. Smoke testing provided the information needed to prioritize the scope and allowed a design-build philosophy by televising the gravity mains during construction phases.

### Aqua Texas

#### ***Pine Trails WWTP Expansion Phase II***

Project Manager and Team Leader responsible for designing the 1.20 MGD expansion for Pine Trails WWTP. The expansion included conversion of dry/wet pit to submersible lift station, conversion of old rectangular clarifiers to aeration basins, new air supply system, and cloth media filtration system. Erik engineered a construction sequence to allow full construction with no interruptions to existing treatment. Designed bypass pumping with pumps connecting to existing electrical service, reducing fuel cost by \$200,000. Design was completed ahead of schedule.

# Jake Hurley, PE

Project Engineer



## EDUCATION

B.S., Civil Engineering,  
University of Central Florida,  
2016

International Engineering  
Minor, University of Central  
Florida, 2016

Joined Firm in 2021

Years of Experience: 9

## REGISTRATIONS

Licensed Professional  
Engineer: Florida

## ORGANIZATIONS

Florida Water Environmental  
Association (FWEA) –  
Southeast Chapter – 2024  
Secretary

Jake Hurley is unique in his ability to understand projects from the perspectives of the municipality, general contractor, and design engineer. Jake's focus is Water/Wastewater and he is a project manager with experience in engineering design, permitting, bidding, and construction services. He started his career as a field/project engineer working for the general contractor Wharton Smith, Inc, then joined the City of Boynton Beach Utilities Department as a project manager and staff engineer.

## REPRESENTATIVE PROJECTS

### Florida Keys Aqueduct Authority, FL

#### *Key Haven Wastewater Force Main Improvements*

Project Engineer for the design of the wastewater force main from Key Haven to Key West and associated pump station upgrades. FKAA requested we extend their existing wastewater force main from the Key Haven subdivision west along US Highway 1/Cow Key channel to connect to the City of Key West gravity sewer at the intersection of Duck Avenue and South Roosevelt Boulevard in Key West. A combination of installation methods was used, including directional drilling, slip-lining, and open cut. Existing pump stations were evaluated for necessary upgrades to accommodate the extension.

### Lantana, FL

#### *Broadway and West Pine St. Water Main Improvements*

Project Manager/Engineer of Record for approximately 3,550 linear feet of water main replacement. Scope of work included replacement of cement asbestos water main, roadway improvements, new sidewalks and driveways, permitting, and construction support. The project was completed on budget and ahead of schedule.

### Highland Beach, FL

#### *Lift Station No. 3 Improvements and Hardening*

Project Manager and Engineer of Record. The scope of work included raising an existing lift station to mitigate storm water damage. The station is low lying and near salt water. Improvements included a new top slab, valve vault, and electrical panel.

### Lantana, FL

#### *Water Treatment Plant High Service Pump Improvements*

Bidding & construction services for the demolition and replacement of high service pumps, valves, and piping. Installation of a temporary bypass system for plant operation. Construction of electrical building included new main breaker, automatic transfer switch (ATS), variable frequency drives (VFDs), programmable logic controller (PLC) and various mechanical, structural, and electrical/instrumentation appurtenances and modification.

# Alexis Shotton, PE

Project Engineer



## EDUCATION

B.S., Civil Engineering  
University of Illinois at Urbana-Champaign, 2017

A.S, Engineering Science,  
Kishwaukee College, 2014

Joined Firm in 2017

Years of Experience: 7

## REGISTRATIONS

Licensed Professional  
Engineer: Florida

Alexis' focus is in Water/Wastewater engineering, including engineering design of underground infrastructure and pump stations, utility rate studies, computerized maintenance and management systems, master plans, and vulnerability assessments.

## REPRESENTATIVE PROJECTS

### Wilton Manors, FL

#### ***NW 29th Street and NW 30th Court Potable Water Improvements***

Project Engineer for design of potable water main consisting of replacement of approximately 4,000 lineal feet of 6-inch water main using pipe bursting methods and reconnecting water service lines to the new water main. The project requires coordination with FDOT and Broward County.

### Lantana, FL

#### ***Integrated Utility Master Plan***

Project Manager for the preparation of an Integrated Master Plan to inventory, assess and prepare a Capital Improvement Plan for the water distribution system, wastewater collection system, and stormwater system.

### Lake Park, FL

#### ***Grant Assistance***

Project Engineer assisting the Town with preparation of an Environmental Assessment in order to obtain Florida Program Planning Grant funding for three stormwater projects throughout the Town. The project includes coordination and compliance with various agencies including Historic Preservation, Clearinghouse, FEMA, Tribal Lands, Coastal Zone Management Act, and others for each of the projects. The project also included preparation of maps and exhibits and collection of a variety of resources, including photographs and previous data reports.

### Wilton Manors, FL

#### ***SLR Vulnerability Assessment***

Project Engineer assisting the City with preparation of a Sea Level Rise Vulnerability Assessment on the City's infrastructure. This includes performing an exposure analysis to identify the depths of flooding caused by SLR, storm surge, rainfall events, and/or compounded flood scenarios, and performing a sensitivity analysis to determine the impact of flooding on the City's critical assets. This project also includes supporting the City with steering committees and public outreach meetings.

### Lake Park, FL

#### ***Southern Outfall Improvements***

Project Engineer for replacement of 72-inch storm sewer pipe with two 60-inch storm sewer pipes in order to increase stormwater flow capacity to improve flood protection and address sea level rise. This project requires coordination with FDOT and South Florida Water Management District.

# Raed Yousef, PE

## Project Engineer



### EDUCATION

B.S., Civil Engineering, South Dakota State University, 2013

Joined Firm in 2024

Years of Experience: 11

### REGISTRATIONS

Licensed Professional Engineer: Florida, South Dakota

\* while working for others

Raed has 11 years of experience leading large-scale municipal projects from inception to completion. His expertise encompasses project management, construction oversight, water and wastewater utilities, and engineering evaluations, utilizing tools like AutoCAD, ArcGIS, and Primavera P6. Raed is also proficient in permitting, grant application assistance and utility coordination.

### REPRESENTATIVE PROJECTS

#### **Pasco County Utilities, FL\***

##### ***Cypress Manor Wastewater Treatment Plant Replacement***

Project Engineer responsible for designing the replacement of existing sanitary plant with a prebuilt batch sanitary treatment plant. The existing plant needed to stay in operation while the new plant was being installed.

#### **Pasco County Utilities, FL\***

##### ***Embassy Hills Wastewater Treatment Plant Improvements***

Project Engineer responsible for the rehabilitation of Embassy Hills Wastewater Treatment Plant. The project was implemented into two phases. Phase I consisted of improvements of two clarifiers and chlorine contact basins, and installation of a new electrical building, switchgear, generators, disc filters, and reject diversion structure. Phase II consisted of installing VFDs and MCCs, replacing blowers, submersible influent pumps, and bar screens, and upgrading the SCADA system and aeration basins.

#### **Sioux Falls, SD\***

##### ***26th Street Mill & Overlay Design***

Project Manager for the 26th Street improvements. The project consisted of edge mill concrete and overlay with two inches of asphalt, sanitary and waster repairs, installation of storm sewer and storm inlets, and ADA ramp upgrades.

#### **Sioux Falls, SD\***

##### ***Pump Station 240 Improvements***

Project Manager for the multi-phase improvements for Pump Station 240. Phase I consisted of grading the sanitary detention EQ basin. Phase II consisted of a 12-mile stretch of 30-inch sanitary force main from the pump station to the sanitary treatment plant. Phase 2A consisted of installing 1 mile of 30-inch HPDE forcemain and an 8-inch gravity sewer. Phase 2B consisted of installing 11 miles of 30-inch forcemain.

#### **Sioux Falls, SD\***

##### ***57th Street Expansion***

Project Manager responsible for overseeing the installation of watermain and temporary culverts and grading of roadway and temporary ditches for 57th Street from Veteran's Parkway to Six Mile Road. The project consisted of storm structures, watermain, gravity sewer, street and traffic lights, and concrete roadway and median paving.

# Craig Mitchell, PE

Construction Manager



## EDUCATION

B.S., Civil Engineering, Iowa State University, 1989

Joined Firm in 2004

Years of Experience: 35

## REGISTRATIONS

Licensed Professional Engineer: Illinois, Wisconsin, and Florida

## IDOT CERTIFICATIONS

Small Drainage Structures

Documentation (Cert No. 20-18043)

CMMS

Bridge Superstructures

Concrete Structures Other Than Bridge Decks

Continuously Reinforced PCC Pavement

Earth Excavation and Embankment

Erosion Control

HMA Binder & Surface Course

HMA Pavement (full-depth)

HMA Shoulders

Pavement Patching

Piling

Pipe Culverts

PCC Pavement

Craig serves as Construction Manager on numerous large, complex transportation and infrastructure improvement projects and heads our Construction Services Group. Craig guides our construction staff through projects ranging from resurfacing to multifaceted reconstruction and new construction projects.

## REPRESENTATIVE PROJECTS

### Delray Beach, FL

#### ***Osceola Park Neighborhood Improvements CEI Services - Phase 2***

Served as Construction Advisor for this project. The project consisted of potable water main improvements, drainage improvements, sanitary sewer improvements, roadway reconstruction, roadway mill and overlay, alleyway improvements, signage and pavement marking improvements, curbing, sidewalk, and driveway improvements, decorative LED lighting improvements, and landscaping and irrigation improvements.

### Delray Beach, FL

#### ***Atlantic Dunes Park CEI Services***

Served as Construction Manager for CEI Services for the Atlantic Dunes Park Seawall Replacement. The construction improvements consisted of demolition of existing seawall, and construction of new seawalls, including precast sheet piles and cast in place concrete pile cap.

### McHenry County Division of Transportation, IL

#### ***Randall Road Reconstruction Phase III***

Construction Manager for \$46M pavement widening, reconstruction and resurfacing, sidewalk installation, pedestrian underpass and associated multiuse path, construction of five retaining walls, traffic signal modernization (five existing locations), two new traffic signal installations, earth excavation, furnished excavation, PCC pavement, HMA pavement, aggregate subgrade, curb and gutter, box culvert installation, landscaping, striping, storm sewers, lighting, and water main installation.

### West Dundee, IL

#### ***Huntley Road Reconstruction***

Construction Manager for an \$8 million STP-funded project in unincorporated Kane County and the Villages of West Dundee and Carpentersville. The project involved reconstructing Huntley Road from Sleepy Hollow Road to Elm Avenue. Huntley Road was widened to a three-lane facility with a flush median, curb and gutter, and storm sewer from east of Sleepy Hollow Road to just west of Westley Lane. It was expanded to a five-lane facility with a raised median and additional storm sewer from west of Westley Lane to Elm Avenue. The Huntley Road/Elm Avenue intersection was upgraded to connect with IDOT's Huntley Road/IL 31 improvements. A shared-use path was added on the south side of Huntley Road from Sleepy Hollow Road to Hamilton Drive, a 5-foot sidewalk from Tartan Drive to Harbor Drive, and a 10-foot multi-use path from Tay River Drive to Elm Avenue.



## Dameion Donaldson, P.E.

Electrical Engineer

Mr. Donaldson is the chief electrical engineer for Electrical Design Associates, Inc., and has 20 years of experience in various projects within the private and public sectors. He is experienced in designing electrical power distribution for municipal systems, water and wastewater treatment facilities, above and below ground distribution systems, lighting systems for roadway and industrial facilities. His electrical designing responsibilities encompass all aspects of drawing production, as well as system design.

### **Experience:**

Mr. Donaldson has been involved in the electrical system design on a variety of projects including, but not limited to:

- WTP Generator Replacement for High Service Pump Building  
Delray Beach, FL
- Master Lift Station No. 309  
Boynton Beach, FL
- Westport WWTP Expansion  
Port St. Lucie, FL
- WRF Influent Pumping & Headworks Imps  
Largo, FL
- Boca Wells 35W, 36W and 37W Improvements  
Boca Raton, FL
- WTP Wells 10, ,11, 12 & 13 Upgrades  
Tamarac, FL
- Riviera Beach Evaluation  
Riviera Beach, FL
- PBC System Wide Wellfield Improvements  
Palm Beach County, FL

### **Academic Credentials:**

Bachelors of Science in Electrical Engineering  
Florida International University, 2003

Professional Engineer – Florida 70851

### **Employment Record:**

2011-Present: Electrical Design Associates, Inc.  
President

2009-2011: Lea & Elliot, Inc.  
Electrical Project Engineer

2008- 2009: Gers USA Consulting  
Electrical Engineer

2006-2008: Electrical Design Associates, Inc.  
Electrical Engineer

2004-2005: Ivax Research, Inc.  
Electrical Project Engineer

### **Principal Areas of Expertise:**

Electrical Design of Power Distribution,  
Lighting, and Fire Alarm Systems for  
Environmental, Municipal and Commercial  
Projects

Electrical Cost Estimating  
Testing and Commissioning

### **Professional Activities:**

Florida Engineering Society (FES)  
Institute of Electrical & Electronics Engineers  
(IEEE)  
IEEE Power and Energy Society



## Andrew Nixon, PE

Senior Project Engineer / Managing Partner  
18 Years of Experience



Mr. Nixon has 18 years of experience including providing Environmental, Geotechnical and Construction Materials Testing Services for low and high-rise structures, infrastructure, utilities, water and wastewater treatment plants, pump stations, bridges, piers, stormwater treatment areas, canal improvements, reservoirs and dams, roadways, etc. He prepares and reviews geotechnical and materials engineering inspection reports, coordinates and supervises engineering staff and drilling personnel, and conducts foundation observations, foundation design reviews and geotechnical instrumentation monitoring.

He has provided oversight of field and laboratory testing programs during the construction phase of a variety projects, and supervised other engineers in the Construction Materials Testing Department. The testing programs typically included the performance of earthwork inspections, field and laboratory testing of soils, and field sampling of concrete. Mr. Nixon has also inspected and supervised testing programs during the construction of various roadway projects.

### RELATED PROJECT EXPERIENCE

**Town of Gulf Stream: Various Improvements, Palm Beach County, Florida** - Mr. Nixon served as the Geotechnical EOR for this project, which includes reconstructing the pavement, replacing water mains (direct bury installation), installing drainage improvements, a lake expansion, and regrading the site for positive discharge of stormwater.

**Town of Manalapan: Water Distribution System Improvements, Palm Beach County, Florida** - Mr. Nixon served as the Geotechnical EOR for the project, which proposed to install a water main from SR A1A to Lands' End Road, under the Intracoastal Waterway using HDD methods.

**City of West Palm Beach: Water Treatment Plant, Palm Beach County, Florida** - Mr. Nixon served as the Geotechnical EOR for the West Palm Beach Water Treatment Plant Improvement project, which consisted of the removal of existing underground cisterns and construction of a wet well. The wet well entailed a deep excavation in proximity to an existing water tank, which involved underpinning the water tank.

**Town of Jupiter: Pine Gardens North Infrastructure Improvements, Palm Beach County, Florida** - Mr. Nixon served as the Geotechnical EOR for Pine Gardens North Infrastructure Improvements project, which included roadway and drainage improvements.

**Palm Beach County: Smith Sundy Road over the LWDD L-33 Canal Bridge Replacement, Palm Beach County, Florida** - Mr. Nixon served as the Geotechnical EOR for the replacement of the existing bridge over the L-33 Canal with a new structure that meets current AASHTO and FDOT requirements for traffic safety and Florida legal loads. Foundation recommendations were provided for 14 and 18 inch Precast Prestressed Concrete (PPC) piles. The computer model FB-Deep was used to evaluate the estimated axial capacities for the 14 and 15-inch PPC piles.

