



RFQ #21/22-02

Inspection Services for the Replacement of Okeechobee High School

Submitted to:

Okeechobee County School Board
ATTN: Jeff Diefendorf, Director of Operations,
938 NW 34 Street, Okeechobee, FL 34972

By:

January 5th, 2022 (Date of Proposal)

From:



JPI

5995 S A1A

Melbourne, FL 32951

c/o Joe Payne, PE MBA

joe@jpiflorida.com

877-801-7770

Contents:

Three (3) copies, one (1) original marked "original" clearly labeled with the
RFQ number and one (1) flash drive

ORIGINAL



Letter of Transmittal

January 5th, 2022
RFQ #21/22-02

Okeechobee County School Board
Operations Office
ATTN: Jeff Diefendorf, Director of Operations
938 NW 34 Street
Okeechobee, FL 34972

Dear Mr. Diefendorf,

JPI is pleased to present our response to your recent proposal advertisement. JPI proposes Kevin Singley, CBO as the Building Official for this contract. Kevin has served in a similar capacity for School Boards on the following projects:

- a. Treasure Coast High School, 2 story tilt wall construction, \$80M valuation, Klewin
- b. Fort Pierce central High School, 2 story tilt wall construction, \$80M valuation, Cummings
- c. Allapatah Flatts K-8, 3 story tilt wall construction, \$65M valuation, Summit Const.
- d. Oak Hammock K-8, 2 story CBS construction, \$42M valuation, Proctor Const.
- e. Westgate K-8, 2 story CBS construction, \$42M valuation, Proctor Const.
- f. Palm Pointe K-8, 2 story CBS construction, \$42M valuation, Proctor Const.
- g. Samuel Gaines K-8, 2 story CBS construction, \$42M valuation, Morganti Group
- h. Lincoln Park Academy K-8 Addition, 2 story CBS construction, \$20M value, Morganti

JPI is completely committed to government services, has no private industry clients, and has zero conflicts to the work of this contract. Please let this letter serve as our formal agreement to be bound by the submittal without modifications, unless mutually agreed to upon further negotiations between the School Board and JPI. **Joe Payne**, PE, the President of JPI will be the binding agent. Mr. Payne is a professional engineer with 25 years of experience. JPI is a Florida Owned Corporation and a statewide Professional Service firm. JPI was founded in 2010 after servicing state contracts as a sole proprietor for several years. Our staff includes over forty highly qualified and experienced professionals. JPI commits all of its resources to this goal which includes up to 1800 weekly manhours of operational capacity.

Sincerely,

Joe Payne, PE, President

joe@jpiflorida.com

877.801.7770



JPI TABLE OF CONTENTS

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Tab 1 – COMPANY LOCATION AND LENGTH OF TIME IN BUSINESS

JPI was founded in 2010. The corporate office as registered on Sunbiz.org is 5995 S A1A, Melbourne, FL. JPI services several local counties in the vicinity from this location including Martin County, St. Lucie County, and Indian River County to name a few.

JPI's proposed Building Official/ Plan Reviewer, Kevin Singley resides in Fort Pierce, FL. Mr. Singley lives within 45 minutes of most locations in Okeechobee County.



Tab 2 – COMPANY LOCATION AND LENGTH OF TIME IN BUSINESS

JPI is not a MBE, WBE, or VO.

JPI will offer sub-consulting opportunities to Global Analytical Professionals (Global), a service-disabled veteran-owned small business (SDVOSB), up to ten percent of the work on this contract. Global (<https://www.analyticalprofessionals.com/index.php>) has both an Owner's Project Representative Service Line and a Private Provider Service Line. Scott Seigel, PE of Global is the main point of contact. Scott's education facility experience includes the design of modified mechanical systems for a \$40MM educational facility i.e. Steam, CHW, DX, & CW. Mr. Seigel's experience includes K-12 schools on military bases (NS Rota, NSB Kingsbay, NAS Lemoore, and MCAS Pendleton). Also, multiple DOD training facilities (Military Schools) at more than 30 DOD Bases. In Oct/Nov 2021, Global completed a contract for COVID assessments on mechanical systems at 16 Native American School systems in North Carolina, North Dakota, South Dakota, Minnesota and Wisconsin.



Tab 3 – INSURANCE, BONDING CAPACITY, LITIGATION AND SETTLEMENTS

JPI provides their generic certificate of insurance for future use on this contract. JPI has no pending litigation nor settlements. JPI's Owner and Corporate Entity has no criminal record and as such, could receive bonding for this project if needed. Bonding is not a common requirement for a professional service contract.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

6/13/2021

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 Straight-Line Insurance, LLC 1301 Grasslands Blvd., Suite 100 Lakeland, FL 33803 www.straightlinellc.com	CONTACT NAME: Straight-Line Insurance, LLC PHONE (A/C. No. Ext): 863-904-4776 E-MAIL ADDRESS: info@straightlinellc.com	FAX (A/C. No.):
	INSURER(S) AFFORDING COVERAGE	
INSURED Joe Payne, Inc dba JPI 9629 Gretna Green Drive Tampa FL 33626	INSURER A: Argonaut Insurance Company	NAIC # 19801
	INSURER B: AmGUARD Insurance Company	42390
	INSURER C: Insurance Company of the West (ICW)	27847
	INSURER D: Burlington Insurance Company	23620
	INSURER E:	
	INSURER F:	

COVERAGES

CERTIFICATE NUMBER: 62295649

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 INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
D	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	738BG02358-01	4/7/2021	4/7/2022	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$100,000 MED EXP (Any one person) \$5,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$ Included \$
B	<input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY <input checked="" type="checkbox"/> Allowed Autos	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	JOAU142336	6/18/2021	6/18/2022	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$5,000 BODILY INJURY (Per accident) \$100,000 PROPERTY DAMAGE (Per accident) \$ EXCESS COVERAGE \$100,000
D	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	HFF0012529-1	4/7/2021	4/7/2022	EACH OCCURRENCE \$2,000,000 AGGREGATE \$2,000,000 \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input checked="" type="checkbox"/> Y	N/A	WFL 5054011 01	3/6/2021	3/6/2022	<input checked="" type="checkbox"/> PER STATUTE <input checked="" type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
A	Professional Liability	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	121 AE 0200632-00	6/19/2021	6/19/2022	Per Claim/Agg: \$2,000,000 / \$2,000,000 Deductible: \$25,000

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

Auto Liability Coverage Form - Hired Auto, Non-Owned Endorsement

CERTIFICATE HOLDER
 Okeechobee County School Board
 938 NW 34 Street, Okeechobee, FL 34972
CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

John Nicholas Davis

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ACORD 25 (2016/03)

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Tab 4 – QUALIFICATIONS OF STAFF ASSIGNED TO THE PROJECT

JPI's experience includes successful and practical work on similar projects. JPI currently serves over twenty similar agencies including Brevard County, Indian River County, St. Lucie County, Martin County, City of Clermont, City of Palmetto, City of Clearwater, City of Tampa, City of Palm Bay, City of Titusville, City of Indian Harbour Beach, City of Melbourne, City of Fernandina Beach, City of Palm Coast, City of Anna Maria Island, City of Cocoa, City of Tarpon Springs, City of Largo, City of Seminole, City of St. Petersburg, Town of Longboat Key, Hillsborough County, and Pinellas County. JPI has a proven track record of excellent customer service, and the Board may contact any of our references to verify the same.

JPI has a sufficient number of qualified staff in the duties of Plans Examiners and Inspectors. JPI is a statewide firm staffed with 45 professionals. Our company's operational capacity is 1800 hours per week. Currently, we are running at approximately 1400 hours per week billable which is our current and projected workload. We have up to 400 hours per week of surplus capacity available to service this contract. This is approximately ten full time equivalents. We are operating at 77.78% capacity with 22.22% availability.

JPI will perform the duties of the Plan Examiner and Inspector to accept and review plans, issue permits, perform inspections, issue certificates of occupancy and perform other Florida Building Code and School Board Code duties in the name of the SCHOOL BOARD. JPI employees qualified inspectors and plans examiners most of which are multi-trade and possess over 30 years of individual experience.

JPI possesses key local experience for this contract. We currently are a vendor for the Martin County building department, including a renewal of our contract. In addition, JPI regularly completes both inspection and in-house plan review service for St. Lucie County for many years. JPI's local experience also includes serving as the Interim Building Official. At Indian River County, JPI also serves as an in-house plans reviewer.

JPI staff possess several resources to complete their work. JPI has a full access digital subscription to the ICC website which provide digital access to current and prior editions of the Florida Building Code. In addition, our staff possesses handbooks on tablets and smartphones (with mobile hotspots) which provide convenient access to Code references. JPI has a quality control program for new contracts, and staff, which includes mentoring and shadow/ over the shoulder training.