### CONTACT

515 E Las Olas Blvd., Suite 120  
Fort Lauderdale, FL 33301  
AndrewNixon@wirxeng.com  
(561) 762-8918

### EDUCATION

Bachelor of Science in Ocean  
Engineering, Florida Atlantic  
University, Florida (2005)

### PROFESSIONAL LICENSING

Engineer – FL #PE 71458  
OSHA 40-hour HAZWOPER  
Advanced MOT  
Qualified Stormwater Inspector

### EXPERIENCE

WIRX = 2 years  
Other Firms = 16 years

AVAILABILITY = 75%

# Dennis Ritzel, PSM, EI

Licensed Surveyor

## EDUCATION

B.S. Geomatics Engineering,  
Florida Atlantic University,  
2013

A.A. Palm Beach Community  
College, 2009

Joined Firm in 2019

Years of Experience: 28

## REGISTRATIONS

FL PSM #6953 (2013)  
FL EI #1100022325 (2019)  
UAS107 #1856855 (2018)  
CST #1102-1681 (2005)

## TRAININGS

Trenchless Technology  
Center (TTC) Utility  
Investigation School - 40  
Hours

## ASSOCIATIONS

Gold Coast Land Surveyors  
Council (former President)

Dennis has over 28 years of experience in surveying and mapping, specializing in right-of-way mapping, control surveys, design surveys, and sketch & legals. Since 1996, he has gained extensive expertise in the field, becoming proficient in the latest industry technologies and software. He has utilized laser scanning equipment since 2005 and is skilled in point cloud processing, 3D modeling, and corridor mapping. Additionally, Dennis has been involved in subsurface utility engineering (SUE) since 2006 and is certified to plan and evaluate SUE processes.

## REPRESENTATIVE PROJECTS

### Ft. Lauderdale, FL

#### *City of Fort Lauderdale Watermain Project*

Served as Project Manager to support surveyor to trace 19 miles of watermain in support of the GIS utility mapping system. Ritzel-Mason 19 mile portion was marked with GPR and surveyed. Water meters and other above ground water main features were collected and added to the survey.

### Gulf Stream, FL

#### *State Road A1A Gulf Stream*

Served as Project Manager to support surveyor and engineer to designate utilities in a 1.1-mile corridor of State Road A1A. PM coordinated with survey field crews to mark underground utilities within the right-of-way.

### West Palm Beach, FL

#### *Australian Avenue from Banyan Blvd. to 45th Street*

Served as Project Manager to support engineer's design. Survey work was completed using a Leica laser scanner. Bridge data was included. SUE work included test holes and utility designates. Design survey was delivered in MicroStation ORD.

### West Palm Beach, FL

#### *Seminole Colony East Drainage Improvements*

Served as Project Manager to support engineer's design. Survey work was completed using total station methods. Tree data and drainage information was collected. Design survey was delivered in MicroStation ORD. Test holes are to be completed at a later date.

### West Palm Beach, FL

#### *State Road 704 - Downtown West Palm Beach*

Served as Project Manager to support engineer's design efforts for City of West Palm Beach and FDOT. Survey work was collected on east and west bound State Road 704 from Tamarind Avenue to Flagler Avenue through downtown. Utility designates were completed at the intersection quadrants. Right-of-way was mapped. Drainage data collection is currently ongoing.



# David J. Hunniford, PE

## Odor & Corrosion Control Engineer

### EDUCATION

B.S., Chemical Engineering,  
Georgia Institute of  
Technology, 1982

Joined Firm in 2019

Years of Experience: 38

### REGISTRATIONS

Professional Engineer:  
Florida (#43314)

Dave has over 38 years of experience in the field of water and wastewater odor, hydrogen-sulfide-related corrosion, and trenchless pipeline engineering. Project expertise includes solving various odor and corrosion issues in municipal water and wastewater systems, including collection, distribution, and treatment systems, as well as installing pressure pipelines by horizontal directional drill, jack and bores, slip lining, and pipe bursting. He also participated in multiple publications & patents.

### REPRESENTATIVE PROJECTS

#### Sarasota, FL

##### *Wendell-Kent Pump Station Rehabilitation*

Project Manager responsible for condition assessment and odor control-related engineering services for rehabilitating a 3.4 MGD regional pump station. The fourteen-year-old submersible station experienced liner failure and significant concrete wall loss due to extreme hydrogen sulfide-induced corrosion. Rated the condition of walls and ceiling, performed surface penetration, and pH testing. Evaluation of existing biological odor control (OC) system and development of sulfide loading basis were used to provide design basis recommendation for new ventilation and vapor phase OC system.

#### Manatee County, FL

##### *Manatee County, Odor & Corrosion Control Program*

Providing ongoing technical oversight and program management for countywide collection system enhancement hydrogen sulfide control aimed at reducing corrosion. Routine services include monthly meetings/reports, directing vendor activities, and evaluating performance data for a \$5M+ annual program. V&A assessed existing collection system odor control program across three collection system areas that collectively conveyed 24 MGD of wastewater via 700+ lift stations with the goal of reducing MLS H2S to levels that would mitigate corrosion. Key recommendations involved implementing an additional liquid phase treatment approach to adjust wastewater pH. The program received FWEA award for Environmental Stewardship.

#### West Palm Beach, FL

##### *East Central Regional WRF - Grit Removal Facility Pipe Failure Investigation*

Project Manager responsible for investigating leak on the 48-inch ductile iron pipe (DIP) used to divert influent flow from the ECRWRF Grit Removal Facility (GRF) to the flow equalization basin. Baxter & Woodman (B&W) retained V&A to assess the DIP leaving the GRF and passing under the adjacent Headworks Odor Control System (HOCS) as a portion of HOCS foundation had been undermined. V&A coordinated cleaning and CCTV inspection of the target pipe section and provided visual internal condition assessment ratings using the VANDA scale. V&A determined sulfide induced corrosion created numerous small holes in the pipe.



# B. Approach to Project Management i, ii, iii & iv

## i. Project Understanding

Baxter & Woodman understands the City of Delray Beach needs engineering services for wastewater pump stations and underground pipelines from a local top tier consultant that has the breadth and range to execute the broad scope of projects as the City has listed in the RFQ. Baxter & Woodman has assembled a team that can perform all the work listed under this scope. Our firm has extensive experience working for many of our current clients in South Florida under continuing services agreements that are administered in accordance with the Consultants' Competitive Negotiation Act (CCNA). The projects that fall within the limits of the CCNA are typically small to medium size projects that require expeditious execution. The continuing services agreement allows the City to reduce a project schedule by bypassing the Request for Qualification/Proposal process and immediately develop a scope of work with Baxter & Woodman directly. Baxter & Woodman understands that the City of Delray Beach is extremely sensitive to the needs of its residents and businesses.

**We understand that the tasks that will be included under the Wastewater Pump Station and Underground Pipeline Design Services** includes a varied array of projects considered to be "Outside the Fence." These tasks include:

- Reclaimed Water Transmission & Distribution System Expansion/ Improvements
- Potable Water Distribution System Improvements/Replacements
- Wastewater Collection & Distribution System Improvements/ Replacements
- Lift Station Improvements
- Permitting
- CEI
- Geographic Information Systems Services
- Phase I & Phase II Environmental Analysis
- Structural Assessments

- HVAC & Mechanical Design
- Electrical Evaluation & Design
- Site Plan Review
- AutoCAD Services
- Energy Efficiency Potential Studies & Implementation Plans
- Emergency Management Response
- Grant Management Services for Federal, State & Local programs
- Engineering analysis, cost estimates and reports
- Preparation of construction documents and services during bidding phase
- Shop drawing review
- Instrumentation & Control



The City will benefit from our vast experience, regulatory knowledge,

and professional reputation; providing the most cost-effective engineering services based upon the following:

- Streamlined operations to implement projects efficiently
- Cost-effective engineering rates
- Minimal change orders and schedule delays
- Highly experienced in the design and construction of roadways, stormwater improvements, sidewalks, lift stations, water and wastewater systems, and pipelines
- Experienced in meeting schedules for fast-track projects
- Strong understanding of the local regulatory environment and our working relationship with permit reviewers confirms timely releases and certifications for construction
- Maintain continuity of project staff throughout duration of the project
- Readily accessible to service you at a moment's notice

## We anticipate that Baxter & Woodman will be assisting the City of Delray Beach on projects with tasks similar to the following:

- Baxter & Woodman, Inc.
- Electrical Design Associates, Inc. (EDA)
- WIRX Engineering, LLC
- Ritzel-Mason, Inc.
- V&A Consulting Engineers, Inc.

Tasks Involved	Similar Projects
Reclaimed Water Transmission & Distribution System Expansion Improvements	Hurricane Harvey Disaster Recovery for Lift Stations Houston, TX
Potable Water Distribution System Improvements/Replacements	SR AIA Water Main Improvement Construction Services, Gulf Stream, FL
Wastewater Collection & Distribution System Improvements/Replacements	Sanitary Sewer Rehabilitation Phases X, Harris County WC&D No. 118, TX
Lift Station Improvements	Key Haven to Key West Force Main Florida Keys Aqueduct Authority
Permitting	CITY of Boca Raton, FL, Lift Station No. 170 Rehabilitation
CEI	Lift Stations 45 and 51 West Palm Beach, FL
Geographic Information Systems Services	Palm Club Sewer Sanitary Sewer Lauderdale-by-the-Sea, FL
Phase I & Phase II Environmental Analysis	Integrated Master Plan Lantana, FL
Structural Assessments	Core Area Water, Storm and Roadway Improvements Gulf Stream, FL
HVAC & Mechanical Design	Breathay Water Main Lantana, FL
Site Plan Review	WWTC Energy Neutrality Improvements Downers Grove Sanitary District, IL
AutoCAD Services	Lantana High Service Pumps Lantana, FL
Energy Efficiency Potential Studies & Implementation Plans	Reclaim Water Master Plan Delray Beach, FL
Grant Management Services for Federal, State & Local Programs	2003 Reclaim Water Master Plan Delray Beach, FL
Engineering Analysis, Cost Estimates & Reports	2016 Reclaim Water Main Master Plan Update Delray Beach, FL
Preparation of Construction Documents & Services - Bidding Phase	2022 Reclaimed Water Planning Assistance Project Delray Beach, FL
Shop Drawing Review	Water Distribution System Improvements Palm Beach County, FL
Instrumentation & Control	



*Electrical Design Associates*

Electrical Design Associates, Inc., a Certified Minority Business Enterprise founded in 1998, specializes in electrical and instrumentation design for water and wastewater facilities, offering consulting services to the public sector with a team of experienced engineers, designers, and technicians across multiple Florida counties.



WIRX Engineering, a certified Small/Minority Geotechnical Firm with extensive South Florida experience, provides tailored solutions in geotechnical engineering, water resources, drilling, construction management, and materials testing, focusing on cost-effective, high-quality outcomes for government and municipal clients.



Ritzel-Mason, a Palm Beach County-based professional services company with 55 years of combined experience, specializes in survey and mapping solutions, including Subsurface Utility Engineering (SUE), topographic and boundary surveys, and drone photography, offering tailored services with a focus on quality, communication, and on-time, on-budget delivery for public sector clients.



V&A Consulting Engineers, with over 45 years of corrosion engineering experience, specializes in rehabilitating and preserving municipal infrastructure, offering services in corrosion engineering, condition assessment, coating management, and more, focusing on extending the lifespan of utilities infrastructure in the water, wastewater, and transit industries.

## Project Management Philosophy

Development of a sound approach and methodology is of primary importance for the completion of projects in a timely and cost-effective manner. This is especially evident for small to mid-size projects with fast-track schedules. The Department Managers of Baxter & Woodman's project team are involved in all facets of projects, which confirms that full attention is paid to every work assignment. We place a high emphasis on "getting the job done right." The success of this philosophy is evidenced by the repeat business that we have received from our current clients.

The overall contract will be administered by our Authorized Representative Derek Wold, PE, BCEE who has the direct authority to commit the resources as required for the successful completion of the project(s). Derek will be responsible for maintaining full knowledge of all aspects of each project and will communicate directly to the City of Delray Beach leadership.

Projects under this contract will be managed by our **Florida Water/Wastewater Department Manager Sira "Jockey" Prinyavivatkul, PE**. He will be responsible for the daily administration and coordination of work with the City of Delray Beach staff to develop the scopes of work, manage the design team, review invoicing, etc.

Once the projects go into construction, our construction manager Craig Mitchell, PE, will act as Project Manager. All project managers will communicate with Derek Wold on a daily basis to coordinate tasks. This approach is designed to provide one person answerable to the City of Delray Beach at all times. Our project management framework results in direct lines of communication and responsibility, and allows for simple project coordination.

For any construction project, it is extremely beneficial to have the Design Project Manager integrally involved with the project – from conceptual design through construction services. This will provide continuity during the entire duration of the project(s). Our Project Managers will be "hands-on" during the design and construction of projects under this contract with the City of Delray Beach.

## Project Plan Approach

Baxter & Woodman has a proven track record of conducting studies and performing full engineering design and construction management services. For projects, it is important to establish a work plan that meets the City's needs and lays out the tasks to meet those needs. This begins with a scoping meeting with the City to identify the project goals and the City's expectations. This work plan will establish the overall scope and schedule to be used moving forward. Baxter & Woodman is exceptionally skilled at advancing projects through design and construction by performing tasks such as



**Sira "Jockey" Prinyavivatkul, PE - Project Manager**

Jockey's expertise includes design of water and wastewater infrastructure including lift station, sanitary sewer, stormwater management, potable water, and water reclamation projects. His background also includes providing engineering design, permitting, bidding, construction management and observation for roadway, parking lot, and culvert improvements, as well as levee inspections.

## Contact

P: 561-425-7718  
E: [springyavivatkul@baxterwoodman.com](mailto:springyavivatkul@baxterwoodman.com)

data collection, design, permitting, bidding, and construction administration/inspection of municipal construction projects as well as grant assistance and compliance.

### Our project delivery approach involves:

- Project Scoping
- Project Kick-off
- Data Collection/Survey Mapping/Geotechnical Investigation/Subsurface Utility Engineering
- Preliminary Design Services/Hydraulic Modeling
- Final Design Services
- Cost Estimating
- Permitting Services
- Bidding Services
- Construction Administration Services
- Resident Project Representative (RPR) Services
- Grant Assistance

### Project Kick-Off

Baxter & Woodman's team members will attend a notice-to-proceed kick-off meeting with the primary objectives of developing a clear understanding of the scope of work and the key concerns of project participants, obtaining relevant information that may be available from the City of Delray Beach, and establishing proper communication between Baxter & Woodman's team and the City staff.

### Data Collection

This task involves the collection of project specific data to be used in the design of municipal design projects. Survey information obtained by our survey/subsurface utility engineer subconsultant, Ritzel-Mason, will be used in conjunction with the City's available record drawing information, existing GIS maps, and aerial maps. Prior to design, reports and operational data will be collected.

Ritzel-Mason will obtain information on existing utilities in the project area so the design will avoid utility conflicts. This will include reconciling apparent discrepancies between record information and existing photographic and field verification information. As necessary, utilities will be physically exposed and by performing test holes to collect data on the location, type, size, and depth encountered and surveyed. We propose to use an underground utility locating firm to locate existing critical underground utility locates. This information will be added to the design drawings. During the data collection process, the project team will work closely with the City to determine what site data may already exist in an effort to avoid redundant collection of data. This will allow the project to move forward quickly and cost effectively.

We will partner with WIRX Engineering as our geotechnical subconsultant to collect geotechnical (e.g. soil information), provide testing as needed for design purposes and recommendations for the design of trench backfilling, trenchless technology (horizontal directional drilling, jack and bore, moling, pipe bursting, etc.), roadway construction, and foundation designs.