JPI proposes the following key individuals for this work. We include an employee profile for key personnel that will be assigned to this project. This profile also highlights job skills, education, training, and experience. Their enclosed resumes discuss professional affiliations/ memberships.

Building Official – JPI proposes Kevin Singley, CBO in this role. Kevin is multi-licensed and a licensed CBO in Florida with 35 years’ experience in the commercial and residential construction industry. The alternate would be the President of the company Joe Payne, PE who is a licensed PE in Florida who routinely serves as interim CBO for several agencies. Mr. Payne has completed work for local agencies. Kevin’s experience includes SREF Certification for New Construction and Existing Facilities. The following is an abbreviated list of school projects Kevin worked within his portfolio:

1. Treasure Coast High School, 2 story tilt wall construction, \$80M valuation, Klewin Const.
2. Fort Pierce central High School, 2 story tilt wall construction, \$80M valuation, Cummings Const.
3. Allapatah Flatts K-8, 3 story tilt wall construction, \$65M valuation, Summit Const.
4. Oak Hammock K-8, 2 story CBS construction, \$42M valuation, Proctor Const.
5. Westgate K-8, 2 story CBS construction, \$42M valuation, Proctor Const.
6. Palm Pointe K-8, 2 story CBS construction, \$42M valuation, Proctor Const.
7. Samuel Gaines K-8, 2 story CBS construction, \$42M valuation, Morganti Group
8. Lincoln Park Academy K-8 Addition, 2 story CBS construction, \$20M valuation, Morganti Group

The following staffing is provided in support of Kevin Singley, as needed.

Chief Plans Examiner – JPI proposes Jack Fahey, CBO as the Assistant Plans Examiner. Jack is a licensed CBO in Florida with 50 years’ experience in the commercial and residential construction industry and multi-licensed. As an alternate, JPI proposes either Joe Payne, PE or David Wilcox, CBO who possesses 40 years of residential and commercial construction experience.

Chief Building Code Inspector – JPI proposes Scott Seigel, PE as the Chief Building Code Inspector, in a supporting role to Kevin Singley. Mr. Seigel is the Owner of Global Analytical Professionals, a service-disabled veteran-owned small business (SDVOSB). Scott is a 35-year professional engineer currently completing Building Trade and Multi-trade inspections. As an alternate, JPI proposes Pete Swarr, PE as the Chief Building Code Inspector. Pete is a 35-year professional engineer currently completing Building trade and Multi-trade inspections for JPI.

Building Inspector – JPI proposes Mark Thornbloom, PE as a Building Inspector, Scott is a 35-year professional engineer currently completing Building Trade and Multi-trade inspections for JPI. Mark is an expert in Solar Energy Code and is a contributor to the 2018 INTERNATIONAL SOLAR ENERGY PROVISIONS (ISEP).



Building Plans Examiner – JPI proposes David Larson, RA as the Building Plans Examiner. David is a 45-year Registered Architect in Florida currently working at Indian River County for JPI. The alternate is Andrew Manero, RA, a 25-year Registered Architect in Florida who routinely completes work for St. Lucie County.

Mechanical, Electrical, Plumbing Inspector – JPI proposes multi-trade staff. As such, Scott Seigel, Pete Swarr, and Mark Thornbloom all are available to complete all MEP inspections. Kevin Singley is an alternate.

Mechanical, Electrical, Plumbing Plans Examiner – JPI proposes multi-trade staff. As such, David Larson and Andrew Manero both complete MEP plans examination and Jack Fahey along with Joe Payne are alternates.

Roofing Inspector – JPI proposes multi-trade staff. As such, Scott Seigel, Pete Swarr, and Mark Thornbloom all are available to complete all MEP inspections. Kevin Singley is an alternate.

Structural Plans Examiner – JPI proposes multi-trade staff. As such, David Larson and Andrew Manero both complete plans examination and Jack Fahey along with Joe Payne are alternates.

Structural Inspector – JPI proposes multi-trade staff. As such, Scott Seigel, Pete Swarr, and Mark Thornbloom all are available to complete all MEP inspections. Kevin Singley is an alternate.

Zoning Plans Reviewer and Inspector – Joe Payne, Scott Seigel, Pete Swarr, and Mark Thornbloom are all licensed engineers and qualified for this work.

Permit Clerk – Marcella Lambert, a former permit technician at a local County office, is the proposed JPI professional.



JPI staff

- Multi-trade inspectors
 Joe Payne, PE (Binding Agent)
 Scott Seigel, PE
 Pete Swarr, PE
 Cory Brockett, PE
 Rick Hoepner, PE
 Mark Thornbloom, PE
 Kevin Singley, CBO, BSN, PX
 Ron Vatararo, BSN
 Jack Fahey, CBO, BSN, PX
 Pat Nolan, PE
 Jason Steele, PE
 Eddie Page, PE

- Multi-trade Plans Examiners
 Joe Payne, PE
 Andrew Manero, RA
 David Larson, RA
 Tony Murphy, RA



Kevin Singley
Building Official

JPI staff

ORGANIZATIONAL CHART

The following is a comprehensive summary of the experience and qualifications of key JPI professionals proposed as inspectors and plans examiners for this contract:

NAME: Joe Payne, PE
 LICENSE: FLPE55751
 PROJECTS: See Project References for the following projects:
Principal-In-Charge, JPI President. Worked on all projects in both roles required by this RFP.
 REFERENCES: See Tab E for Owner References for the following projects:
Principal-In-Charge, JPI President. Worked on all projects.
 YEARS EXPERIENCE: 30

NAME: Kevin Singley, CBO, BSN, PX
 LICENSE: PX3601, BN4798, BU1872



PROJECTS: See Project References for the following projects:
City of Palm Bay Role: Multi-trade Inspector/ Plans Examiner
City of Melbourne Role: Multi-trade Inspector

REFERENCES: See References for the following projects:
City of Palm Bay and City of Melbourne

YEARS EXPERIENCE: 35

NAME: Scott Seigel, PE

LICENSE: FLPE60980

PROJECTS: See Project References for the following projects:
City of Palm Bay Role: Multi-trade Inspector
Brevard County Role: Multi-trade Inspector
City of Titusville Role: Multi-trade Inspector
City of Melbourne Role: Multi-trade Inspector
Pinellas County Role: Multi-trade Inspector

REFERENCES: See References for the following projects:
City of Palm Bay, Brevard County, Titusville, Melbourne, and Pinellas County

YEARS EXPERIENCE: 35

NAME: Mark Thornbloom, PE

LICENSE: FLPE50107

PROJECTS: See References for the following projects:
City of Clermont Role: Multi-trade Inspector
City of Palm Bay Role: Multi-trade Inspector

Brevard County Role: Multi-trade Inspector

City of Titusville Role: Multi-trade Inspector
City of Melbourne Role: Multi-trade Inspector
City of Palmetto Role: Multi-trade Inspector

REFERENCES: See Owner References for the following projects:
City of Palm Bay, Brevard County, City of Titusville, City of Melbourne and City of Palmetto

YEARS EXPERIENCE: 35

NAME: Andrew Manero, RA

LICENSE: AR96338

PROJECTS: See Project References for the following projects:
City of Palm Bay Role: Plans Examiner



REFERENCES: Brevard County Role: Plans Examiner
Pinellas County Role: Multi-trade Inspector
See Owner References for the following projects:
City of Palm Bay, Brevard County, and Pinellas County

YEARS EXPERIENCE: 20

NAME: David Larson, RA
LICENSE: AR0007408
PROJECTS: *David works for JPI at Indian River County as a Plans Examiner. The contract is valued at approximately \$200k per year and the contact is Scott P. McAdam, CBO, MCP, (772)226-1268*

REFERENCES: Indian River County Role: Plans Examiner
Indian River County

YEARS EXPERIENCE: 50

NAME: Pete Swarr, PE
LICENSE: FLPE44159
PROJECTS: See Project References for the following projects:
City of Palm Bay Role: Multi-trade Inspector
Brevard County Role: Multi-trade Inspector
City of Titusville Role: Multi-trade Inspector
City of Melbourne Role: Multi-trade Inspector

REFERENCES: See Owner References for the following projects:
City of Palm Bay, Brevard County, Titusville, and Melbourne

YEARS EXPERIENCE: 35



The following is a more detailed chart of JPI professional licensure:

<u>JPI</u>	<u>DBPR</u>	<u>2021-201</u>	<u>Years</u> <u>Exp</u>
Joe Payne	FLPE55751	Committed	30
Mike Sutphin	BN2806	Available	50
Joe Aukstilkkanis	BN4696, SFP280, PX2293	Available	30
Jason Steele	FLPE69234	Available	20
Cory Brockett	FLPE74677	Available	20
Doug Walton	AR0007045	Available	50
Andrew Manero	AR96338	Committed	20
Eddie Page	FLPE69045	Available	30
Pete Swarr	FLPE44159	Committed	40
Ezz Elgayar	BN6415	Available	40
Robert Bryce	PX2783	Available	45
Abraham Chabab	FLPE47165	Available	30
Scott Seigel	FLPE60980	Committed	30
Andrew West	FLPE60301	Available	30
Dan Folwell	BN6927	Available	40
Charles M. Nolan	FLPE19889	Available	45
David Wilcox	BU1789, BN4653	Available	40
Rick Hoepner	FLPE23319	Available	50
Ryan Ferry	BN6617	Available	15
Mark Thornbloom	FLPE50107	Committed	35
Jon Thomas	BN7125	Available	15
Glenn Hall	PX3588, BN5324	Available	50
David Larson	AR0007408	Available	50
Jack Fahey	RPX217, PX2966, BU1897	Committed	50
Kevin Singley	PX3601, BN4798, BU1872	Committed	30
Michael Tew	PX2675, BN5003	Available	30
Julie Daniels	BN7825	Available	30
Tony Murphy	AR100424	Available	35



All JPI Building Code Professionals receive continuing education for license renewals. Engineers receive continuing education bi-annually for license renewals as do Registered Architects. JPI has a digital subscription to the ICC digital library and as continuing education all employees reference a digital subscription of the Florida Building Code in their practice along with the use of ICC code check books. This response includes ten references from Florida municipalities for which JPI is currently providing and has provided plan review and inspection services during the past two (2) years.

JPI was founded in 2010 and has been in business for eleven years. JPI is highly qualified by completing similar scope services listed within this RFP.



Kevin Singley

901 E Midway Rd.

Fort Pierce, FL 34982

772-618-0449

Kevin.singley@yahoo.com

Building Code Professional

Accomplished and integrity driven construction professional offering over 30 years' experience as a contractor, inspector, plans examiner, and building official. Recognized as a savvy leader with strengths in construction processes, defining and implementing continuous improvement strategies.

Career Development

Joe Payne Inc.

Building Official, Plans Examiner, Inspector

Performs daily inspections, plan review, and building official duties. maintains client/customer relations.

Universal Engineering Sciences, Inc.-West Palm Beach

Building Inspection department manager

Managed a department of Threshold Inspectors, building code Inspectors, Plans examiners, and Building Code administrators. Performed private provider inspections and plan review. Developed relationships with new clients and maintained relationships with existing clients. Supervised business development managers and office staff. Held monthly budget meetings and reported to senior vice president of company.



Safebuilt LLC – South Florida

Building Official, Plans Examiner, Inspector

Performed the duties of Building Official, Plans examiner, and Inspector for multiple clients. Most time was spent between our Okeechobee and highland beach accounts and also performed Building Official Services for several other clients on a temporary basis.

St. Lucie County School District – Fort Pierce, FL

Inspector, Plans Examiner

Conducted daily Plan Review, Building Code Inspections, Fire inspections, and fire Plan review.

Served as the School District's representative for all building code matters related to construction activities. Enforcing project specifications were a deep focus in my daily activities to ensure the school district was receiving the specific quality of materials and workmanship outlined by the design team. I performed the plan review and inspections for the following projects while serving the St. Lucie County School District:

Treasure Coast High School, 2 story tilt wall construction, \$80M valuation, Klewin Const.

Fort Pierce central High School, 2 story tilt wall construction, \$80M valuation, Cummings Const.

Allapatah Flatts K-8, 3 story tilt wall construction, \$65M valuation, Summit Const.

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Samuel Gaines K-8, 2 story CBS construction, \$42M valuation, Morganti Group

Lincoln Park Academy K-8 Addition, 2 story CBS construction, \$20M valuation, Morganti Group



Notable Achievements

State of Florida department of business and Professional regulation Certifications:

Building Code Administrator

Standard Inspector – Building, Electrical, Mechanical, Plumbing, 1&2 Family Dwelling

Standard Plans examiner – Building, Electrical, Mechanical, Plumbing

Special Requirements for Educational Facilities (SREF)

SREF Certified, New Construction

SREF Certified, Existing Facilities

Education

Fort Pierce central High School – 1989 Graduate

U.S. Army Ordnance School – 1991 Graduate

Florida State Fire College – 2004-2008

Military Service

U.S. Army National Guard 1991-1994

Honorable Discharge- Enlistment time served



Joseph Payne PE, MBA

Curriculum Vitae

Credentials

Professional Engineer
Florida License #55751
Georgia License #33995
Delaware License #15439 (inactive status)

Corporate Office

5995 S A1A
Melbourne, FL 32951

Mailing Address

16057 Tampa Palms Blvd. , #242
Tampa, FL 33647

Phone

Cell: 813.731.1501

Internet

E-mail: joe@jpiflorida.com

Education

Masters of Business Administration
University of South Florida, Tampa, Florida

Bachelor of Science in Civil Engineering
Drexel University, Philadelphia, Pennsylvania

Graduate studies (Geotechnical Engineering- 1998)
New Jersey Institute of Technology, Newark, New Jersey

Continuing Education:

Florida Department of Financial Services (Neutral Evaluation) –2013
Florida Department of Financial Services (Mediation) - 2014
Florida Civil Circuit Court Mediator - (Pending 2014)
1802 Wind Hazard Mitigation Training – April 2011
Advanced MOT Work Zone – 2005
Amtrak Contractor Safety Training - 1999
OSHA 40 Hour Hazwoper – 1997

Professional Associations

Florida Board of Professional Engineers, Case Reviewer
Hillsborough County Plumbing Board of Adjustment, Appeals and Examiners (Engineer)
Hillsborough County Land Use Appeals Board (2009-2010)
Westchase Association Board of Directors (2007-2009)

Areas of Concentration

Municipal Services
Quality Assurance and Control Manager
General Civil/ Site Engineering
Public Sector Market Development
Environmental Resource Permitting
Pond Siting Reports
D.O.T. Drainage Connection Permits
Public Meetings

Professional Experience

Joe Payne Inc., Tampa, FL 2009-current

President

President of a full service civil engineering firm. Owner and Principal-In-Charge of three service lines (Municipal Service Line, Civil/Site Engineering, and State/ Federal). Consultant for twenty-five municipalities in the State of Florida. Provide professional opinions and consultation. Within the Municipal Service Line, common activities include Interim Building Official coverage, Residential and Commercial plan review (office and remote), and Residential and Commercial Inspector (paper based and tablet). Quality Control Officer for JPI.

Consultant for the Florida Board of Engineers. Complete plan reviews and provide professional opinions for complaint cases involving building code, sinkhole, site plans, inspections, and related professional activities. Provide professional opinions.

Consultant for the Florida Department of Financial Services. Engineering and Financial Management consultation.

Completed neutral evaluation for Department of Financial Services for sinkhole loss verifications and remediation methods. Cases in Hillsborough, Hernando, Pasco, Highlands, and other counties throughout Florida.

Louis Berger Group, Inc., Florida Statewide, 2013-2014

Special Consultant – Contract Role

Consultant for Louis Berger Group Florida Statewide marketing and business development pursuits. Project Manager for several Design-Build pursuits with a large international Design-Build contractor in South Florida. Project Manager for pursuits along SR 826 and HEFT. Proposal Manager for the Louis Berger team on the I-4 Ultimate P3 project. Proposal Manager for the Interstate Program Manager pursuit and Emergency Response General Consultant pursuits for FDOT.

Greenhorne & O'Mara, Clearwater, FL 4/08 to 8/09

Project Director

Worked as a Project Manager and Technical Director for a nationally ranked general civil and transportation consulting firm located in Tampa Bay. Project Manager for professional service contracts in the one million to three million dollar range. Won the

Hillsborough County TTF-2a contract at Broadway and Falkenburg which was the first Hillsborough County public works contract at the office. Closed FDOT Design-Build contracts for work in FDOT 2. Brought in construction permitting and dewatering contracts for work in Collier County. Set-up teaming agreements for contracts for FDOT Design-Build projects and shortlisted on D4 work. Project Director for Hillsborough County Public Works contracts. Assists the Office Manager in reaching \$2.5 million dollar sales goal for public sector clients, primarily City, County, and alternate bid FDOT projects. Corporate restructuring led me to pursue a new home to continue my career.
References: Matt Fabrizio (Frmr. Project Manager), 727.423.0202

TY Lin, Inc., Tampa, FL 7/05 to 4/08

Associate/ Project Manager

Project Manager and Technical Lead Drainage Engineer for the Tampa Business Unit of an international structural and transportation engineering firm. Won the Hillsborough County General Civil Service contract for the office. Brought in several FDOT 1 DEMO assignments under prior contracts. Shortlisted on several Districtwide Drainage contracts and invited by FDOT 1 to present for them at the 2007 FICE conference. Project Manager for DOT reconstruction and County intersection improvement projects. Senior Drainage Engineer on multi-lane widening, new construction, and reconstruction highway projects. Engineer of Record for engineering work associated with Water Management District permitting of stormwater management facilities. Responsible for conformance to the FDOT Drainage Design Policy and the State of Florida regulatory standards and statutes. Senior Quality Control and Quality Assurance official for the Tampa Business Unit's Roadway Drainage Design activities. Represent clients at formal and informal Public Meetings.