Baxter & Woodman can provide additional data collection services to support the City's projects, including Municipal GIS, Survey Services, Field Services, and Creative Media Services. Explore our complete range of offerings in our Spatial Technology Portfolio:



Scan the QR code to visit our GIS hub:  
<https://bw-spatialtech-portfolio-baxterwoodman.hub.arcgis.com>

## Hydraulic Modeling

▪ **Water Modeling** - A water model is an important tool to help manage and evaluate your water system infrastructure. Baxter & Woodman's project team includes personnel with advanced level experience in Bentley/Haested WaterGems® and Innovyze InfoWater software for water modeling. A water model is a computerized representation of all the components of your water system, including water mains, pumping stations, and storage reservoirs. Once the model is built and calibrated, it can be used to run simulations and evaluate existing and future conditions within your distribution system to determine if the infrastructure needs to be improved to serve the current or future population. "What If" scenarios can be easily evaluated such as when a pumping station is out of service or a pipe break occurs while looking at the overall operation of the system.

▪ **Wastewater Modeling** - A wastewater model will allow our team to test various simulations of existing and future system conditions typically with respect to future re-development/development growth. The model results will identify if there are under-performing system components such as high or low velocity force main conditions, areas of high pressure leading to "under performing" or "failing" lift station pumping or storage capacity, or force main or gravity main pinch points, and areas of concern for sanitary sewer overflows (SSO).

Baxter & Woodman's project team includes personnel with advanced level experience in Bentley/Haested SewerGems®, Innovyze InfoWORKS ICM Sewer Edition®, and XP SWMM® software for wastewater modeling. Initially the model will be created and reviewed using a combination of historical as-built drawings and GIS maps which identify the size, material, elevations, and locations, of all existing force mains, lift stations, pumping units, valves, ARVs, gravity pipes, and manholes. Once a base model is established, our team will run a calibration scenario to adjust the various model characteristics to meet in-field pressure and pump drawdown data.

▪ **Computer-Aided Design** - Baxter & Woodman utilizes the latest in computer-aided design (CAD) technologies to execute designs and develop contract drawings. Baxter & Woodman's design engineers and CAD technicians are proficient in software programs such as Autodesk Civil 3D, Bently Microstation, Bently OpenRoads, and Autodesk Revit. These CAD programs require professionals with the knowledge of the intricacies of the software to extract their full potential. What these powerful tools mean for the City is that designs will be executed more efficiently by utilizing the powerful tools and thereby reducing the required manhours and project design budget. By utilizing computer generated surfaces, roadway corridor cross sections, pipeline network modeling, etc., the designs will be created in 3-dimensions. The creation of profiles and cross sections become an automated process.

### MODELING EXPERTISE

Baxter & Woodman is proficient in various modeling softwares including:

- WaterCAD/WaterGEMS
- SewerCAD/SewerGEMS
- InfoWorks ICM SE
- InfoWater
- ICPR4
- XPSWMM
- EPA SWMM
- HEC-HMS
- HEC-RAS
- StormCAD
- HY-8
- ICM
- Optomatics Optimizer
- TR-20
- HYDRAFLOW
- WAM
- CASCADE
- SSA CIVIL 3D
- FLOWMASTER

## Design

Our typical design approach is to divide the design project into two subtasks: Preliminary Design (preparation of 30% design documents and construction cost opinion), and Final Design (preparation of biddable contract documents – subject to a standard 60%, 90%, and 100% review). The review iterations can be reduced to fit the complexity of the project.

- **Preliminary Design** – Based on the survey, geotechnical data collected, utility locates, and preliminary design analysis (modeling), the project team will layout the proposed infrastructure improvements, summarized in a Preliminary Design Report, that includes a construction cost opinion. The project will be designed to maximize system performance, provide for ease of maintenance, minimize utility conflicts, and minimize construction costs. The project will also be designed in accordance with City, County, State, and Federal design standards per the regulatory agency having jurisdiction. Agencies having jurisdiction are identified and preliminary permit meetings are conducted to confirm the extent of effort necessary to obtain permits during the Final Design task.

Modeling and other analyses are performed to determine the best and most cost-effective solution for a project. Baxter & Woodman understands the importance of finding the right solution. Our custom algorithms allow us to quickly and accurately model several scenarios until the best solution is found. Upon completion of the Preliminary Design Report, we will hold a review meeting with the City of Delray Beach staff to review the preliminary design for approval before proceeding to the Final Design task.

- **Final Design/Contract Document Preparation** – Preparation of contract documents is performed in stages based on the complexity of the project. Typical completion stages would be 60%, 90%, and 100%. The number of iterations of completion stages can be adjusted to reflect the complexity of the project. Baxter & Woodman will prepare drawings, technical specifications, and construction cost opinions for each submittal stage to be reviewed by the City staff. Within two weeks of submittal, a review workshop will be conducted to discuss City staff comments. Comments are then incorporated into the following stage submittal. After the 60% review, test hole investigations will be conducted to physically identify particular utilities to avoid potential conflicts with the proposed design. Permit applications will be submitted to Authorities Having Jurisdiction (AHJ) in parallel with the 90% stage submittal to City staff. Comments from the AHJ and City staff will then be incorporated into the 100% stage submittal for one final review by City staff prior to completing the Bid Set contract documents. Internal QA/QC is performed prior to each submittal stage with our CGC Constructability Review performed at the 90% stage.

## PROJECT SCHEDULE

Our proven project approach will allow us to develop a project schedule that will track the design, permitting, and construction of the City's projects. The schedule will be reviewed and updated at each design submittal. It is important that each and every work authorization meet the established time schedule. The Project Manager will be responsible for schedule compliance.

Baxter & Woodman's principals review schedule compliance on a bi-monthly basis at project schedule control meetings and take appropriate action to prevent slippage when it first becomes apparent.

- **Quality Assurance/Quality Control** - Our team recognizes the importance of a clear focus on providing a quality product. Our Quality Control Manager, Derek Wold, PE, BCEE will monitor the implementation of the QC program on each task order and will confirm that work is performed in conformance with the "QA/QC Plan." The committee will work with the Project Manager to select an appropriate senior reviewer for each delivery based on applicable experience and technical expertise.

Our team's quality management program incorporates oversight of specific quality control functions to confirm that:

- Project staff, including subcontractors, are qualified to perform their duties and meet regulatory and project specific training requirements. Items and services procured for the project meet necessary quality requirements.
- Quality related work is documented and the documents are managed and controlled.
- Computer hardware and software is controlled.
- Work is properly planned.
- Work procedures are established where necessary.
- Work is reviewed and quality processes are audited for effectiveness.
- Deficiencies are documented and effective corrective action is promptly completed.

Our team's QA/QC program emphasizes to all project members that quality is not a "one time" kind of commitment, but rather is a continuous process of improvement. In addition, we utilize our construction managers to perform constructability reviews.

**The quality of our designs stems from our commitment to being certified ISO 9001P:2015 for Quality Management System.** Baxter & Woodman's design process has received this accreditation for demonstrating our ongoing dedication to quality by consistently satisfying our client's requirements and industry specifications.

## QA/QC PLAN KEY ELEMENTS



### Customized Checklists



### Compliance with Project Deadlines



### Readily Available Support Staff



### Reviews by Senior Engineers



### Active Engagement with City Staff



Baxter & Woodman's wastewater design process has received the ISO 9001:2015 Quality Management System accreditation for demonstrating our ongoing commitment to quality by consistently satisfying our clients' requirements and industry specifications.

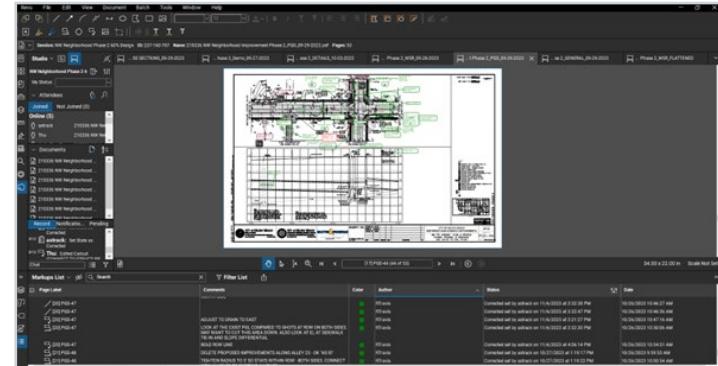
Baxter & Woodman maintains the certification by:

- Utilizing customized Quality Control/Quality Assurance checklists for each project
- Maintaining compliance with project deadlines
- Offering staff available to perform work
- Performing reviews of deliverables by senior staff

Baxter & Woodman uses the Bluebeam Revu program to perform QA/QC of deliverables. Bluebeam Revu is a powerful Portable Document File (PDF) program specifically developed for design professionals. Baxter & Woodman has developed a standard operating procedure (SOP) for reviewing documents using Bluebeam Revu Studio Session that allows us to document comments from the design engineer, CAD technician, and the senior reviewers simultaneously in real time.

The review process begins with the creation of a Bluebeam Studio Session. The design engineer will utilize tools within the program to draw or denote comments on the drawings that are recorded in a table with a "red" color status identifier. The CAD technician can review the comments in real time and provide a response to the comment or change the status to "Corrected" which would change the color status identifier to "green." Once all comments are updated to

"Corrected" by the CAD technician, a new set of drawings are printed for the senior reviewer to perform a backcheck. The status for all "Corrected" items will be updated to "Backchecked," which would change the color status identifier to "purple," by the senior reviewer to confirm the comments have been updated by the CAD technician. Once all "Corrected" statuses have been changed to "Backchecked," the senior reviewer will begin reviewing the new drawing. Comments by the senior reviewer will then be reviewed by the design engineer for further discussion or passed on to the CAD technician to update. The senior reviewer will perform one final review of the updated drawings before submittal to the City. All Bluebeam Studio Sessions are saved for record keeping and are available for the City to review if desired.



Bluebeam Revu Dashboard

## Constructability Reviews

Constructability reviews are conducted during selected project design stages, typically the 90% completion stage, to confirm constructability and clarity of the design documents and to avoid conflicts, delays, and added costs. These reviews minimize the need for redesign, reduce construction costs, expedite project completion, and reduce environmental impacts and long-term maintenance costs.

Constructability reviews measure the ease with which a project design can be built while complying with the drawings, specifications, construction schedule, quality control requirements, and budget constraints. The reviewer identifies areas where the ability to build a facility can be improved by listing construction constraints and sequencing the design components to meet the construction schedule.

## Permitting

Florida is known throughout the nation as being a trend-setter in regulatory compliance. The regulatory structure of the permitting agencies are constantly changing with delegation of new state regulatory programs and with pending rule revisions that impact water resources, potable water and wastewater facilities, reuse programs, and stormwater systems, just to name a few.

Baxter & Woodman actively monitors federal, state, and local regulatory requirements and rule revisions. We track and forecast critical regulations to confirm project design criteria does not become "outdated." Our regulatory services include preparation of permit applications and project completion certification documentation. Our familiarity with the rule makers and permitting staff at the various agencies simplifies the permitting process. Our goal is to help our clients meet regulatory compliance for projects without "surprises" which may impact project objectives and schedules.

The complex interrelationship of the regulatory agencies can make permitting one of the most difficult project tasks to complete. Baxter & Woodman maintains a clear understanding of the relationships between state and local agencies to confirm an accurate and efficient permitting process for all projects. Baxter & Woodman has a strong professional relationship with all regulatory agencies in South Florida. This has been developed over many years of working with the various local, state, and federal regulatory agencies.

During Preliminary Design, Baxter & Woodman will conduct pre-application meetings with the various permitting agencies to confirm permitting requirements prior to making the initial permit application submittal. During Final Design, after review of the 60% submittal by City of Delray Beach staff, the Contract Documents are updated for the 90% submittal to the City of Delray Beach and to the appropriate regulatory agencies for construction permits. Comments from City of Delray Beach staff and the regulatory agencies on the 90% submittal are incorporated into the final 100% Contract Documents.

## PROACTIVE AGENCY COORDINATION

It is very important that the regulatory agencies be involved in the project from the outset during a pre-application meeting.

This participation is vital to obtain information and direction, which may be critical to the success of the project. For this reason, we typically hold a pre-application conference with the regulatory agencies to discuss the project and troubleshoot potential problems during the Preliminary Design task.

## Bidding

Baxter & Woodman will provide support to the City of Delray Beach in the bidding process. The Bid Phase Services for this contract may include the following tasks:

- Review and provide edits to the City of Delray Beach's "Front-End" documents.
- Coordinate with the City of Delray Beach Procurement Services staff to complete the bid documents and assist with advertisement.
- Participate in Pre-Bid meetings with interested contractors and City staff. Prepare responses as a result of the meeting, for issuance of addenda.
- Provide pre-bid services such as answering questions from potential bidders and prepare responses and issue addenda to the plan-holders.
- Review bid packages received, document the due diligence process, and recommend award for the project.

The bid review process is extremely important to select the contractor that is qualified to provide the construction services described in the bid documents. In all of our conventional design-bid-construct projects, Baxter & Woodman evaluates the bids submitted by the general contractors.

In all of our conventional design-bid-construct projects, Baxter & Woodman evaluates the bids submitted by the general contractors. The bids are typically evaluated for the following items:

- Bidder maintains a permanent place of business and is fully licensed.
- Bidder has adequate manpower and equipment to do the work properly and expeditiously.
- Bidder has suitable financial resources to meet the obligations of the work.
- Bidder will perform a specified percentage of the work using his own forces.
- Bidder's Project Manager is experienced in executing the required work.
- Subcontractors proposed for use are qualified to perform the work.
- Bidder meets insurance requirements.
- All bid forms are filled out correctly.
- The bid prices are mathematically correct if a unit price bid is used.
- All addendums are acknowledged.
- Bid Bond is submitted with bid.
- Baxter & Woodman checks the bidders' references.

After Baxter & Woodman has evaluated the bids, we will typically recommend the lowest responsible and responsive bidder whose bid meets the requirements of the Contract Documents and provides the City of Delray Beach the best value. In situations where the lowest bidder is not qualified, we then evaluate the second lowest bidder, and so forth, until a qualified bidder is identified.

## **Construction Administration**

### **Construction Administration**

Close supervision and documentation is required to confirm that quality construction is provided. Baxter & Woodman provides full-service planning, resident inspection, management startup, operations, and maintenance of construction projects. Our firm has conducted comprehensive construction management services on a number of projects in South Florida. Our experience includes construction of environmental and public works facilities, including wastewater/water treatment plants, pumping stations, underground utility pipeline infrastructure projects, drainage facilities, neighborhood infrastructure projects, parks, and streetscape/beautification projects. Construction administration and inspection services are provided by our in-house engineers, experienced inspectors (which include former utility inspectors and contractors), and FDOT D4 LAP projects construction management staff members.

Baxter & Woodman is available to provide construction administration throughout the construction contract period(s). We will work with City of Delray Beach staff to structure our Construction Management Services (CMS) to fit your needs. In that way, we can work jointly with the City of Delray Beach to cover any facets of CMS without spending duplicate time (and cost). Baxter & Woodman can provide general construction administration duties such as:

- Administer the City's contract with the contractors and confirm contract conditions are met.
- Interpret and clarify plans and specifications throughout construction.
- Monitor and confirm the contractor obtains governmental and regulatory permits, inspections, and approvals.
- Conduct site visits and direct construction meetings with the contractor.
- Field questions and phone calls from residents during construction.
- Transmit project closeout documentation to the City.