Reference: John Darling (Frmr. Office Manager) 813.205.4623

American Consulting Engineers of Fla, Inc., Land O' Lakes, FL 4/04 to 7/05

Senior Drainage Engineer/ Project Manager

Statewide Drainage Engineer for a national transportation engineering firm. Senior Drainage Engineer on multi-lane widening, new construction, and reconstruction highway projects. Engineer of Record for work associated with Water Management Districts. Project Manager for City and County municipal projects with construction costs under one million dollars. Represented clients at formal and informal Public Meetings. Pursued and won several CDD contracts. Considered ownership opportunities until TYLIN approached me with a more affordable stock ownership plan.

Reference: John Kilgore (Office Manager) 813.927.0061

Coastal Engineering, Inc., Brooksville, FL 3/03 to 4/04

Assistant Director

Assistant Director for a privately owned site and civil engineering firm. Won and closed approximately an average of \$25-50k of contracts per week with private clients during a very "hot" development market. Directed a 15 member technical staff completing residential and commercial construction plans for private developers. Engineer of Record for engineering work associated with Water Management District permitting, DOT Drainage Connection Permits, DOT Driveway Connection Permits, DOT Utility Permits, DOT R/W Permits, and DOT Access Management Connection Permits. Represented clients at Public Meetings.

Reference: Tom Mountain (Office Manager) 352.796.9423

Florida Department of Transportation, Tampa, 9/01 to 3/03

Assistant District Drainage Engineer

Worked as a Lead Permit Official for D.O.T. Drainage Connection Permit Reviews. Senior Engineer for engineering services completed by the Department for public services. Represented the State at formal and informal Public Meetings. Engineer of Record for engineering work associated with Water Management District permitting of stormwater management facilities.

Reference: Dwayne Kile (Frmr. Office Manager), 727.572.7111

Dames & Moore/ URS, Inc., Tampa, 7/00 to 9/01

Senior Drainage Engineer

Received an opportunity for a full time position at Dames & Moore. Engineer of Record for Roadway Drainage Engineering services on public transportation projects. Engineer of Record for engineering work associated with Water Management District permitting of stormwater management facilities.

Reference: Matt Fabrizio (Frmr. Project Manager), 727.423.0202

System One - 6/99 to 7/00

Contract position – Drainage Engineer

Designer and Engineer for roadway drainage consultation on public transportation projects. Designer and coordinator for engineering work associated with Water Management District permitting of stormwater management facilities.

Reference: Kevin Knudsen (Office Manager), Rob Garrigues (Frmr Supervisor) 813.289.5550

Frederic R. Harris, Inc., Philadelphia, PA 8/98 to 6/99

Civil Designer

Relocated back to Philadelphia to work for a major transportation company. Civil and Transportation Designer for a national transportation and public infrastructure engineering firm. Stormwater Management Design on road widening projects.

Reference: Timothy Gunner (Former Department Manager)

McNally Engineering. Oakland, NJ 4/97 to 8/98

Project Manager

Brown Caldwell was in the process of acquiring Eckenfelder. Pursued a management opportunity with McNally Engineering for job stability. Managed the design of small site and civil engineering service contracts. Coordinated environmental permits for these activities.

Reference: Mike McNally, Owner

Eckenfelder/ Brown Caldwell, Inc., Ramsey, NJ 8/95 to 4/97

Project Designer

Civil and Environmental Designer for a waste management division of a national environmental engineering firm. Completed a six month construction quality assurance assignment for a groundwater pump, treat, and reinjection system.

Reference: Mike Monteleone (Former Office Manager)

SCOTT ERIC SEIGEL, P.E., LEED AP, C.E.M., CxA, O.P.M.P.
Melbourne, FL



321.474.7302

Scott.Seigel@ymail.com

Areas of Experience

Building Inspection, Building Code, Mechanical Code, HVAC, Energy Savings Performance Contract (ESPC) Project Financial, Development and Implementation Strategies, Commercial, Building Controls and Field Service, Construction Management, Utility Analytics, Facilities Maintenance and Management

EDUCATION

Bachelor of Science, Mechanical Engineering, University of South Florida, Tampa, FL 1994

Master of Business Administration (Executive MBA Program) University of South Florida, Tampa, FL 2018

CERTIFICATIONS

Professional Engineer, Florida #60980; Certified Energy Manager, Association of Energy Engineers;

Commissioning Authority (CxA), AABC; LEED AP, USGBC; OPMP, ASHRAE

Experience

JPI – Building Inspector 2018-2021

◇ Multi trade building inspector for several governmental agencies in Brevard County including the City of Titusville.

Technical Expert - Engineering Siemens Govt Technologies, USA 2013-2018

- Customer Service ranking has improved year over year
- Experience in balancing value propositions across multiple product portfolios
- Mentored small and disadvantaged businesses to help exceed Federal Government SDB expectations
- ◇ Provided technical expertise for Energy Conservation Measures (ECMs)
- Primary analysis included HVAC, Energy Management Control Systems (EMCS), Advanced Lighting Technologies, Cogen and Tri-gen Analysis, Water Reduction Strategies and utility structure analysis'
- Emphasis in renewable energy portfolios: solar, biomass, wind, geothermal, solar thermal, hydro, and ocean technologies.
- Final Determination for bundling of ECMs in an ESPC PA/IGA based on the SPB & finance term
- Development of technical specifications and project schedules based on project requirements as determined by the team

DOD Project Sites: NSGB, USACE, Sigonella, Naples, Rota, Bahrain, Djibouti, CCAD, Var. UMCS Projects

Sr. Project Manager, Sain Engineering Associates (SEA), Birmingham, AL 2009-2013

- ◇ Directed Federal Project teams across 13-time zones
- ◇ Directed more than 30 EA and Cx project teams throughout the US, Middle East and Europe encompassing more than 50MMft² with projects exceeding \$750MM. (80+ Engineers and Contractors - Direct Reports)
- ◇ Allocated resources based on contract compliance: day to day operations, scheduling, and deliverables
- ◇ Provided technical expertise for Energy Conservation Measures (ECMs)

DOD clients included GSA, US Navy, USACE, USAF, DOE, Army, ANG and Marine Corp

Sr. Principal Engineer, Williams-Russell & Johnson Engineers/Architects, Atlanta, GA 2009-2011 (Contract)

- ◇ Designed modified mechanical systems for \$40MM educational facility i.e. Steam, CHW, DX, & CW
- ◇ Responsible Engineer of Record for all Florida projects
- ◇ Managed General and Mechanical Contractors on all required design modifications

Principal Engineer, General Physics Corporation, Titusville, FL 2008-2009

- ◇ Led Design Build Team for first major modification of CCAFS/KSC underground Cryogenic gas lines since the Apollo Era
- ◇ Developed new strategic plan which expanded General Physics business development and teaming capabilities



321.474.7302

Scott.Seigel@ymail.com

- Successful JV with 8A Design Firm for City of Orlando engineered design projects (>\$10M)
- Successful JV Teaming for PAFB AFTEC (>\$180M Building)
- ◇ Engineer of Record for shovel ready project modifications across KSC, CCAFS, PAFB and Ascension Island

Owner/President, Easley Mechanical Services, Melbourne FL 2003–2008

- ◇ Commercial and Residential HVAC installation
- ◇ Startup company that approached \$2M in revenue after 5 years (16 direct reports)
- ◇ Produced C-Suite analytics monthly, P&L responsibilities
- ◇ Performed all annual performance reviews, hiring, training, and mentoring of Technicians
- ◇ Directed all government and commercial sales efforts
- ◇ Developed a successful inventory control method then managed the SCM processes

Sr Facilities Engineer, Siemens Power Corporation, Orlando FL 2000 – 2003

- ◇ Responsible for the design, analysis, and project management of multiple self-determined mechanical and electrical projects in existing office buildings, data centers and laboratories across multiple divisions and 16 buildings (2.4Mft²)
- Design Projects: Chiller Plants, Data Centers, Multiple office renovations, exterior renovation(s)
- Major Project: Major HVAC renovation of 260,000ft² headquarters building
- Major Project: Construction of (2) 4-story 180,000 ft² buildings
- ◇ Specified design criteria, discussed and select minimum equipment requirements with outside equipment manufacturers
- ◇ Produced bid packages which included architectural, mechanical and electrical drawings and specifications
- ◇ Developed strategic plans for mechanical and electrical improvements. Typical facility upgrades included HVAC, temperature controls, electrical, chemical and mechanical equipment, hazmat and fire alarm systems