## Resident Project Representative (RPR)

Baxter & Woodman is prepared to provide complete construction inspection services to oversee construction activities in the field. The major field engineering responsibilities are summarized below:

- Serve as the Consultant's liaison with the contractor and City staff.
- Conduct on-site observations to assist the City in determining if the work is proceeding in accordance with the contract documents and that completed work conforms to the contract documents. Report in writing whenever we believe that the work is unsatisfactory, faulty, defective, or does not conform to the contract documents, or does not meet the requirements of inspections, tests or approval required to be made, or has been damaged prior to final payment.
- Coordinate, supervise, and review material sampling and testing, including concrete and soils testing, where appropriate.
- Coordinate necessary surveying consistent with requirements of the specifications.
- Accompany visiting inspectors representing public and regulatory agencies having jurisdiction over the project. Record in writing the outcome of these inspections and report same to the City.
- Consider and evaluate the contractor's suggestions for modifications during construction and report them to the City, in writing.
- Witness testing and/or procedures as required by the contract documents.
- Review as-built (Record Drawings) information from the contractor to confirm conformance to the contract documents.
- We will provide to the City copies of the RPR's daily inspection reports and digital photographs. Daily inspection reports and photographs shall be sent to the City via email on a weekly basis.
- RPR will work with the contractor to develop and implement a Daily Quantity Sheet (based on the approved Schedule of Values) to be reviewed and accepted each day, agreeing to the quantities of the items installed, completed, and accepted. We will use this information to verify material quantities on monthly Applications for Payment.
- Attend Substantial Completion and Final Completion walk through and verify that punch list items are completed by the contractor(s).

## COMMUNICATION TOOLS DURING CONSTRUCTION

### WORKING TOGETHER FOR PROJECT SUCCESS

The key to our approach is working together with you and the contractor as a team. Construction Managers, Craig Mitchell, PE and Eric Rush, PE are known and well respected throughout the construction community. Their reputations and experience will help keep the project moving through project challenges that may develop during a project. The way to accomplish this is to meet often, communicate effectively, and listen to concerns and address them in a timely fashion.

Our team will provide the City of Delray Beach with regular project status reports. These updates will help you and your staff keep current during the project and give you the opportunity to provide us with feedback.

### PUBLIC OUTREACH

Baxter & Woodman is committed to implementing a comprehensive public involvement plan that prioritizes effective communication, community engagement, and the seamless execution of construction activities. Our approach emphasizes a diverse range of communication methods, carefully chosen to cater to the unique and varied needs of nearby stakeholders. Our communication tools include:

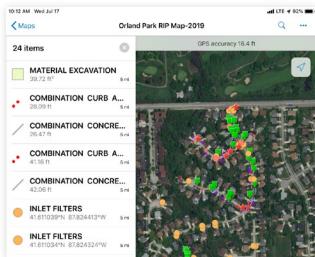
- Project Canvassing
- Social Media Updates
- Customized Project Websites
- Drone Footage and Visualization to Showcase Construction Progress



Websites are a great way to promote the benefits to the community

# Construction Field Technology

Modernizing Construction Documentation to improve communication, data collection, record drawings, and project status reporting.



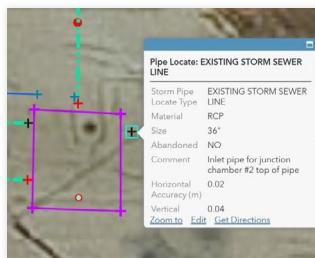
## GIS-Based Systems

A GIS-based system that promotes communication between residents, contractors, and clients. This real-time, multi-user solution helps document interactions and track resolution progress. This process helps anticipate where additional notifications or community engagement is warranted. This workflow keeps all parties accountable.



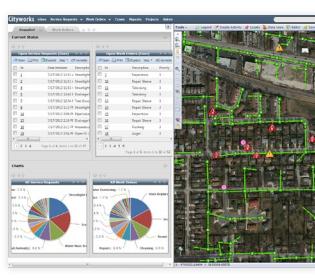
## Spatial Technology Equipment

Our spatial technology equipment can capture real-time, multi-user spatial information including photo support, and tabulation of quantities, and deficiency documentation. This equipment modernizes construction services, reducing the back and forth of quantity agreement and deficiency tracking, allowing more time to focus on what's important to the client.



## Specially Configured Field Applications

Utilizing specially configured field applications, our construction team can collect record drawings in the field to update CADD files and GIS databases. Our GIS-based system promotes recording of smart data, and when paired with our high accuracy GPS equipment ensures data is spatially accurate.



## Smart Data Collection

Smart data collection means compatibility and seamless connectivity with other systems. Upon completion of a project we will deliver all collected data. Our data is built using industry standard GIS data models which are compatible with many Asset Management Systems, as well as compatibility with most modern GIS data schemas.



## State-Of-The-Art Equipment

Utilizing state-of-the-art equipment, as-built assets can be accurately captured. This approach enables clients and contractors the ability to efficiently recover utility assets previously located in field, saving time, and reducing costly conflicts with future construction.

## ii. Project Team

Our team's project philosophy is to match experienced individuals with the City's staff when developing the project goals and defining the desired outcome. Key to the success of the project is frequent communication between the City of Delray Beach staff and the design team at regularly scheduled meetings. There is no substitute for interpersonal interaction throughout the implementation phase to confirm a clearly defined set of deliverables that meet the City's and staff's expectations. Baxter & Woodman has extensive experience in task order project design, permitting, and construction implementation. The Project Team Organization Chart is included on Page 56 and defines the lines of communication between team members, showing the flow of information to and from the City of Delray Beach staff. Our team's philosophy is not to employ unnecessary layers of management (i.e., project administrator, client coordinator, etc.), but to encourage direct, open communication between the City of Delray Beach staff and our Project Managers and staff members.

Baxter & Woodman carefully selected a team of subconsultants for which we have had a long-standing working relationship. Electrical Design Associates will provide electrical and instrumentation and control (I&C) services. Ritzel-Mason will collect survey and subsurface utility engineering data. WIRX Engineering will perform Phase 1 and Phase 2 environmental assessments, geotechnical investigations, and provide soil specific design recommendations. V&A Engineering will provide specialty services such as pipe condition assessments, flow monitoring, corrosion evaluation and prevention, and odor control design.

## Project Schedule Control

### Engineering Design Schedule Control

Baxter & Woodman will utilize the Deltek Vantagepoint program for project management. Deltek Vantagepoint provides our Project Managers the ability to schedule staff hours effectively between multiple projects to avoid overlapping of resources which can cause delays in submitting deliverables. In addition, Baxter & Woodman performs weekly project progress meetings to discuss project needs and identify resources. The old saying, "Time is Money," is a mantra Baxter & Woodman staff live by. During scheduled meetings with City of Delray Beach staff, the project schedule will be discussed to confirm expectations for future deliverables. Baxter & Woodman will communicate to City staff immediately, prior to a scheduled meeting, should delays in the project schedule be identified.

### Construction Schedule Control

Reviewing and evaluating the construction schedule - including the baseline schedule, monthly schedule updates and revisions, and 2-week look ahead schedules - is integral to the project's successful completion. Baxter & Woodman's Construction Manager examines schedules to identify variances between scheduled and probable completion dates of activities, as presented by the contractor, so that we can analyze the effect on the overall project completion.

In conjunction with schedule review, we provide recommendations to the contractor relevant to the adequacy of their personnel performing construction tasks. We make observations regarding the availability of equipment and materials necessary to execute work efficiently and effectively. These elements ultimately determine a construction schedule's success or failure. The following steps will be implemented on these construction projects for the City:

- Baxter & Woodman's Construction Manager will request the contractor to provide a baseline Critical Path Method (CPM) Construction Schedule as a formal shop drawing submittal prior to construction.

- The CPM Schedule provided by the contractor will include the entire group of electronic files so that the schedule logic can be analyzed by Baxter & Woodman during the review process
- The CPM Schedule must include at a minimum work activities showing the baseline start column and baseline finish date column in calendar days. The contractor's CPM Schedule shall include a column displaying the amount of float time available and a column displaying percentage to completion.
- The CPM Schedule will be reviewed and approved based on conformance to contract milestone dates, logical phasing and succession of the work, material procurement & delivery, achievable crew production rates, permitting certifications, and project closeout and completion.
- The contractor must provide a monthly updated schedule with each pay request . Two columns will be added to the monthly updated schedule for "Actual Start" and "Actual Finish" to track schedule progress. The Baseline Column will remain fixed.
- Baxter & Woodman's Construction Manager will monitor the contractor's schedule and notify the City in writing when the contractor appears to be behind schedule. Baxter & Woodman will also request from the contractor a revised schedule or a schedule recovery plan if deemed necessary. The pay application will not be approved until a schedule recovery plan is submitted.

Our Construction Manager will review schedule compliance on a bi-monthly basis at project schedule control meetings and take appropriate action to prevent slippage when it first becomes apparent . With the vast changes in the construction industry and the need to combine both design and construction together, our project team has become an avid user of many scheduling tools that assist the design and construction professional to maintain a thorough understanding of the cost related to projects . While there are a variety of tools on the market today that give project management personnel the capability to manage construction projects, we have chosen the Primavera suite of software tools to assist these professionals with the difficult tasks they face on a daily basis.

Baxter & Woodman will maintain regular meetings with the City of Delray Beach to confirm proactive project management and to address any issues promptly. Our team uses advanced scheduling tools, including the Primavera suite, to effectively manage project timelines, costs, and integration of design and construction.

## P6 PRIMAVERA PROJECT PLANNER

We are avid users of P6 Primavera Project Planner. This tool is easy to use and intuitive without sacrificing the powerful sophistication of high-end project management software. P6 is a multi-user product that operates on network allowing users to share data with other network users, and anyone who manages projects using Primavera software. The unique features of P6 are:

- Project Modeling
- Scheduling
- Resource & Cost Management
- Reports and Graphics
- Data Exchange
- Add-on Products

These features will confirm proper documentation is maintained to report progress of work.



## **Project Budget Control**

### **Engineering Services Fees**

At Baxter & Woodman, we pride ourselves on producing high quality, cost-effective projects. This begins with having a scope development meeting with the City of Delray Beach, design team, and stakeholders to identify the objective and expectation for each project. Baxter & Woodman Project Managers believe the development of a scope of work is an extensive exercise in performing preliminary data collection and research to develop a scope of work that is all encompassing of the project requested by the City of Delray Beach. Baxter & Woodman will identify the appropriate staff that can perform specific tasks for each project at the highest levels of efficiency to minimize project costs. We do our best to avoid requests for additional compensation by providing accurate scopes of work and will only request additional compensation if there is a clear increase in the scope of the engineering services.

Once a project is under contract, Baxter & Woodman will use the Deltek Vantagepoint program for project management. Deltek Vantagepoint provides our Project Managers the ability to budget staff hours effectively and track progress versus effort spent to complete tasks. In addition, Baxter & Woodman performs weekly project progress meetings to discuss project needs and identify resources.

### **Project Design Budgets**

On design projects, Baxter & Woodman will execute designs by following the City's design standards and Federal and State requirements while identifying the most cost-effective solutions with the most cost-effective materials meeting City standards. Baxter & Woodman will prepare cost estimates for each completion stage of a project up to the 100% design. At the 90% stage completion, Baxter & Woodman will assign a Construction Project Manager to perform a constructability review of the Contract Documents. Having a construction professional perform the constructability review assists in further reducing contractor opportunities for change orders. Their experience can identify conditions that could be issues for a contractor to construct the proposed work without requesting a change order for additional time or fees.

The cost estimates will reflect changes in general scope, and additional design requirements that may be incorporated during the design review stages. This affords the City the opportunity to make changes in project direction based on construction budget constraints. Value engineering is also performed at each design stage to further manage and control construction costs. This extra attention to budget control confirms our engineers' estimates of final construction cost will be as accurate as possible.

Baxter & Woodman is committed to producing high-quality, cost-efficient products within required timeframes. We are extremely familiar with the construction contractors in South Florida and are aware of bidding conditions that can affect the construction cost of a project. We monitor current inflation rates as tracked by the Bureau of Economic Analysis U.S. Department of Commerce when comparing past costs to current costs. The budget truly is the bottom line. The table on the next page is a record of recent cost estimates compared to the awarded construction bid amount. This comparison demonstrates our competence and dedication to providing clients with accurate project estimating. This is the best physical evidence an engineering firm can present as demonstration of project cost control performance.

Client	Project	Engineer's Estimate	Base Bid Was	Bid Opening Date	Under Engineer's Estimate
City of Boca Raton	Reclaimed Water Storage & Pumping Station	\$4,500,000	\$3,914,909	1/8/2009	-13.00%
City of Boca Raton	On-Site Reclaimed Water Pumping Facility	\$811,000	\$730,000	10/6/2009	-9.99%
City of Boca Raton	West Reclaimed Water Main Extension	\$1,768,437	\$1,577,425	2016	-10.80%
City of Delray Beach	Country Club Acres Infrastructure Imp.	\$1,515,811	\$1,377,027	6/21/2006	-9.16%
City of Delray Beach	Sea Sage Drive/Melaleuca Road/Oleander Lane	\$984,063	\$1,126,755	11/2/2006	14.50%
City of Delray Beach	SW 12th/SW 11th Avenue Water Main	\$734,740	\$721,420	10/21/2004	-1.81%
City of Delray Beach	Venetian Drive Infrastructure Imp.	\$1,495,164	\$1,458,795	6/15/2000	-2.43%
City of Delray Beach	Area 1 Reclaimed Water System	\$1,484,995	\$1,312,100	10/28/2004	-11.64%
City of Delray Beach	Area 2 & 3 Reclaimed Water System	\$1,500,000	\$1,731,265	2/22/2005	15.42%
City of Delray Beach	Area 11 Reclaimed Booster Pump Station	\$989,590	\$691,084	Feb-09	-30.16%
City of Delray Beach	SW 4th Street, SW 6th Street, SW 7th Avenue, and SW 3rd Court Neighborhood Improvements	\$8,241,814	\$5,648,785	10/4/2019	-31.46%
City of Delray Beach	Water Main Subaqueous Crossings	\$1,031,014	\$1,176,155	12/19/2019	14.08%
City of Delray Beach	Reclaimed Water Expansion - Area 12C	\$4,020,736	\$4,146,271	1/1/2017	3.12%
City of Delray Beach	Lake Ida Road Force Main Air Release Valve (ARV) Replacement	\$178,866	\$179,300	11/20/2018	0.24%
City of Delray Beach	Osceola Park Neighborhood Improvements - Phase 1	\$5,396,845	\$4,056,527	13/26/2019	-24.84%
City of Delray Beach	Osceola Park Neighborhood Improvements - Phase 2	\$5,970,182	\$3,992,778	2/26/2021	-33.12%
City of Delray Beach	Alleyway Enhancement Project	\$991,262	\$791,445	2/14/2020	-20.16%
Florida Keys Aqueduct Authority	Duck Key Utility Relocations	\$1,313,307	\$1,207,400	4/6/2021	-8.06%
Town of Gulf Stream	State Road A1A Water Main Improvements P2	\$1,749,158	\$1,255,108	3/18/2020	-28.25%
Town of Highland Beach	Replacement of Water Distribution Lines - Phases 1 and 2	\$2,688,387	\$2,818,432	10/3/2016	4.84%
Town of Highland Beach	A.I.A. Water Main Replacement	\$3,200,000	\$2,714,707	6/8/2009	-15.17%
Town of Lake Worth Beach	Lake Shore Drive Infrastructure Improvements	\$6,861,449	\$5,471,954	10/2/2020	-20.25%
City of Lake Worth Beach	2nd Avenue South Roadway Improvements	\$832,541	\$663,711	10/26/2017	-20.28%
City of Lake Worth Beach	Neighborhood Road Program - District 2, Year 2	\$1,880,438	\$1,997,734	1/9/2018	6.24%
City of Lake Worth Beach	Neighborhood Road Program - District 2, Year 4	\$3,303,179	\$2,316,601	2/19/2020	-29.87%
Town of Lantana	Raw Water Supply Wells No. 11 and 12 - Contract No. 1	\$755,000	\$631,500	5/20/2009	-16.36%
Town of Lantana	S. Atlantic Drive Water Main Replacement	\$1,041,528	\$1,022,742	10/5/2017	-1.80%
Town of Lantana	Intracoastal Waterway Water Main Subaqueous Crossing	\$646,300	\$496,536	10/31/2017	-23.17%
Town of Lantana	S. Lake Drive Force Main & Stormwater Improvements / S. 13th Place Water Main Replacement	\$1,096,370	\$1,075,015	4/19/2018	-1.95%
Loxahatchee River District	Jupiter Farms Elementary Sanitary Sewer System	\$1,051,149	\$1,089,490	12/5/2018	3.65%
Loxahatchee River District	Olympic Drive Force Main & Low-Pressure Sewer Replacement	\$663,647	\$483,200	12/17/2020	-27.19%
Loxahatchee River District	IQ-511 Pump Station Piping Improvements	\$546,365	\$515,850	1/21/2021	-5.59%
Loxahatchee River District	South Seabrook Road Sewer System	\$1,689,931	\$1,494,589	9/6/2002	-11.56%
Loxahatchee River District	Tidewater Drive Sewer System	\$290,081	\$274,156	6/12/2008	-5.49%
Loxahatchee River District	Jupiter Highlands Low Pressure System	\$315,728	\$245,018	11/10/2009	-22.40%
Palm Beach County Water Utility Department	Improvements to Master Reump Station 9-North	\$3,498,125	\$3,127,777	3/25/2021	-10.59%
Palm Beach County Water Utility Department	Improvements to Lift Station 393, 1023, and 8168	\$1,794,405	\$1,297,650	3/10/2021	-27.68%
City of Pompano Beach	NE Reuse Expansion Phase I	\$1,942,863	\$1,735,001	9/5/2017	-10.70%
City of Pompano Beach	Gateway Drive Drainage Improvements	\$3,388,890	\$2,285,938	12/1/2020	-32.55%
City of Pompano Beach	A.I.A. Water Main Improvements	\$1,026,203	\$955,489	11/14/2016	-6.89%
City of Pompano Beach	Esquire Lake Stormwater Improvements	\$3,244,295	\$2,829,223	11/16/2018	-12.79%
City of Tamarac	Tamarac Lakes South Water Main Improvements	\$2,197,151	\$1,730,386	5/9/2018	-21.24%
City of Tamarac	Tamarac Lakes North & The Boulevard Water Main Improvements	\$837,441	\$766,175	4/21/2004	-8.51%
City of Tamarac	Southgate Boulevard Streetscape Imp.	\$1,499,717	\$1,239,469	2/28/2005	-17.35%
City of Tamarac	McNab Road Water Main Improvements	\$477,250	\$486,832	2/1/2005	2.01%
City of West Palm Beach	Nottingham and Miller Utility Improvements	\$3,135,850	\$2,482,240	5/5/2020	-20.84%