Engineering Team Lead Raytheon Constructor, Cape Canaveral, FL 1999-2000 (Contract)

- ◇ Led Mechanical Department Engineers, Field and Technical Support for the \$250M+ Delta IV Launch Facility (Pad 37B)
- Reduced construction costs by as much as \$25M through correctly interpreting existing plans, design intent and specifications for Cryogenic piping and HVAC systems
- Supervised mechanical, electrical and specialty niche contractors

Software Expertise

Analytics: R, Tableau; MS Office: Excel, Word, Project, PowerPoint; Engineering Software: Carrier E-20II, CMMS, Estimation, Tracer, Energy Plus, various load calculation programs

SCOTT ERIC SEIGEL, P.E., LEED AP, C.E.M., CxA, O.P.M.P.
Melbourne, FL



321.474.7302

Scott.Seigel@ymail.com

Volunteer Organizational Leadership

Executive Chairman, American Society of Mechanical Engineers, Cape Canaveral Florida Section 2000-2002

- ◇ Increased revenues 10-fold over a 12-month period
- ◇ Expanded Volunteer Executive Board from 5 members to 33 members; P&L responsibility
- ◇ Government Relations, Woman & Minorities Issues, Professional & Career Development Issues, College Relations, & Member Retention, STEM Teacher Awards, Scholarships, Publicity, and Technical Programs.
- ◇ Awarded 3 consecutive years, 2000-2002, as Best ASME Section Regionally and worldwide 2001, 2002

President, ASHRAE Space Coast Florida Chapter 2009, 2014

ASHRAE Region XII Chair, Government Activities 2014-2015

Military Experience: US NAVY Electrician

AWARDS

Technical Award for Leadership Canaveral Council of Technical Societies (CCTS)

Extensive Travel: 45 states and 41 countries



Kevin Singley
901 E Midway Rd.
Fort Pierce, FL 34982
772-618-0449
Kevin.singley@yahoo.com

Building Code Professional

Accomplished and integrity driven construction professional offering over 30 years' experience as a contractor, inspector, plans examiner, and building official. Recognized as a savvy leader with strengths in construction processes, defining and implementing continuous improvement strategies.

JPI Palm Bay, FL

Multi-trade Inspector

08/2020-Present

Performs daily inspections, maintains client/customer relations.

Universal Engineering Sciences, Inc.-West Palm Beach

03/2018 - 08/2020

Building Inspection department manager

Managed a department of Threshold Inspectors, Building code Inspectors, Plans examiners, and Building Code administrators. Performed private provider inspections and plan review. Developed relationships with new clients and maintained relationships with existing clients. Supervised business development managers and office staff. Held monthly budget meetings and reported to senior vice president of company.

Safebuilt LLC – South Florida

01/2016 - 03/2018

Building Official, Plans Examiner, Inspector

Performed the duties of Building Official, Plans examiner, and Inspector for multiple clients. Most time was spent between our Okeechobee and highland beach accounts but I was sent to dozens of municipalities on temporary a basis and perform all the above duties.

St. Lucie County BOCC – Fort Pierce, FL

06/2015 - 01/2016

Inspector

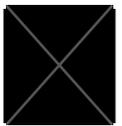
Performed daily inspections

Indian River BOCC – Vero beach, FL

08/2014 - 06/2015

Inspector

Performed daily inspections



St. Lucie County School District – Fort Pierce, FL

03/2002 - 08/2014

Inspector

Conducted daily Building Code Inspection, Fire inspections, and fire Plan review.
Also served as the owner's rep, supervising contractors and design professionals

Licensures and Professional Development

State of Florida department of business and Professional regulation Certifications:

(ALL Active)

Building Code Administrator

Standard Inspector – Building, Electrical, Mechanical, Plumbing, 1&2 Family Dwelling

Standard Plans examiner – Building, Electrical, Mechanical, Plumbing

State of Florida Fire Marshal Certifications: (not Active)

Fire Inspector I

Fire Plans Examiner

Education

Fort Pierce central High School – 1989 Graduate

U.S. Army Ordnance School – 1991 Graduate

Florida State Fire College – 2004-2008

Military Service Text

U.S. Army National Guard 1991-1994

Honorable Discharge- Enlistment time served

ANDREW THOMAS MANERO

1113 Blossom Drive Sebastian, FL 32958

ph 561 901 3513, email: atmanero@gmail.com

OBJECTIVE

Collaborate with a team to promote Education & Awareness through the built environment.

CERTIFICATIONS

Registered Architect, AR96338

Interior Designer, ID6107

LEED BD+C

EXPERIENCE

JPI- JOE PAYNE INC., Plans Reviewer/ Building Inspector, August 2017-Present

Residential & Commercial Building Plans Reviewer (In-House) and Building Inspector

In-house Plans Reviewer for a Brevard County Municipality and a Treasure Coast Municipality.

Inspection of projects at various stages of construction. Review Permit Documents, Permit

Applications, & Notice of Commencement on site. Apply knowledge of Building Code in field to

built conditions. Verify construction is compliant with Project Documents and Building Code

UMBER ARCHITECTURE LLC, President, 2013-Present

Residential & Commercial Project Architect

Prepare Construction Documents for Submission to Authority Having Jurisdiction

Review Plans submitted by Engineers, Consultants and Contractors

Meet with Building Official and Plan Reviewer's to walk-through Complex projects

Verify project is in compliance with the Construction Documents during Construction **Projects:**

Stratford Arms- 10,000 square foot Condominium Communal Area Renovation, Boca Raton, FL

Pure Vie- 1,500 Square Foot Spa & Yoga Studio Build-Out, Sarasota, FL

Bowen Residence- New 5,000 Square Foot House in Lighthouse Point, FL

Kathy's House- New 3,200 Square Foot House in Delray Beach, FL

Cohen Residence- 4,000 Square Foot Condominium Renovation in Boca Raton, FL

Kukes Residence- 5,300 Square Foot Condominium Renovation in Boca Raton, FL

Convissar Residence- Residential Addition

Swanson Residence- Residential Site Plan

Equestrian Way- Residential Remodel & Addition

LEIGHTON DESIGN GROUP, 2013-Present

Residential & Commercial Interior Design

Reviewed Plans and Construction Documents for ADA and Building Code Compliance. Project

Management, Project Design, Drafting, Scheduling, Construction Administration. Review

General Contractor's Bids, for completeness.

ANDREW T MANERO, ARCHITECT, Owner, 2012-2013

Residential & Commercial Architecture

Lupa Shoes- Retail renovation & re-branding

Programming: Analyzed display & storage requirements, created options for new store image

Design Development: Created new floor plan, lighting layout, and display systems within budget

Construction documents: Prepared bid documents, & permit sets

Ortega Lane- High-end residential design/build

Reviewed design concepts with owner & implemented into working drawings

Interviewed contractors, reviewed qualifications & bids

Created construction documents for city

Supervised construction, motivated contractors to meet deadlines

RENEWABLE LIVING INC, General Manager, 2011-2013

High End Interior Design/Build, Custom Fabrication & Installation

Manage general operations, systemization, finances, payroll, and insurance, create marketing material

Generate leads, convert to sale, and close deals

Estimate project costs, negotiate buy-outs, purchase materials, and coordinate installations

Supervise the design & construction teams

WEST ARCHITECTURE, Project Manager, 2010

Architecture & Construction

Met project budget and time schedule

Managed Construction Documents, Engineer Coordination, & Estimating.

Design/Build: Plan & implement fluidity of drawings for construction to minimize changes.

Historic Renovations: Synchronized notes on drawings to accommodate Historic Society &, Archeological requirements with modern construction methods.

Created marketing packages for RFP's

BALFOORT FINNVOLD ARCHITECTURE, Project Manager, 2007-2010

Architecture

Coordinated construction documents with owner, consultants, & city reviewers

LEED Projects: Documented and managed LEED Templates

Estimated and analyzed costs of materials, systems and finishes

Edited and assembled the Project Manual and Specifications

Custom Homes: Met with homeowners to, present select finishes and approve drawings, make sure the homeowner understood the drawings and was always satisfied

Created and presented 3d walkthroughs with selected finishes to homeowners

Completed projects on schedule in accordance with Housing Department requirements and secure permit from the Building Department

Contract Administration: Lead pre-bid & pre-construction meetings, observed job sites during construction administration, and approved pay applications

Addressed and problem solved building issues during construction

GLAVOVIC STUDIO INC, Project Manager, 2005-2006

Architecture, Urban Planning

Site Feasibility Report for Miami Beach: Systematically investigated site conditions, and current user groups

Developed conceptual design based on City Master Plan

Investigated precedents and interviewed potential users for a skate plaza

Compiled findings into a final document and Power Point presentation
Client extended contract for further consideration of project

ARCHITECTURAL DIMENSIONS, Drafter, 2004-2005

Architecture

Retail Stores: Gap Inc/ Old Navy/ Banana Republic

Worked with the project team to complete construction documents.

Administered quality control for drafting team.

ARCHITECTURAL INTERIORS OF SOUTH FLORIDA, Designer/ Drafter, 2001-2003

Interior Design

The Village of Merrick Park, Motorola, ATI Technical School

As build drawings, Construction Documents, Rendering.

ACADEMICS

Florida Atlantic University, Bachelor of Architecture 2006

SKILLS

Accela Inspector

Masterspec software

Sketchup, Realistic Renderings

Auto CAD 2D and 3D

Adobe: Photoshop, Illustrator, In Design, Acrobat

Microsoft: Word, PowerPoint, Moviemaker, Outlook, Excel

QuickBooks



MARK D. THORNBLOOM, P.E.

3404 Angelica St., Cocoa FL 32926

U.S. tel: 1-321-960-6173 C

Email: markt3404@gmail.com

RELEVANT QUALIFICATIONS

Registered Professional Engineer, #50107, Florida, to 2021

Master of Science, Mechanical Engineering, Colorado State University, Fort Collins, CO

Bachelor of Science, Mechanical Engineering, University of Illinois, Urbana-Champaign, IL

Bachelor of Arts, Physics, (Cum Laude), North Park College (now University), Chicago, IL

RELEVANT EXPERIENCE & EXPERTISE

- Author: 2018 ISEP International Solar Energy Provisions Commentary. A review and update of all ICC and NEC commentary related to solar energy (thermal and PV) including Mechanical, Plumbing, Fire, Residential, Solar Pool, electrical, etc. Client: *ICC Intl Code Council*
- Developer, Trainer: “Training Video for Inspection of Solar Water Heating Systems” online webinar training building officials in the inspection of solar thermal systems to 2003 ICC. Client: *SRCC Solar Rating Certification Corp*, with funding from *U.S. Dept of Energy*.
- Developer, Trainer: classroom training of building officials, inspection of solar systems to 2006 ICC & IAPMO. Client: *IREC Interstate Renewable Energy Council*.
- Designer, Advisor: Assisting homeowner to build an off-grid residence in west Michigan, including design and construction of mechanical, electrical, plumbing, structural and solar to meet or exceed current Michigan Code & NEC requirements. Client: *David Walker*.
- Tech Support, Crew Supervisor: various duties for solar contractor company as needed, including reviewing plans, running permits, supervising and troubleshooting installs, supporting inspections. Client: *Florida Solar East LLC*.
- Project Supervisor: Zulu hydroelectric overhaul & maintenance project. Overhaul of minihydro site. Client: *CEUM Communauté Evangélique en Ubangi-Mongala*.
- Team Member / Advisor: Zulu hydroelectric T&D Review Committee. Review of small mini-grid distribution system & 15kV transmission line. Client: *Paul Carlson Partnership*.
- Solar Lead: feasibility & design of largest non-concentrating solar array in the U.S. at the time. Client: *Solarsa LLC*.
- Serve on various standards promulgation committees, including ASME PTC 53 (Thermal Storage); ICC SRCC Standards; ISO TC180; etc.

WORK EXPERIENCE

2019-2021 *Joe Payne, Inc.*, Building Code Professional

- Building Code Professional for a statewide consulting firm.
- Primarily complete residential and commercial inspections for Brevard County including the City of Titusville.

2010-2019 *Kelelo Engineering*, Florida **Principal**

- Principal of small consulting firm providing engineering & project management services; personalized consulting in renewable energies (PV, CSP, SHC), industrial process heat, commercial and industrial heating and cooling, and appropriate technology; sustainable solutions through micro-enterprise. Hold the most diverse solar cooling portfolio in U.S.

- Complete Building, Plumbing, and Electrical Trade Construction Plans in conformance with Florida and ICC Building Code, as the Engineer of Record.

2008-2010 *Viessmann Mfg. Co. Inc.*, Rhode Island **U.S. Solar Manager**

- Manager/supervisor of U.S. solar branch for manufacturer of heating equipment. Conducted design, siting & sizing, etc. of solar equipment for industrial & commercial applications from two to 4000 panels. Supported installation & commissioning as manufacturer's rep. Worked with code officials on new technology.

2006-2008 *Schuco USA*, Connecticut **Solar Project Manager**

- U.S. solar engineering project manager for manufacturer of solar, windows & building envelope. Conducted siting & sizing etc. of PV and SHC solar systems including BIPV for commercial and residential applications. Supported installation and commissioning as manufacturer's rep.

1993-2006 *UCF Florida Solar Energy Center*, Florida **Senior Research Engineer**

- Test Manager: solar collector testing and certification program; Standards revision: SRCC OG100, OG300, FSEC Certification, FSEC GP. Principal Investigator: Built and operated full-scale beta unit of dehumidifier; managed project & deliverables. Developed on-line tutorial for Building Code Inspectors of solar water heating systems.



SWARR, PETER C., P.E.
Civil Construction Field Engineer
1535 Satinwood Court, NE, Palm Bay, FL 32905
(H)(321) 549-2070 (Cell) (443)-655-4982

EDUCATION

Lehigh University - B.S. Civil Engineering - 1982

REGISTRATIONS

Registered Professional Engineer in Pennsylvania - 2004

Registered Professional Engineer in Delaware - 2004

Registered Professional Engineer in South Carolina- 2009

Registered Professional Engineer in Illinois - 1992

Registered Professional Engineer in Florida - 1991

EXPERTISE

Project Management

Construction Management

Earthwork/Soils Projects

Project Controls – Cost and Schedule

Field Engineering

Owner/Client Relations

JPI 2017- CURRENT

Senior Inspector for multiple trades (building, mechanical, plumbing, and electrical trades). Utilizes tablet to enter field results in real time. Primarily work in Brevard County and its local municipalities.

SARGENT & LUNDY RESPONSIBILITIES

Mr. Swarr provides construction management leadership and support to Clients assisting them accomplish their project specific scope, schedule, cost, and quality objectives. During the pre-construction phase, his responsibilities include pre-construction planning, project scope development, budget and schedule preparation, bid preparation and award, and performing constructability reviews. In the construction execution phase, he monitors contractor work activities, verifies contractor schedule and work quality, assists in resolving design and installation questions, and administers construction contracts. He has capabilities to lead project teams or perform critical individual contributor role duties. He is a proficient verbal and written communicator.

EXPERIENCE

- **NIPSCo – Reynolds**

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Assigned as a field construction engineer for the Reynolds substation and the Reynolds IN to Topeka, IN transmission line. Duties include management of construction activities, overseeing foundation installation, overseeing the delivery of transformers for the project, overseeing the installation of caissons for the substation components, and overseeing clearing of the right of way. (2015 to present)

- **Duke Energy – Oconee Nuclear Power Station**

Civil Construction Field Engineer. Assigned to the Tornado/HELP and Protected Service Water Project as a Construction Implementation Engineer. During the design process, responsibilities were to provide concrete and structural-related constructability input and analysis to the Engineering Group for specific modifications. During the concrete and structural installation work, supported the Contractors leading activity to resolve Contractor field problems and initiating actions to remove barriers to Contractor installation success. (2009 to 2012). Recalled to site to expedite the drawing as-building process and to facilitate the installation of the PSW pump and associated piping system. In addition, designed various hangers required due to relocated equipment. (2013 to 2015)

- **Basin Electric Power Cooperative – Laramie River Station**

Civil Construction Field Engineer. Assigned to the Circulating Water Piping Refurbishment Project. Duties were to conduct oversight and inspections of contractor CW piping refurbishment work during the plant outage. Refurbishment work consisted of cleaning, preparation, and coating internal CW piping surfaces. During the work, prepared inspection and progress reports. (2013)

- **OPPD – Fort Calhoun Nuclear Station**

Civil Construction Field Engineer. Assigned to the Containment Internal Structures Project. Duties were to implement a concrete and structural inspection and testing program for reinforcement of reactor containment internal structures. (2013)

- **ECS Mid-Atlantic**

Senior Project Engineer. Responsible for preparation of subsurface investigations; providing design recommendations for building foundations; assessment of subsurface data from field investigations; and training of geotechnical inspection personnel. Performed third-party construction inspections including civil, structural, mechanical, electrical, plumbing, insulation, and fire protection for various projects. Supervised field technicians performing soils, concrete, and structural steel inspections. Provided construction advice to clients as to methods to solve their construction problems, such as would be encountered in utility, roadway, or building installation. Performance of property condition assessments, environmental site assessments, and asbestos surveys. Projects included deep foundations for buildings, earthwork projects, residential subdivisions, subdivision roadways, commercial facilities, and industrial facilities in the Delaware, Southeastern Pennsylvania, and Northeastern Maryland region. (2003 to 2008)