Average Under Engineer's Estimate = -11.76%

## Grant Assistance

Baxter & Woodman has helped numerous communities secure funding from over 50 funding sources. We bring extensive experience in grant research and application preparation, having assisted communities secure funding to study, design, construct, and maintain improvements. Our team is ready to provide the City with grant assistance services by working alongside City staff to consider, pursue, and secure grant opportunities that will help reduce the financial burden on City funds and tax dollars.

## Project Construction Budgets

Baxter & Woodman Construction Managers have years of experience in the industry in South Florida and have worked with a number of the typical general contractors that perform municipal project construction. This experience allows our Construction Managers to be prepared for what to expect from the general contractor before the project begins.

Construction change orders are minimized by having accurate and complete design drawings and specifications. We routinely receive compliments from contractors and material suppliers regarding the thoroughness of our construction contract plans. Evidence of this is further indicated by the tight grouping of construction bids our clients receive on projects. The thoroughness and accuracy of these construction documents result in savings to our clients for two reasons:

### Lower Construction Bids

The construction bids are lower because the contractors do not build in risk factors due to unknown conditions or requirements.

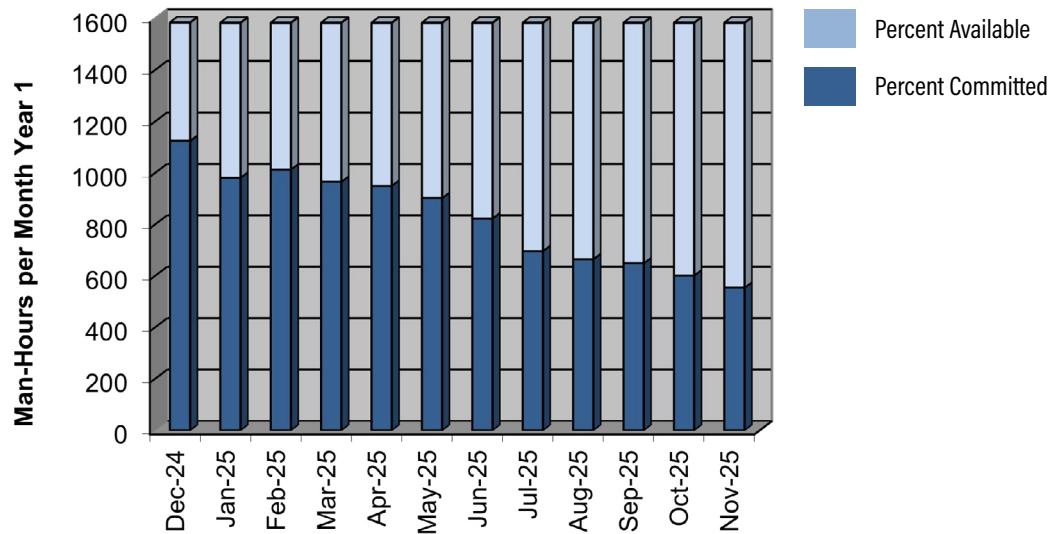
### Minimal Change Orders

Change Orders are minimized because the documents show the requirements and the contractors cannot claim conflicts or the need for additional work.

## iv. Workload of the Firm

Baxter & Woodman is committed to serving the firm's existing clients and we carefully monitor the current and projected workload for each of our employees. We understand the importance of being responsive to our clients' needs, and we always consider the impact an awarded project will have on the workload of our staff.

Workload responsibilities of all proposed team members have been reviewed, and the team presented in this statement can fully accept the responsibility of your projects. We are available to perform work associated with this contract beginning in 2025 through the anticipated contract completion. We are confident that – with our resources, experience, and manpower – we will provide you with successful, efficient, and cost-effective engineering services that are completed on time and within budget.



### Typical Number of Projects Handled by Project Managers

Our Project Managers typically handle three to four projects concurrently depending upon complexity and level of experience.

### Remaining Labor Commitments

Please see bar chart above.

# C. Projects for Similar Services

Houston, TX

## Hurricane Harvey Disaster Recovery for Lift Stations

### **SERVICES:**

- Comprehensive Asset Management System
- FEMA Coordination
- Design Management
- Hydraulic Analysis
- Repair/Replacement Recommendations

### **PROJECT DATES:**

Start: 2019

End: 2021

### **STATUS OF PROJECT:**

Complete

### **REFERENCE:**

Richard Hatch  
7300 N Shepherd Dr.  
Houston, TX 77091  
richard.hatch@houstontx.gov  
(832) 395-5031

Baxter & Woodman provided an in-depth asset inventory and condition assessment of 39 lift station facilities to support development of a comprehensive asset management system.

The primary purpose of this project was to collect asset data, document existing conditions, and plan for improvements to return the lift stations to optimal operating conditions and meet current codes. The evaluation included the overall condition of structural, mechanical, electrical, and instrumentation components as well as hydraulic capacity of the lift stations.

An assessment report was written for each lift station summarizing the facility background, condition assessment, optimal operating condition, and cost estimates. Recommendations included three options: improvements required to bring the facilities up to code, improvements to mitigate and prevent future flooding; and consolidation.

Hurricane Harvey caused flooding in 12 of the 39 lift stations evaluated. Baxter & Woodman assisted with the expedited coordination of all FEMA forms and claims, allowing the City to meet submittal deadlines and qualify for funding.



# Town of Gulf Stream, FL

## SR A1A Water Main Improvements

### **SERVICES:**

- Design Engineering
- Open Cut and Directional Drill
- WM Installation
- Permitting
- Construction Inspection
- FDOT Agency Coordination

### **PROJECT DATES:**

Start: 2019

End: 2021

### **STATUS OF PROJECT:**

Complete

### **REFERENCE:**

Greg Dunham  
Town Manager  
100 Sea Rd.  
Gulf Stream, FL 33483  
(561) 455-3188  
gdunham@gulf-stream.org

Baxter & Woodman prepared the 10 Year Capital Improvement Plan for the Town of Gulf Stream that identified the need for replacement of an existing 6-inch water main along SR A1A with a 12-inch water main and replacement of existing 6-inch water mains along Sea Road, North County Road, and Little Club Road with an 8-inch water main.

The Town requested that Baxter & Woodman provide data collection, design, permitting, and construction administration services in the execution of this project. The infrastructure improvements included:

- Design of a 12-inch water main on State Road A1A and 8-inch water mains on Sea Road, North County Road, and Little Club Road
- Directional drill in select areas
- Mature tree preservation
- Coordination with FDOT
- Re-connection to the existing emergency interconnect
- Fire hydrants, valves, and water services



# Harris County WC&ID No. 116, TX

## Sanitary Sewer Rehabilitation Phases I-X

### **SERVICES:**

- CIPP Rehabilitation
- Effective Project Prioritization and Phasing
- Sewer System Televising and Evaluation
- Resident Communication Plan
- Sewer System Rehabilitation Design

### **PROJECT DATES:**

Start: 2010

End: Phases I - V: 2021

Phases V - X: 2026

### **STATUS OF PROJECT:**

Construction

### **REFERENCE:**

Les Griffith

5135 Cobles Corner

Houston, TX 77069

lgriffith@hutwickwater.com

(281) 898-1585

Baxter & Woodman designed and managed the 10-year phased sanitary sewer rehabilitation program (approximately \$500,000 per year) for Harris County Water Control & Improvement District No. 116.

The project required cleaning and televising the wastewater lines and manholes, including smoke testing; evaluating information obtained from the televising and testing, developing a budget and recommending cost effective rehabilitation methods.

Approximately 70,000 LF of pipe, ranging in size from 8-inch to 24-inch, were evaluated. Corrections included cured-in-place pipe (CIPP), pipe bursting, and point repairs. Additionally, the manholes were evaluated and Baxter & Woodman provided recommendations for new liners and connection seals.

Several bid options were received to maximize flexibility in proceeding with the rehabilitation. Baxter & Woodman developed and implemented a highly effective communication plan with the residents.

During construction, Baxter & Woodman discovered a defective CIPP segment installed by the contractor. Baxter & Woodman made sure the contractor corrected the deficiency by pipe bursting the defective sewer line, thereby saving the client additional costs and inconvenience.

The District has completed Phases I through V, rehabilitating approximately 40,000 linear feet of pipe ranging in size from 8-inch to 24-inch. Phase V was completed in 2021 for a total construction cost of \$320,000. Phases VI through X are planned to be completed by 2026 with a budget of \$2,300,000.



# Florida Keys Aqueduct Authority

## Key Haven to Key West Force Main

### **SERVICES:**

- Phase I and II Engineering
- Permitting
- Modeling

### **PROJECT DATES:**

Start: 2022  
End: 2024

### **STATUS OF PROJECT:**

Complete

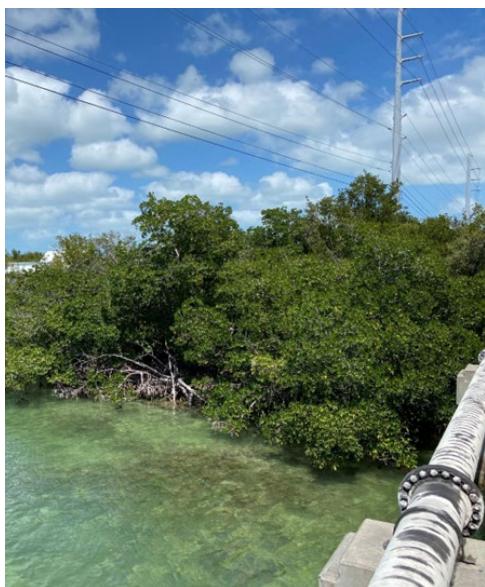
### **REFERENCE:**

David Hackworth, PE  
1100 Kennedy Dr.  
Key West, FL 33040  
dhackworth@fcaa.com  
(305) 295-2152

The Key Haven subdivision transmits wastewater to the Boca Chica wastewater treatment plant for temporary storage that then gets transmitted to the Big Coppitt WWTP for processing. The capacity of the Big Coppitt WWTP is nearing its capacity. Florida Keys Aqueduct Authority (FLKAA) wanted to have the ability to divert the wastewater flows from the Key Haven development to the Richard A. Heyman Environmental Pollution Control Facility in Key West to reduce the flows to the Big Coppitt WWTP during emergency conditions. The costs to divert flow would be significantly less than expanding the capacity of the Big Coppitt WWTP.

FLKAA contracted Baxter & Woodman to provide engineering services to perform preliminary and final design, cost estimation, permitting, bidding assistance, construction administration and resident project representative services for approximately 8,000 linear foot 8" force main from Key Haven Road to South Roosevelt Avenue. The wastewater flows from the Key Haven subdivision and the hydraulic modeling of the force main. Topographic survey, geotechnical investigation, and subsurface utility engineering were conducted. The design of the force main included approximately 5,000 linear feet of force main to be slip lined within an existing abandoned 18" water main, approximately 2,000 linear feet of horizontal directional drilled installation and 1,000 linear feet of open cut installation. Three horizontal direction drills were designed, two crossing the Overseas Highway (US Highway 1) and one crossing of the Cow Key Channel. Extensive coordination for permitting was performed with authorities having jurisdiction including: City of Key West, Florida Department of Transportation, United States Army Corps of Engineers, National Oceanic and Atmospheric Administration, and the Florida Department of Environmental Protection.

We divided the project into two phases to help complete the portion of the force main on South Roosevelt Avenue to avoid an FDOT resurfacing project.



# City of Boca Raton, FL

## Lift Station No. 179 Rehabilitation

### **SERVICES:**

- Preliminary Design Review
- Lift Station Design
- Construction Management and Inspection

### **PROJECT DATES:**

Start: 2020

End: 2022

### **STATUS OF PROJECT:**

Complete

### **REFERENCE:**

Talia Garcia, PE

Utilities Engineering Manager

401 Glades Road

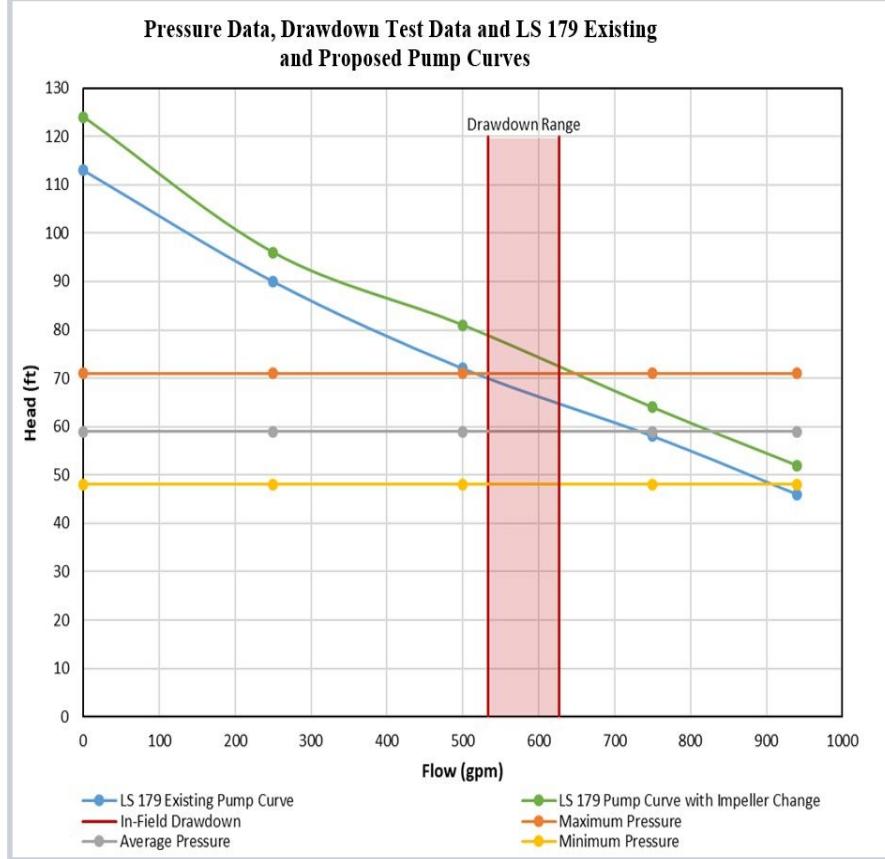
Boca Raton, FL 33431

(561) 338-7307

[tgarcia@myboca.us](mailto:tgarcia@myboca.us)



Lift Station 179 was an aging duplex submersible lift station which was located in an area of the City with high development potential. The City requested Baxter & Woodman perform a lift station capacity evaluation, design, permitting, bidding, construction management, and inspection for Lift Station 179. To accommodate the future flows, a completely new lift station would be required. Baxter & Woodman designed a new lift station adjacent to the old lift station, modified the existing wet well to be a manhole, and abandoned portions of the old easement to add new easement for a near net zero increase of easement to the approval of the private property owner. The project also included approximately 425 linear feet of horizontal directional bore of a 10-inch HDPE force main and surface restoration of the intersection of Congress Avenue and Broken Sound Parkway. Baxter & Woodman completed the preliminary design review in 2020, design in 2021, and followed the project to construction completion in 2022.



# City of West Palm Beach, FL

## Lift Stations No. 45 and 51 Rehabilitation

### **SERVICES:**

- Design services
- Converted the existing "can-type" station to submersible stations
- Replacement of approx. 75 LF of 10-inch forcemain

### **PROJECT DATES:**

Start: 2019

End: Ongoing

### **STATUS OF PROJECT:**

Bidding

### **REFERENCE:**

Laura Le, PE

Public Utilities Administration  
401 Clematis St. 4th Floor  
West Palm Beach, FL 33401  
561-494-1093

LLe@wpb.org

The City of West Palm Beach contracted with Baxter & Woodman to provide engineering design services for the rehabilitation of Lift Stations 45 and 51 in the City of West Palm Beach.

The project included the following components:

- Converted the existing "can-type" station (with two 20 HP pumps) to submersible stations which are located within the median of Australian Avenue. Installed two (2) new 20 Hp submersible pumps with associated rails and hatches.
- Provided structural modifications of the existing wetwell to convert it into a submersible wetwell. Demolished the concrete entrance tube and extend the concrete walls to grade. Provided new concrete top slab with hatches.
- Replaced the existing control panel and RTU in accordance with City standards.
- Replaced the existing 30 KW with a new 30 KW standby generator with base mounted tank. (LS 51)
- Replaced approx. 190 LF of 12-inch gravity sewer line and 43 LF of 10-inch gravity sewer line.
- Replaced approx. 75 LF of 10-inch forcemain in the discharge line.
- At lift station No. 51, the existing emergency diesel driven standby generator was replaced with a new generator unit.



# Town of Lauderdale-By-The-Sea, FL

## Palm Club Sanitary Sewer Improvements

### **SERVICES:**

- Design Engineering of Septic-to-Sewer System
- Permitting
- Public Involvement
- Construction Engineering Inspection

### **PROJECT DATES:**

Start: 2019

End: 2022

### **STATUS OF PROJECT:**

Complete

### **REFERENCE:**

Kenneth (Ken) W. Rubach  
510 W. Pine Street,  
Lantana, FL 33462  
(954) 640-4200  
KenR@lauderdalebythesea-fl.gov

The Town of Lauderdale-By-The-Sea contracted with Baxter & Woodman to provide data collection, engineering design, permitting, public participation & coordination, bidding assistance, construction administration, and construction inspection services related to sewerage of the Palm Club neighborhood. Baxter & Woodman provided design services for a conventional gravity sewer system that collects the wastewater and conveys it to a new lift station located near the Marina. The lift station force main piping pumps the wastewater to an existing 18-inch force main located in S.R. A1A. The project included the following components:

- New submersible lift station, including installing a wet-well, pump components, piping, valve box, valving, and control panel
- Electrical telemetry/RTU design provided for the lift station
- New 4-inch force main. The proposed force main will connect into the 18-inch force main located in S.R. A1A
- New 8-inch sanitary sewer, manholes, and service laterals to serve the project area
- Reconstruction/resurfacing of roadways as required

Approximately 100 residential units currently on septic tanks were seweraged under this project. This is an environmental credit to the Town for seweraging an area in close proximity to the Intracoastal Waterway.



# Town of Lantana, FL

## Integrated Master Plan - Stormwater, Water, Wastewater, Roadway, Seawalls, and Parks & Recreation Facilities

### **SERVICES:**

- Master Planning
- CIP Development

### **PROJECT DATES:**

Start: 2023

End: 2024

### **STATUS OF PROJECT:**

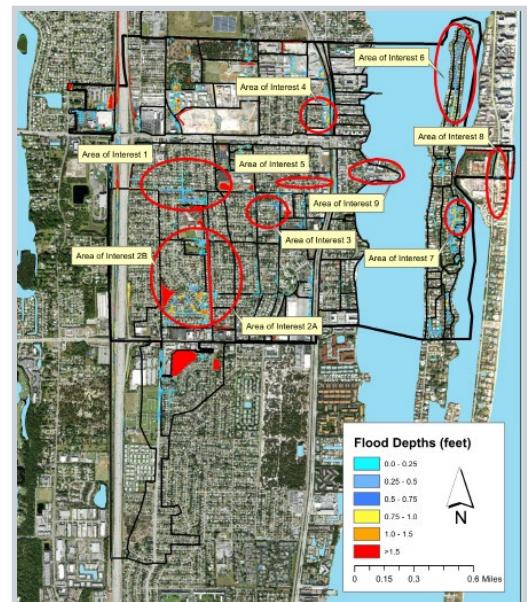
Complete

### **REFERENCE:**

Eddie Crockett  
Town of Lantana  
510 W. Pine Street,  
Lantana, Florida 33462  
(561) 540-5753  
ecrockett@lantana.org

The Town of Lantana (Town) contracted with Baxter & Woodman, Inc. to perform professional engineering services for the preparation of an Integrated Master Plan to inventory, assess and prepare a Capital Improvement Plan (CIP) for the Stormwater System, Potable Water Distribution System, Wastewater Collection and Transmission System, Roadway System, Seawall, and Parks & Recreation facilities. The CIP includes improvement recommendations with budgetary cost estimates for short-term (1 to 10 years) and extended-term (11 to 20 years) for the stormwater system, wastewater collection and transmission system, potable water distribution system, and roadways, seawalls and park assets. The CIP is based upon recent information associated with service area demographics, water resources, water demands, wastewater flows, hydraulic simulations, Sea Level Rise (SLR), roadway mill and overlay programs, seawall conditions, and planned park facilities operations.

Based on the results of each assessment, Areas of Interest were identified and compared geographically for each utility to form combined projects where possible. The projects were conceptually designed and ranked based on severity potential. Probable construction cost estimates were prepared. The projects were compiled into the CIP and phased over the two planning horizons based on the priority rankings.



# Town of Gulf Stream, FL

## Core Area Water, Storm and Roadway Improvements

### SERVICES:

- Design Engineering and Construction
- Stormwater Analysis
- Data Collection
- Bidding Services

### PROJECT DATES:

Start: 2022

End: Ongoing

### STATUS OF PROJECT:

Construction

### REFERENCE:

Greg Dunham

Town Manager

100 Sea Rd.

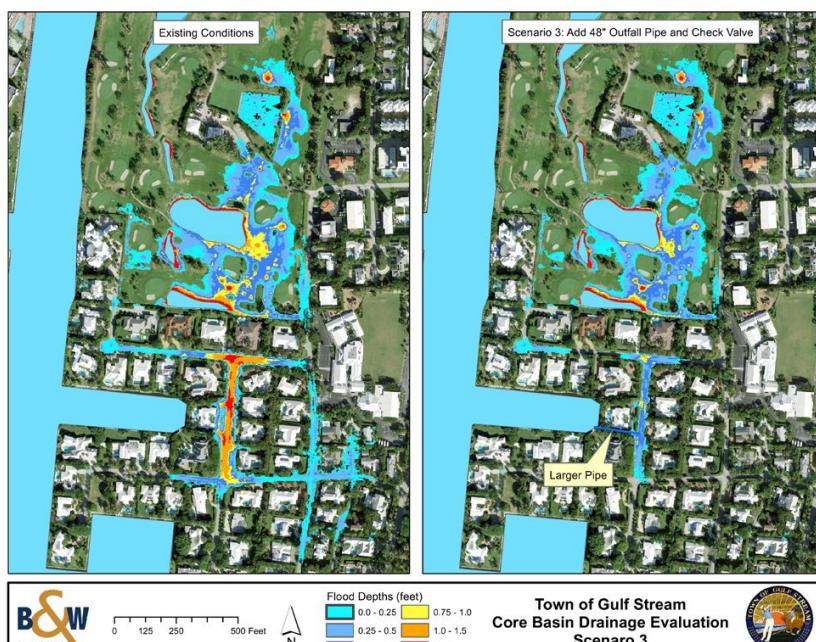
Gulf Stream, FL 33483

(561) 455-3188

gdunham@gulf-stream.org

The Town of Gulf Stream awarded to Baxter & Woodman the Core Area Improvement Project to perform the engineering and construction services for the Town's infrastructure in accordance to the 10-Year Capital Improvement Plan and to mitigate stormwater issues occurring within the Core Area. The Core Area consists of the properties and rights-of-way between Golfview Drive to Sea Road and the Intracoastal Waterway and N. Ocean Boulevard. Baxter & Woodman prepared the Town's 10-Year Capital Improvement Plan in June 2018, which identified the replacement of the aging asbestos cement (AC) water mains and rehabilitation of roadways. The water main replacement will implement open trench installation and construction by trenchless technology, pre-chlorinated pipe bursting, to minimize above grade impacts and reduce water main service outages. In addition, Baxter & Woodman prepared an in depth stormwater analysis for the Core Area in June 2021 to analyze the causes and provide recommendations for improvements to mitigate the flooding events. Roadway grades were raised in low lying areas, redesigned grading of the roadway with the addition of stormwater structures and upsizing of various existing stormwater piping was included to facilitate positive discharge of surface waters.

Baxter & Woodman implemented the recommended improvements by providing data collection, preliminary design, final design, permitting, and bidding services. The project is currently under construction.



# Town of Lantana, FL

## Broadway Water Main

### SERVICES:

- Design Engineering and Construction Services
- Permitting and Bidding Assistance
- Water Main Replacement
- Roadway Replacement

### PROJECT DATES:

Start: 2023

End: 2024

### STATUS OF PROJECT:

Complete

### REFERENCE:

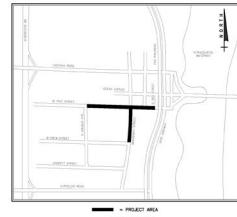
Eddie Crockett  
Public Services Director  
510 W. Pine Street,  
Lantana, Florida 33462  
(561) 540-5753  
ecrockett@lantana.org

Baxter & Woodman provided engineering services for the design, permitting, and bidding assistance for the replacement of existing 14-inch, 12-inch, and 8-inch water mains.

The design includes the removal and replacement of asbestos cement water main along the public right-of-way for the discharge main exiting the Town's Water Treatment Plant and within the Town's Water Treatment Plant.

The project will increase fire flow coverage for the surrounding area and replace inoperable valves. The project includes installation of new fire hydrants. The design focuses on project phasing and coordination to replace the existing roadway surface.

## TOWN OF LANTANA SOUTH BROADWAY AND WEST PINE STREET WATER MAIN IMPROVEMENTS



TOWN COUNCIL

MAYOR — KAREN LYTHGOE  
VICE MAYOR PRO-TEM — MARK ZEITLER  
VICE MAYOR — LYNN J. MOORHOUSE, D.O.S.  
COUNCIL MEMBER — DIRES CASTLE  
COUNCIL MEMBER — KEM MASON  
TOWN MANAGER — BRIAN K. REDUCCI  
OPERATIONS DIRECTOR — EDDIE CROCKETT  
ASSISTANT UTILITIES DIRECTOR — JERRY L. DARR

### DRAWING LIST

SHEET	DRAWING	TITLE
<b>GENERAL</b>		
1	G-1	GENERAL SHEET, LOCATION MAP AND DRAWING LIST
2	G-2	GENERAL NOTES, SURVEY NOTES AND LEGEND
3	G-3	
<b>DEMOLITION</b>		
4	DM-1	WEST PINE STREET - DEMOLITION PLAN 1
5	DM-2	WEST PINE STREET - DEMOLITION PLAN 2
6	DM-3	WEST PINE STREET - DEMOLITION PLAN 3
7	DM-4	SOUTH BROADWAY - DEMOLITION PLAN 4
8	DM-5	SOUTH BROADWAY - DEMOLITION PLAN 5
9	DM-6	TOWN OF LANTANA OPERATION CENTER - DEMOLITION PLAN 6
<b>CIVIL</b>		
10	C-1	WEST PINE STREET - PLAN AND PROFILE - STA. 4+00 TO STA. 4+03
11	C-2	WEST PINE STREET - PLAN AND PROFILE - STA. 4+00 TO STA. 4+03
12	C-3	WEST PINE STREET - PLAN AND PROFILE - STA. 4+00 TO STA. 4+03
13	C-4	WEST PINE STREET - PLAN AND PROFILE - STA. 12+00 TO STA. 16+00
14	C-5	WEST PINE STREET - PLAN AND PROFILE - STA. 16+00 TO STA. 20+00
15	C-6	SOUTH BROADWAY - PLAN AND PROFILE - STA. 4+00 TO STA. 4+03
16	C-7	SOUTH BROADWAY - PLAN AND PROFILE - STA. 4+00 TO STA. 9+00
17	C-8	SOUTH BROADWAY - PLAN AND PROFILE - STA. 9+00 TO STA. 13+00
18	C-9	TOWN OF LANTANA OPERATION CENTER - SITE PLAN
<b>DETAILS</b>		
19	D-1	STANDARD DETAILS 1
20	D-2	STANDARD DETAILS 2
21	D-3	STANDARD DETAILS 3
<b>TITLE SHEET, LOCATION AND DRAWING LIST</b>		
SHEET: 1 of 1 DRAWING: G-1		

100% DESIGN  
JULY 2023

DR. INFORMATION REGARDING THIS PROJECT, CONTACT:  
JAKE A. HURLEY, P.E.  
BAXTER & WOODMAN, INC.  
477 S. Broadway, Suite 200, West Palm Beach, Florida 33401  
(561) 425-0775

**BAXTER & WOODMAN**  
Consulting Engineers  
477 S. Broadway, Suite 200, West Palm Beach, Florida 33401  
(561) 425-0775