- **ASC Geosciences**

Senior Project Engineer. Responsible for preparation of subsurface investigations; providing design recommendations for building foundations; assessment of subsurface data from field investigations; and training of geotechnical inspection personnel. Supervised field

SWARR, PETER C., P.E.
Civil Construction Field Engineer
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technicians performing soil, concrete, structural steel, masonry, and other special inspections. In addition, advised contractors as to methods to solve their geotechnical construction problems, such as would be encountered in utility, roadway, or building installation. Performance of environmental site assessments and asbestos surveys. Projects included deep foundations for buildings, residential subdivisions, subdivision roadways, and commercial facilities in the State of Florida. (2003)

- **Law & Associates**

Senior Project Engineer. Responsible for preparation of subsurface investigations; providing design recommendations for building foundations, assessment of subsurface data from field investigations, and management and training of soils, concrete, structural steel, and masonry inspection personnel. (2001 to 2002)

- **HSA Engineers and Scientists**

Senior Project Engineer. Responsible for preparation of subsurface investigations, providing recommendations for foundation design; assessment of subsurface data from field investigations; and management and training of geotechnical inspection personnel. (2000 to 2001)

- **Atlantic Testing Laboratories**

Vice President and Chief Engineer. Responsible for preparation of subsurface investigations; providing recommendations for foundation design; assessment of subsurface data from field investigations; and management and training of soils, concrete, structural steel, and masonry inspection personnel. (1993 to 2000)

- **GSC Environmental Laboratories, Inc.**

Senior Project Manager/Engineer/Asbestos Consultant. Responsibilities included: supervision of field personnel; marketing; performance of environmental assessments; technical reviews, conduction various other inspections and tests, management of field technicians. (1991 to 1993)

Project Manager. Responsible for preparation of subsurface investigations; providing recommendations for foundation design, assessment of subsurface data from field investigations, and management and training of geotechnical inspection personnel. (1989 to 1991)

- **Frederick Ward Associates**

Project Manager. Responsible for establishment of a geotechnical department; interface with clients (including contractors, governmental agencies, etc.); geotechnical recommendations; report preparation/review; training and supervising of lab and field inspectors. (1987 to 1989)

- **Robert B. Baiter Company**

Project Engineer and Inspector. Responsible for performance of inspections and tests for construction materials including soils, concrete, and structural steel; providing recommendations for shallow and deep foundation systems, and report preparation. (1985 to 1987)

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Civil Construction Field Engineer
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SPECIFIC PROJECT EXPERIENCE

Westbridge Apartments, Annapolis, MD - Senior Project Manager and construction inspector.

The Crescent at Fells Point, Baltimore, MD - Senior Project engineer and construction inspector

Domain Brewers Hill, Baltimore, MD - Senior Project engineer and construction inspector.

Annapolis Junction Commercial Park, MD - Senior Project engineer for inspection agency.

Wickham Road widening, Brevard County, FL - Engineer for inspection agency Dairy Road

widening, Brevard County, FL - Engineer for inspection agency.

Kennedy Space Center, several projects, including Launch Pads 39 B (Shuttle) and 41 (Titan) -
Geotechnical engineer and Engineer for inspection agency.

Walt Disney World, Emergency Services Facility - Geotechnical Engineer.

Walt Disney World, Buena Vista Drive Re-Paving- Engineer for testing agency.

Emerald Isles Condominiums, Panama City, FL - 23 Stories, Geotechnical Engineer, pile
inspection, threshold construction inspections.

City of Palm Bay, FL - Geotechnical engineer for roadway re-construction/upgrades City of

Melbourne, FL - Geotechnical engineer for roadway re-construction/upgrades.



**Tab 5 –DESCRIPTION OF PREVIOUS EXPERIENCE AND PAST PERFORMANCE –
FIVE (5) PREVIOUS CLIENTS**

JPI provides Mr. Singley’s experience here for scoring. In addition, JPI provides their local corporate experience:

- 1) **Kevin Singley’s experience:**
 - a. Treasure Coast High School, 2 story tilt wall construction, \$80M valuation, Klewin Const.
 - b. Fort Pierce central High School, 2 story tilt wall construction, \$80M valuation, Cummings Const.
 - c. Allapatah Flatts K-8, 3 story tilt wall construction, \$65M valuation, Summit Const.
 - d. Oak Hammock K-8, 2 story CBS construction, \$42M valuation, Proctor Const.
 - e. Westgate K-8, 2 story CBS construction, \$42M valuation, Proctor Const.
 - f. Palm Pointe K-8, 2 story CBS construction, \$42M valuation, Proctor Const.
 - g. Samuel Gaines K-8, 2 story CBS construction, \$42M valuation, Morganti Group
 - h. Lincoln Park Academy K-8 Addition, 2 story CBS construction, \$20M valuation, Morganti Group



The beginning of the JPI corporate experience:

2) **Martin County** – *Scott Bruhn, CBO 772-320-3070*

SCOPE: Multi-trade Inspection Services

DATE OF SERVICE: 2019- *Current*

RESPONSIBILITIES: *Joe Payne, Abraham Chabab, and Scott Seigel have worked on this contract. 2019 to current status – Approximately \$0.1M of services. All work is completed within budget and schedule. The contract has been renewed twice. The following summarizes our responsibilities:*

- Commercial and Residential Professional Service Experience: JPI staffs the contract with daily inspectors throughout the life of the contract. Completes residential and commercial inspections.
- Firm and Staff Contract Experience: All full-time staff on the contract are fully licensed as Engineers, Architects, or Building Code professionals and complete multi-trade assignments. **JPI provides licensed commercial and residential plan inspectors (multi-trade).**
- Costs: JPI provides a daily 50% cost savings through the use of multi-trade professionals. For example, JPI professionals are licensed for both residential and commercial work, could have one professional handle both in a route, rather than needing two professionals. There were no change orders.



3) **St. Lucie County** – *Doug Harvey, CBO, 772-462-2186*

SCOPE: Interim Building Official and Multi-trade Inspection Services and Plans Examination Services.

DATE OF SERVICE: 2017- *Current*

RESPONSIBILITIES: *Joe Payne, Andrew Manero, Pete Swarr, and Scott Seigel worked on this contract. 2017 to current status – Approximately \$2.0M of services. All work is completed within budget and schedule. The contract has been renewed three times. The following summarizes our responsibilities:*

- Commercial and Residential Professional Service Experience: JPI staffs the contract with up to three daily inspectors throughout the life of the contract. In addition, JPI provides an in-house plan review service as needed to target a ten-day turnaround for reviews. Completes residential and commercial inspections and plans review. On most days, JPI is the senior in-house plans reviewer and also responded to desk questions.
- Firm and Staff Contract Experience: JPI provides an Interim CBO on two separate occasions during the life of the contract. All full-time staff on the contract are fully licensed as Engineers, Architects, or Building Code professionals and complete multi-trade assignments. **JPI provides licensed commercial and residential plan reviewers (multi-trade) and provide licensed commercial and residential inspectors (multi-trade).**
- Costs: JPI provides a daily 50% cost savings to the City through the use of multi-trade professionals. For example, JPI professionals are licensed for both residential and commercial work, could have one professional handle both in a route, rather than needing two professionals. JPI provides a 40% cost savings as the interim building official through providing a work plan that isolated 24 hours per week of work that required a CBO license from 16 hours per week of administrative work within the CBO office. There were no change orders.



4) **Indian River County** – *Scott McAdam, CBO 772-226-1268*

SCOPE: Multi-trade Plans Examination Services

DATE OF SERVICE: 2018- *Current*

RESPONSIBILITIES: *Joe Payne, Abraham Chabab, Mark Thornbloom and David Larson have worked on this contract. 2018 to current status – Approximately \$1.0M of services. All work is completed within budget and schedule. The contract has been renewed twice. The following summarizes our responsibilities:*

- Commercial and Residential Professional Service Experience: JPI staffs the contract with a plans examiner currently for the contract. Completes residential and commercial plans review.
- Firm and Staff Contract Experience: All full-time staff on the contract are fully licensed as Engineers, Architects, or Building Code professionals and complete multi-trade assignments. **JPI provides licensed commercial and residential plan review (multi-trade).**
- Costs: JPI provides a daily 50% cost savings through the use of multi-trade professionals. For example, JPI professionals are licensed for both residential and commercial work, could have one professional handle both in a route, rather than needing two professionals. There were no change orders.



5) **Brevard County** – *Terry Talbert, CBO, Building Official, 321-350-8251*

SCOPE: Interim Building Official and Multi-trade Inspection Services and Plans Examination Services.