A. JAKE HURLEY, P.E.  
RS. 90874 (GENERAL, G-1)

# D. Organizational Structure

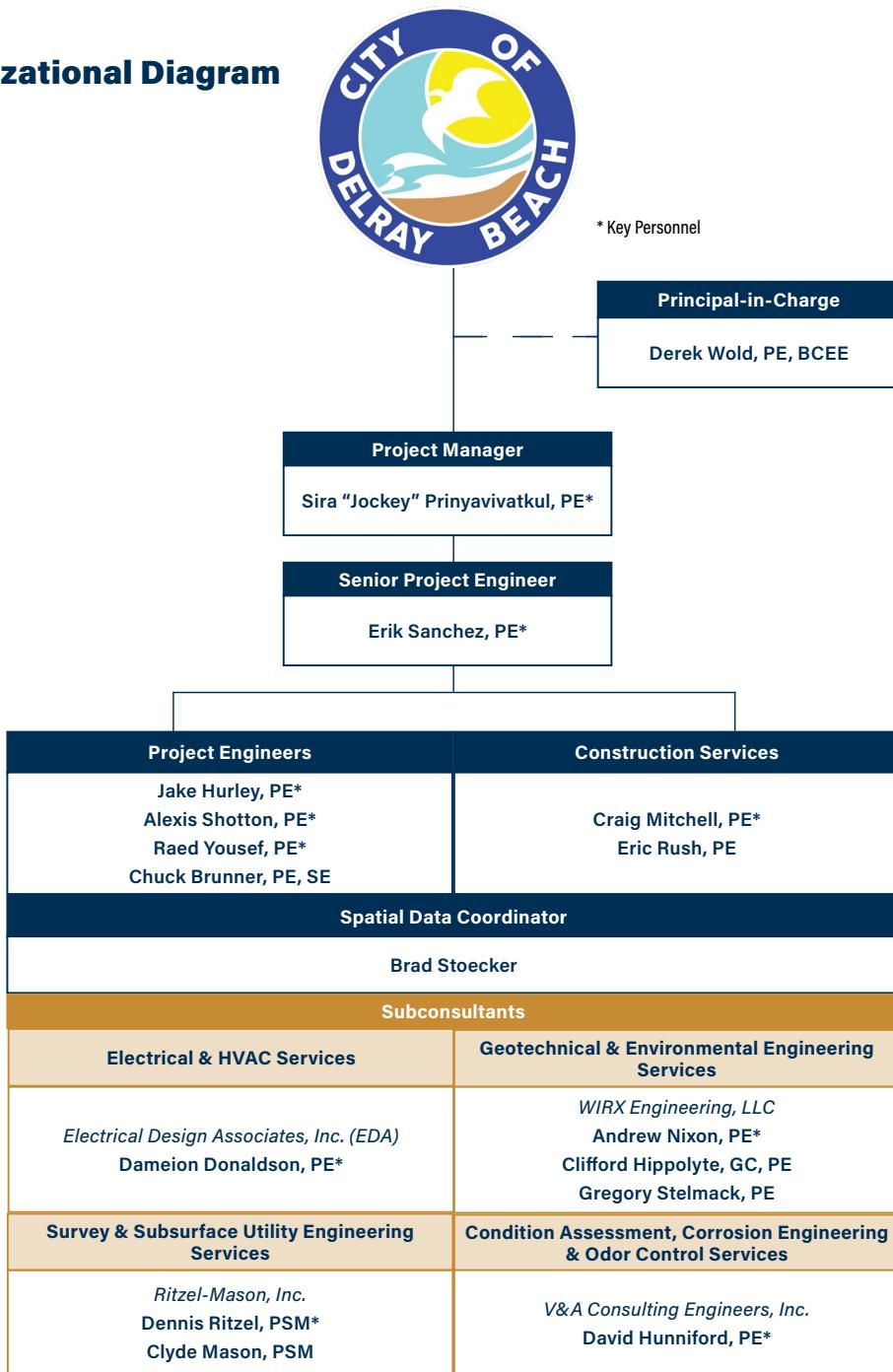
## i. Location of Team

Name	Role	Address
Derek Wold, PE, BCEE	Principal-in-Charge	1548 Bond St Suite 103 Naperville, IL 60563
Sira "Jockey" Prinyavivatkul, PE	Project Manager	1601 Forum Place, Suite 400 West Palm Beach, FL 33401
Erik Sanchez, PE	Senior Project Engineer	200 E. Robinson Street, Suite 555, Orlando, FL 32801
Jake Hurley, PE	Project Engineer	1601 Forum Place, Suite 400 West Palm Beach, FL 33401
Alexis Shotton, PE	Project Engineer	1601 Forum Place, Suite 400 West Palm Beach, FL 33401
Raed Yousef, PE	Project Engineer	200 E. Robinson Street, Suite 555, Orlando, FL 32801
Craig Mitchell, PE	Construction Manager	8678 Ridgefield Rd. Crystal Lake, IL 60012

## ii. Location of Subconsultants

Firm	Role	Address
<b>Electrical Design Associates, Inc. (EDA)</b>	Electrical & HVAC	7284 West Palmetto Park Rd. Suite 302-S, Boca Raton, FL 33433
<b>WIRX Engineering, LLC</b>	Geotechnical/ Environmental	515 E. Las Olas Blvd., 120 Fort Lauderdale, FL 33301
<b>Ritzel-Mason, Inc.</b>	SUE & Survey Services	5119 Beechwood Rd. Delray Beach, FL 33484
<b>V&amp;A Consulting Engineers, Inc.</b>	Condition Assessment, Corrosion Engineering & Odor Control Services	8600 Hidden River Parkway, Suite 550 Tampa, FL 33637

### iii. Organizational Diagram



**iv.** The project team for the City of Delray Beach will be led by Project Manager Sira "Jockey" Prinyavivatkul, PE, supported by a highly skilled group of professionals including Senior Project Engineer Erik Sanchez, PE, Project Engineers Jake Hurley, PE, Alexis Shotton, PE, Raed Yousef, PE, and Chuck Brunner, PE, SE, and Construction Managers Craig Mitchell, PE and Eric Rush, PE. Brad Stoecker will contribute as Spatial Data Coordinator. This team will collaborate with subconsultants such as Electrical Design Associates, Inc. (EDA), led by Dameion Donaldson, PE, for Electrical and HVAC services; WIRX Engineering, LLC, with Andrew Nixon, PE, Clifford Hippolyte, GC, and Gregory Stelmack, PE for Geotechnical/Environmental services; Ritzel-Mason, Inc., with Dennis Ritzel, PSM and Clyde Mason, PSM for SUE & Survey Services; and V&A Consulting Engineers, Inc., with David Hunniford, PE, for Condition Assessment, Corrosion Engineering, and Odor Control services. The team is organized to confirm the City's active involvement throughout the project, providing timely and cost-effective solutions with a responsive network of technical and administrative support.

## **v. Narrative of Firm's Workload & Signed Commitment**



1601 Forum Place, Suite 400, West Palm Beach, FL 33401 • baxterwoodman.com

December 6, 2024

Baxter & Woodman is fully committed to supporting the City's project and has carefully evaluated the current and projected workloads of our team members to confirm we can meet the needs of this contract. We consistently monitor the workloads of our staff to maintain responsiveness to our clients while balancing the demands of existing commitments. After reviewing the responsibilities of all proposed team members, we are confident that our team can fully take on the City's project(s) without compromising service to other clients. Our team is prepared to begin work on this contract in 2025, with the resources and manpower required to complete the project efficiently, on time, and within budget. Please accept this signed letter of commitment affirming our dedication to delivering high-quality, cost-effective engineering services for the City.

Sincerely,

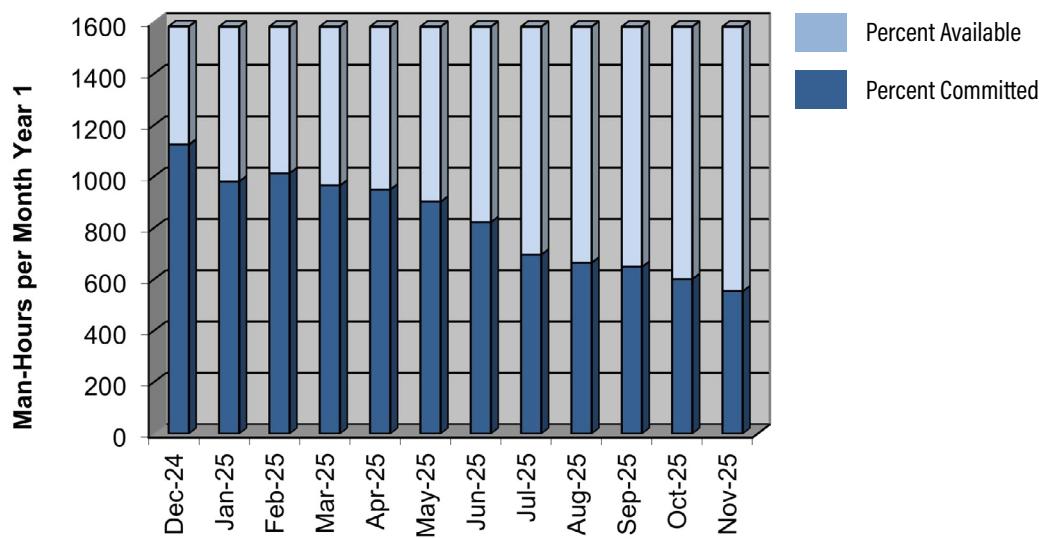
BAXTER & WOODMAN, INC.  
CONSULTING ENGINEERS

A handwritten signature in black ink that reads "Derek Wold". The signature is fluid and cursive, with a distinct 'D' at the beginning and an 'o' at the end.

Derek Wold, PE, BCEE  
Executive Vice President

## vi. Narrative of all Key Personnel's Workload

Baxter & Woodman has assessed the current and projected workloads of our team members, confirming their full availability and commitment to the City's project starting in 2025, without affecting existing responsibilities.



Baxter & Woodman has reviewed the current workloads of our team members and confirms their full availability to dedicate to the City's project starting immediately, without any impact on existing commitments.

Key Personnel	Availability Percentage	
<b>Derek Wold, PE, BCEE</b> <i>Principal-in-Charge</i>	40%	██████████
<b>Sira "Jockey" Prinyavivatkul, PE</b> <i>Project Manager</i>	60%	██████████
<b>Erik Sanchez, PE</b> <i>Senior Project Manager</i>	70%	██████████
<b>Jake Hurley, PE</b> <i>Project Engineer</i>	40%	██████████
<b>Alexis Shotton, PE</b> <i>Project Engineer</i>	40%	██████████
<b>Raed Yousef, PE</b> <i>Project Engineer</i>	60%	██████████
<b>Craig Mitchell, PE</b> <i>Construction Manager</i>	60%	██████████

## ■ **Electrical Design Associates:**

Current Workload Chart for Electrical Design Associates, Inc.

Project Name	Owner	% Complete	Phase	Estimated Completion Date
System-Wide Wellfield Improvements Phase 2 - Additional Construction Phase Services	Palm Beach County	1%	C	01/2026
SCADA and Telemetry Systems Master Plan Evaluation - Phase 1	Lake Worth Beach	85%	CD	04/2025
Central County Water and Wastewater Treatment Facilities	St. Lucie County	12%	CD	09/2025
Water Treatment Plant PLC Upgrades	Lantana	30%	CD	08/2025
Lift Station No. 45 and 51 Improvements - Public Outreach	West Palm Beach	10%	SD	12/2025

**Phase Key:** **CN** - Contract Negotiated, **SD** - Schematic Design, **DD** - Design Development, **CD** - Construction Documents, **C** - Construction.

**Personnel Availability for Electrical Design Associates, Inc.**

Personnel	Role	Years of Experience	Estimated % Availability
Dameion Donaldson, P.E.	Electrical Engineer	20	40%

## ■ **WIRX Engineering:**

WIRX Engineering, LLC (WIRX) senior staff are readily available to support all of the City's projects and needs. Our current workload falls in the approximate 40% availability range, with general availability within the next quarter increasing to approximately 50+% for our senior personnel. Our senior Team is also well cross trained in all of the areas that we service, and therefore, we do not anticipate any issues with fully supporting the City's projects both now and in the future.

**For current availability % for our lead folks:**

Andrew Nixon, PE - 40%

Clifford Hippolyte, GC, PE - 30%

Gregory Stelmack, PE - 40%

## ■ **Ritzel-Mason:**

Clyde Mason, PSM – Recent availability -10%, Current availability – 25%, Projected availability – 35%

Dennis Ritzel, PSM – Recent availability -20%, Current availability – 35%, Projected availability – 45%

## ■ **V&A Consulting Engineers:**

David Hunniford, PE will be at least 55% available to allocate resources and time to the City's project. With many of his current commitments wrapping up in early 2025, he will have adequate availability to contribute effectively while maintaining quality.



# **Chapter 5: Public Entity Form, Drug Free Workplace Form, Conflict of Interest Form, Acknowledgement of Addenda Form**



# A. Acknowledgement of Addenda

City of Delray Beach  
RFQ No. 2025-007

CONTINUING ENGINEERING CONSULTING SERVICES- UTILITIES

## ACKNOWLEDGEMENT OF ADDENDA

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Instructions: Complete Part I or Part II, Whichever Applies

**PART I:**

List below the dates of issue for each addendum received in connection with this Solicitation:

Addendum #1, Dated November 13, 2024

Addendum #2, Dated December 2, 2024

Addendum #3, Dated December 3, 2024

Addendum #4, Dated December 3, 2024

Addendum #5, Dated \_\_\_\_\_

Addendum #6, Dated \_\_\_\_\_

Addendum #7, Dated \_\_\_\_\_

Addendum #8, Dated \_\_\_\_\_

Addendum #9, Dated \_\_\_\_\_

Addendum #10, Dated \_\_\_\_\_

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**PART II:**

NO ADDENDUM WAS RECEIVED IN CONNECTION WITH THIS SOLICITATION

---

Baxter & Woodman, Inc.

Firm Name



Signature

Derek J. Wold, PE, BCEE | Executive Vice President

Name and Title (Print or Type)

December 6, 2024

Date

# B. Proposal Submittal Signature

## Page

City of Delray Beach  
RFQ No. 2025-007  
CONTINUING ENGINEERING CONSULTING SERVICES- UTILITIES

### PROPOSAL SUBMITTAL SIGNATURE PAGE

By signing this Proposal, the Proposer certifies that it satisfies all legal requirements as an entity to do business with the City, including all Conflict of Interest and Code of Ethics provisions.

Submitting for the following category: (Circle Only One)

1. Water Treatment Design Services
2. Wastewater Pump Station and Underground Pipeline Design Services

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---

Firm Name:  
Baxter & Woodman, Inc.

---

Street Address:  
1601 Forum Place, Suite 400, West Palm Beach, FL 33401

---

Mailing Address (if different from Street Address):

---

Telephone Number(s): 561-655-6175

---

Fax Number(s): 815-455-0450

---

Email Address: marketing@baxterwoodman.com

---

Federal Employer Identification Number: 36-2845242

---

Signature:   
(Signature of authorized agent)

---

Print Name: Derek J. Wold, PE, BCEE

---

Title: Executive Vice President

---

Date: 12/4/2024

---

By signing this document, the Proposer agrees to all terms and conditions of this Solicitation and the resulting contract/agreement.