DATE OF SERVICE: 2016- *Current*

RESPONSIBILITIES: *Joe Payne, Rick Hoepner, Mark Thornbloom, Andrew Manero, Pete Swarr, Scott Seigel, Abraham Chabab, David Wilcox, and Jorge Cedeno have worked on this contract. 2016 to current status – Approximately \$3.5M of services. All work is completed within budget and schedule. The contract has been renewed once. The following summarizes our responsibilities:*

- Commercial and Residential Professional Service Experience: JPI staffs the contract with up to eight daily inspectors throughout the life of the contract. In addition, JPI provides an in-house and remote plan review as needed by the City to target a ten-day turnaround for reviews. JPI utilizes Acela on tablets and in the office. Completes residential and commercial inspections.
- Firm and Staff Contract Experience: JPI completes multi-trade residential and commercial inspections. All full-time staff on the contract are fully licensed as Engineers, Architects, or Building Code professionals and complete multi-trade assignments. **JPI provides licensed commercial and residential inspectors (multi-trade) and had staff available for licensed commercial and residential plan reviewers (multi-trade).**
- Costs: JPI provides a daily 50% cost savings to the County through the use of multi-trade professionals. For example, JPI professionals are licensed for both residential and commercial work, could have one professional handle both in a route, rather than needing two professionals.



6) **City of Palm Bay - Valentino Perez, CBO, 321-726-5614**

SCOPE: Interim Building Official and Multi-trade Inspection Services and Plans Examination Services.

DATE OF SERVICE: 2016- Current

RESPONSIBILITIES: *Joe Payne, David Wilcox, Kevin Singley, Andrew Manero, Pete Swarr, Scott Seigel, Abraham Chabab, and Jorge Cedeno have worked on this contract. 2016 to current status – Approximately \$2.2M of services. All work is completed within budget and schedule. The contract has been renewed twice. The following summarizes our responsibilities:*

- Commercial and Residential Professional Service Experience: JPI staffs the contract with up to eight daily inspectors throughout the life of the contract. In addition, JPI provides an in-house and remote plan review as needed by the City to target a ten-day turnaround for reviews. JPI utilizes HTE Mars, Naviline, BlueBeam, and Central Square on tablets and in the office. Completes residential and commercial inspections and plans review. On most days, JPI is the senior in-house plans reviewer and also responded to desk questions.
- Firm and Staff Contract Experience: JPI provides an Interim CBO on three separate occasions during the life of the contract. All full-time staff on the contract are fully licensed as Engineers, Architects, or Building Code professionals and complete multi-trade assignments. JPI provides licensed engineers and licensed CFMs for floodplain work. JPI staff also possesses multiple cross-discipline licenses including stormwater pollution prevention. **JPI provides licensed commercial and residential plan reviewers (multi-trade) and provide licensed commercial and residential inspectors (multi-trade).**
- Costs: JPI provides a daily 50% cost savings to the City through the use of multi-trade professionals. For example, JPI professionals are licensed for both residential and commercial work, could have one professional handle both in a route, rather than needing two professionals. JPI provides a 40% cost savings as the interim building official through providing a work plan that isolated 24 hours per week of work that required a CBO license from 16 hours per week of administrative work within the CBO office. There were no change orders.



7) **City of Melbourne** – *Steve Innes, BCA, FCA, CFM, 321-608-7926*

SCOPE: Multi-trade Inspection Services and Plans Examination Services.

DATE OF SERVICE: 2017- *Current*

RESPONSIBILITIES: *Joe Payne, David Wilcox, Kevin Singley, Pete Swarr, Mark Thornbloom and Scott Seigel have worked on this contract. 2017 to current status – Approximately \$0.5M of services. All work is completed within budget and schedule. The contract has been renewed twice. The following summarizes our responsibilities:*

- Commercial and Residential Professional Service Experience: JPI staffs the contract with up to two daily inspectors throughout the life of the contract. In addition, JPI provides an in-house and remote plan review as needed by the City to target a ten-day turnaround for reviews. JPI utilizes Energov and BlueBeam remotely and in the office. Completes residential and commercial inspections and plans review.
- Firm and Staff Contract Experience: JPI provides both inspection and plans review services during the contract. All full-time staff on the contract are fully licensed as Engineers, Architects, or Building Code professionals and complete multi-trade assignments. **JPI provides licensed commercial and residential plan reviewers (multi-trade) and provide licensed commercial and residential inspectors (multi-trade).**
- Costs: JPI provides a daily 25-50% cost savings to the City through the use of multi-trade professionals. JPI covered vacation leave for City personnel on routine occasions. There were no change orders.



8) **City of Clermont - Mark A. Grenier, CBO, MCP, 352.241.7311**

SCOPE: Commercial and Residential Building Inspection & Plans Review Services

DATE OF SERVICE: 2016- Current

RESPONSIBILITIES: *Joe Payne, Cory Brockett, Tony Murphy, Rick Hoepner, Mark Thornbloom, Bob Ivy, and David Wilcox have worked on this contract. 2019 to current status – Approximately \$0.5M of services. All work is completed within budget and schedule. The following summarizes our responsibilities:*

- Commercial and Residential Professional Service Experience: JPI staffs the contract with up to three daily inspectors throughout the life of the contract. JPI provides weekly staffing schedules to Mr. Spears and Mr. Grenier. JPI provides daily results to Mr. Spears and as needed Mr. Colvin and Ms. Roderick. JPI works under eTrackit and related technologies by CRW systems/ Superior.
- Firm and Staff Contract Experience: JPI completes multi-trade residential and commercial inspections. All full-time staff on the contract are fully licensed as Engineers, Architects, or Building Code professionals and complete multi-trade assignments. **JPI provides licensed commercial and residential inspectors (multi-trade) and had staff available for licensed commercial and residential plan reviewers (multi-trade).**
- Costs: JPI provides a daily 50% cost savings to the City through the use of multi-trade professionals. For example, JPI professionals are licensed for both residential and commercial work, could have one professional handle both in a route, rather than needing two professionals. There were no change orders.



9) **City of Palmetto** – *Mo Ryan, Public Works Director, 941-723-4580*

SCOPE: Interim Building Official and Multi-trade Inspection Services and Plans Examination Services.

DATE OF SERVICE: 2019- *Current*

RESPONSIBILITIES: *Joe Payne, David Wilcox, Eddie Page, Mark Thornbloom, Mike Sutphin, Jason Steele, and Joe Aukstikalnis have worked on this contract. 2019 to current status – Approximately \$1.0M of services. All work is completed within budget and schedule. The following summarizes our responsibilities:*

- Commercial and Residential Professional Service Experience: JPI staffs the contract with up to two daily inspectors throughout the life of the contract. In addition, JPI provides an in-house and remote plan review as needed by the City to target a ten-day turnaround for reviews. Through the JPI interim Building Official, JPI manages the Department for all assignments including plan review. Completes residential and commercial inspections and plans review. JPI serves as the interim Building Official.
- Firm and Staff Contract Experience: JPI provides an Interim CBO since 2019 on this contract. All full-time staff on the contract are fully licensed as Engineers, Architects, or Building Code professionals and complete multi-trade assignments. **JPI provides licensed commercial and residential plan reviewers (multi-trade) and provide licensed commercial and residential inspectors (multi-trade).**
- Costs: JPI provides a daily 50% cost savings to the City through the use of multi-trade professionals. For example, JPI professionals are licensed for both residential and commercial work, could have one professional handle both in a route, rather than needing two professionals. JPI provides a 40% cost savings as the interim building official through providing a work plan that isolated 24 hours per week of work that required a CBO license from 16 hours per week of administrative work within the CBO office. There were no change orders.



10) **Hillsborough County** – David M. Anthony, Chief Mechanical Inspector, 813-335-7570

SCOPE: Multi-trade Inspection Services and Plans Examination Services.

DATE OF SERVICE: 2016- *Current*

RESPONSIBILITIES: *Joe Payne, Jason Steele, Daniel Folwell, Pat Nolan, Michael Tew, and Julie Daniels have worked on this contract. 2016 to current status – Approximately \$6.0M of services. All work is completed within budget and schedule. The contract has been renewed twice. The following summarizes our responsibilities:*

- Commercial and Residential Professional Service Experience: JPI staffs the contract with up to twelve daily building inspectors throughout the life of the contract. In addition, JPI provides two in-house plan review professionals as needed by the County to target a ten-day turnaround for reviews. Completes residential and commercial inspections and plans review.
- Firm and Staff Contract Experience: All full-time staff on the contract are fully licensed as Engineers, Architects, or Building Code professionals and complete multi-trade assignments. **JPI provides licensed commercial and residential plan reviewers (multi-trade) and provide licensed commercial and residential inspectors (multi-trade).**
- Costs: JPI provides staffing to the County to meet high volume demand. JPI is the primary vendor on this contract. There were no change orders.