**THE EXECUTION OF THIS FORM CONSTITUTES THE UNEQUIVOCAL OFFER OF Proposer TO BE BOUND BY THE TERMS OF ITS PROPOSAL, FOR NOT LESS THAN 120 DAYS, AND THE Proposer's UNEQUIVOCAL OFFER TO BE BOUND BY THE TERMS AND CONDITIONS SET FORTH IN THIS SOLICITATION. FAILURE TO SIGN THIS SOLICITATION WHERE INDICATED ABOVE, BY AN AUTHORIZED REPRESENTATIVE, SHALL RENDER THE PROPOSAL NON-RESPONSIVE. THE CITY MAY, HOWEVER, IN ITS SOLE DISCRETION, ACCEPT**

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# C. Conflict of Interest Disclosure Form

City of Delray Beach  
RFQ No. 2025-007

CONTINUING ENGINEERING CONSULTING SERVICES- UTILITIES

**ANY PROPOSAL THAT INCLUDES AN EXECUTED DOCUMENT WHICH UNEQUIVOCALLY BINDS THE Proposer TO THE TERMS OF ITS PROPOSAL.**

## CONFLICT OF INTEREST DISCLOSURE FORM

The award of this contract is subject to the provisions of Chapter 112, *Florida Statutes*. All Proposers **must** disclose within their Proposal: the name of any officer, director, or agent who is also an employee of the City of Delray Beach.

Furthermore, all Proposers **must** disclose the name of any City employee who owns, directly or indirectly, an interest of more than five percent (5%) in the Proposer's firm or any of its branches.

The purpose of this disclosure form is to give the City the information needed to identify potential conflicts of interest for evaluation team members and other key personnel involved in the award of this contract.

The term "conflict of interest" refers to situations in which financial or other personal considerations may adversely affect, or have the appearance of adversely affecting, an employee's professional judgment in exercising any City duty or responsibility in administration, management, instruction, research, or other professional activities.

Please check one of the following statements and attach additional documentation if necessary:

To the best of our knowledge, the undersigned firm has no potential conflict of interest due to any other Cities, Counties, contracts, or property interest for this Proposal.

The undersigned firm, by attachment to this form, submits information which may be a potential conflict of interest due to other Cities, Counties, contracts, or property interest for this Proposal.

Acknowledged by:

Baxter & Woodman, Inc.

Firm Name

  
Signature

Derek J. Wold, PE, BCEE | Executive Vice President

Name and Title (Print or Type)

December 4, 2024

Date

# **D. Notification of Public Entity Crimes Law**

City of Delray Beach  
RFQ No. 2025-007  
CONTINUING ENGINEERING CONSULTING SERVICES- UTILITIES

## **NOTIFICATION OF PUBLIC ENTITY CRIMES LAW**

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Pursuant to Section 287.133, *Florida Statutes*, you are hereby notified that a person or affiliate who has been placed on the convicted contractors 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 on a contract with a public entity for the construction or repair of a public building or public work; may not submit Proposal on leases or real property to a public entity; may not be awarded or perform work as a contractor, supplier, sub-consultant, 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 [F.S.] for Category Two [\$35,000.00] for a period of thirty-six (36) months from the date of being placed on the convicted contractors list.

Acknowledged by:

Baxter & Woodman, Inc.

---

Firm Name

---



---

Signature

Derek J. Wold, PE, BCEE | Executive Vice President

---

Name and Title (Print or Type)

December 4, 2024

---

Date

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# E. Notification of Public Records Law

City of Delray Beach

RFQ No. 2025-007

CONTINUING ENGINEERING CONSULTING SERVICES- UTILITIES

## Notification of Public Records Law Pertaining to Public Contracts and Requests for Contractor Records Pursuant to Chapter 119, *Florida Statutes*

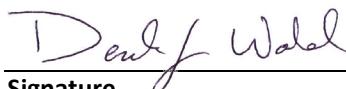
Pursuant to Chapter 119, *Florida Statutes*, Contractor **shall** comply with the public records law by keeping and maintaining public records required by the City of Delray Beach in order to perform the service. Upon request from the City of Delray Beach' custodian of public records, contract **shall** provide the City of Delray Beach with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, *Florida Statutes* or as otherwise provided by law. Contractor **shall** ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract. If the Contractor does not transfer the records to the City of Delray Beach. Contractor upon completion of the contract, **shall** transfer, at no cost, to the City of Delray Beach all public records in possession of the Contractor or keep and maintain public records required by the City of Delray Beach in order to perform the service. If the Contractor transfers all public records to the City of Delray Beach upon completion of the contract, the Contractor **shall** destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Contractor keeps and maintains public records upon completion of the contract, the Contractor **shall** meet all applicable requirements for retaining public records. All records stored electronically **must** be provided to the City of Delray Beach, upon request from the City of Delray Beach' custodian of public records, in a format that is compatible with the information technology systems of the City of Delray Beach.

**IF CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT OFFICE OF THE CITY CLERK LOCATED AT 100 NW 1<sup>ST</sup> STREET, DELRAY BEACH, FLORIDA 33444, PHONE NUMBER (561) 243-7000, EMAIL ADDRESS: [JOHNSONK@MYDELRAYBEACH.COM](mailto:JOHNSONK@MYDELRAYBEACH.COM).**

**Acknowledged:**

Baxter & Woodman, Inc.

**Firm Name**



**Signature**

Derek J. Wold, PE, BCEE | Executive Vice President

**Name and Title (Print or Type)**

December 4, 2024

**Date**

# F. Drug-Free Workplace

City of Delray Beach  
RFQ No. 2025-007

CONTINUING ENGINEERING CONSULTING SERVICES- UTILITIES

## DRUG-FREE WORKPLACE

Baxter & Woodman, Inc. \_\_\_\_\_ is a drug-free workplace and has  
(Company Name)  
a substance abuse policy in accordance with and pursuant to Section 440.102, *Florida Statutes*.

Acknowledged by:

Baxter & Woodman, Inc. \_\_\_\_\_

Firm Name



Signature

Derek J. Wold, PE, BCEE | Executive Vice President

Name and Title (Print or Type)

December 4, 2024

Date

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# G. Non-Collusion Affidavit

City of Delray Beach  
RFQ No. 2025-007

CONTINUING ENGINEERING CONSULTING SERVICES- UTILITIES

## NON-COLLUSION AFFIDAVIT

STATE OF Florida  
COUNTY OF Orange

Before me, the undersigned authority, personally appeared Derek J. Wold, PE, BCEE, who, after being by me first duly sworn, deposes and says of his/her personal knowledge that:

a. He/She is Executive Vice President of Baxter & Woodman, Inc., the Proposer that has submitted a Proposal to perform work for the following:

RFQ No.: 2025-007 Title: Continuing Engineering Consulting Services-Utilities

b. He/She is fully informed respecting the preparation and contents of the attached Request for Qualifications, and of all pertinent circumstances respecting such Solicitation.

Such Proposal is genuine and is not a collusive or sham Proposal.

c. Neither the said Proposer nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including this affiant, has in any way colluded, conspired, connived, or agreed, directly or indirectly, with any other Proposer, firm, or person to submit a collusive or sham Proposal in connection with the Solicitation and contract for which the attached Proposal has been submitted or to refrain from proposing in connection with such Solicitation and contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Proposer, firm, or person to fix the price or prices in the attached Proposal or any other Proposer, or to fix any overhead, profit, or cost element of the Proposal price or the Proposal price of any other Proposer, or to secure through any collusion, conspiracy, connivance, or unlawful agreement any advantage against the City or any person interested in the proposed contract.

d. The price or prices quoted in the attached Proposal are fair and proper and are not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the Proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

Derek J. Wold  
Signature

Subscribed and sworn to (or affirmed) before me this 12 day of November 2024, by Derek J. Wold, PE, BCEE, who is personally known to me or who has produced \_\_\_\_\_ as identification.

SEAL



Notary Signature: Hannah M. Estes

Notary Name: Hannah M. Estes

Notary Public (State): Florida

My Commission No: HH595401

Expires on: 9/19/2028

# H. Affidavit Regarding the Use of Coercion for Labor & Services

City of Delray Beach

RFQ No. 2025-007

CONTINUING ENGINEERING CONSULTING SERVICES- UTILITIES

CITY OF DELRAY BEACH

## Affidavit Regarding the Use of Coercion for Labor and Services

Vendor Name: Baxter & Woodman, Inc.

Vendor FEIN: 36-2845242

Vendor's  
Authorized  
Representative  
Name and Title: Derek J. Wold, PE, BCEE | Executive Vice President

Address: 1601 Forum Place, Suite 400  
City: West Palm Beach State: FL Zip: 33401

Phone Number: 815-459-1260

Email Address: marketing@baxterwoodman.com

Florida Statute §787.06(13) requires all nongovernmental entities executing, renewing, or extending a contract with a governmental entity to provide an affidavit signed by an officer or representative of the nongovernmental entity under penalty of perjury that the nongovernmental entity does not use coercion for labor or services as defined in that statute. The City of Delray Beach, Florida is a governmental entity for the purposes of this statute.

As the officer or representative of the company, I certify that the company identified above does not:

- Use or threaten to use physical force against any person;
- Restrain, isolate, or confine or threaten to restrain, isolate, or confine any person without lawful authority and against his or her will;
- Use lending or other credit methods to establish a debt by any person when labor or services are pledged as a security for the debt, if the value of the labor or services as reasonably assessed is not applied towards the liquidation of the debt, the length and nature of the labor or services are not respectively limited and defined;
- Destroy, conceal, remove, confiscate, withhold, or possess any actual or purported passport, visa, or other immigration document, or any other actual or purported government identification, of any person;
- Cause or threaten to cause financial harm to any person;
- Entice or lure any person by fraud or deceit;
- Provide controlled substances as outlined in Schedule I or Schedule II of Florida State Statute §893.03 to any person for the purpose of exploitation of that person.

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City of Delray Beach  
RFQ No. 2025-007  
CONTINUING ENGINEERING CONSULTING SERVICES- UTILITIES

Under penalties of perjury, I declare that I have read the foregoing document and the facts stated in it are true.

Signature:   
(Authorized Signature)

Print Name  
And Title: Derek J. Wold, PE, BCEE | Executive Vice President

Date: December 4, 2024

# I. Truth-In-Negotiation Certificate

City of Delray Beach  
RFQ No. 2025-007

CONTINUING ENGINEERING CONSULTING SERVICES- UTILITIES

## TRUTH – IN – NEGOTIATION CERTIFICATE

The undersigned warrants (i) that it has not employed or retained any company or person, other than bona fide employees working solely for the undersigned, to solicit or secure the Agreement and (ii) that it has not paid or agreed to pay any person, company, corporation, individual, or firm other than its bona fide employees working solely for the undersigned or agreed to pay any fee, commission, percentage, gift, or any other consideration contingent upon or resulting from the award or making of the Agreement.

The undersigned certifies that the wage rates and other factual unit costs used to determine the compensation provided for in the Agreement are accurate, complete, and current as of the date of the Agreement.

Name: Baxter & Woodman, Inc.

Title: Derek J. Wold, PE, BCEE | Executive Vice President

Date: December 4, 2024

Signature: Derek J. Wold

(The remainder of this page is intentionally left blank)

# J. Scrutinized Company

City of Delray Beach  
RFQ No. 2025-007

CONTINUING ENGINEERING CONSULTING SERVICES- UTILITIES

## Scrutinized Company Certification

This certification is required pursuant to Florida State Statute Section 287.135.

As of July 1, 2011, a company that, at the time of bidding or submitting a proposal for a new contract or renewal of an existing contract, is on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List is ineligible for, and may not bid on, submit a proposal for, or enter into or renew a contract with an agency or local governmental entity for goods or services of \$1 million or more.

Companies **must** complete and return this form with its response.

Company. Baxter & Woodman, Inc. FID or EIN No. 36-2845242

Address. 1601 Forum Place Suite 400

City. West Palm Beach State. Florida Zip. 33401

I, Derek J. Wold, PE, BCEE as a representative of Baxter & Woodman, Inc.

certify and affirm that this company is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List.

  
\_\_\_\_\_  
Signature

Executive Vice President

\_\_\_\_\_  
Title

Derek J. Wold, PE, BCEE  
Printed Name

December 4, 2024

\_\_\_\_\_  
Date

# Section 10: Solicitation Summary

City of Delray Beach  
RFQ No. 2025-007  
CONTINUING ENGINEERING CONSULTING SERVICES- UTILITIES

## SECTION 10: SOLICITATION SUMMARY

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### PURCHASING AND CONTRACT ADMINISTRATION DIVISION

The City of Delray Beach  
100 NW 1<sup>st</sup> Avenue  
Delray Beach, FL 33444

### SOLICITATION SUMMARY

#### **IMPORTANT NOTICE**

The information you provide on this page will be read aloud at the PUBLIC OPENING for this Solicitation. It is VERY IMPORTANT that the summary information you provide below is exactly the same information contained in your Proposal. If subsequent to the opening of Proposals, the City determines that the information contained in the electronic version of your Proposal is different from the information on this Solicitation Summary, the City reserves the right to deem your Proposal NON-RESPONSIVE and remove your Proposal from further evaluation and consideration for contract award.

#### **PROPOSAL INFORMATION**

Proposal Number: RFQ No. 2025-007  
Title: Continuing Engineering Consulting Services - Utilities  
Due Date and Time: **November 13, 2024 @ 2:00 P.M., (LOCAL TIME)**  
Name of Proposer: Baxter & Woodman, Inc.  
Address: 1601 Forum Place, Suite 400, West Palm Beach, FL 33401  
Contact Person: Derek J. Wold, PE, BCEE  
Authorized Signature:   
Date: December 4, 2024

By signing and submitting this Solicitation Summary, the Proposer affirms that the information provided above is an exact and correct summary of the information contained in the electronic version of the Proposer's Proposal to the City of Delray Beach.

**THIS SOLICITATION SUMMARY MUST BE SIGNED AND UPLOADED WITH YOUR SECURE ELECTRONIC PROPOSAL SUBMITTAL THROUGH [www.bidnetdirect.com//cityofdelraybeach](http://www.bidnetdirect.com//cityofdelraybeach)**



## Chapter 6: Evidence of Insurance



# Evidence of Insurance



## CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
12/3/2024

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.

**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).

PRODUCER Holmes Murphy & Associates 2727 Grand Prairie Pkwy Waukee IA 50263	CONTACT NAME: Beau Murray	
	PHONE (A/C, No. Ext): 608-242-2558	FAX (A/C, No):
	E-MAIL ADDRESS: BMurray@holmesmurphy.com	
	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A: Valley Forge Insurance Company	20508
BAXWOPC	INSURER B: The Continental Insurance Company	35289
	INSURER C: Continental Casualty Company	20443
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES CERTIFICATE NUMBER: 33386782 REVISION NUMBER:

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.

INSR LTR	TYPE OF INSURANCE	ADDL/SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	COMMERCIAL GENERAL LIABILITY  CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR		7017821337	1/1/2024	1/1/2025	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  X ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> SCHEDULED AUTOS HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY		7017833701	1/1/2024	1/1/2025	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR EXCESS LIAB <input checked="" type="checkbox"/> CLAIMS-MADE		7017835416	1/1/2024	1/1/2025	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input checked="" type="checkbox"/> Y / N <input type="checkbox"/> N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N / A	717818681	1/1/2024	1/1/2025	X PER STATUTE <input checked="" 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
C	Professional Liability Claims made form		AEH591900841	1/1/2024	1/1/2025	Per claim Aggregate \$5,000,000 \$10,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

RFQ NO: 2025-007  
Continuing Engineering Consulting Services - Utilities

Additional Insured only if required by written contract with respect to General Liability, Automobile Liability and Umbrella/Excess Liability applies on a primary basis and the insurance of the additional insured shall be non-contributory: City of Delray Beach and Others as required by written contract, per policy terms and conditions.

Waiver of Subrogation only if required by written contract with respect to General Liability, Automobile Liability, Workers Compensation and Umbrella/Excess See Attached...

CERTIFICATE HOLDER	CANCELLATION
City of Delray Beach 100 NW 1 st Avenue DELRAY BEACH FL 33444	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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