

# RESUME

## James L. (Jimmy) Buckner, P.E., SECB

### LICENSES / REGISTRATIONS

#### LICENSED PROFESSIONAL ENGINEER

FLORIDA

TEXAS

GEORGIA

SOUTH CAROLINA

#### BOARD CERTIFIED STRUCTURAL ENGINEER

Structural Engineer Certification Board

#### REGISTERED PRODUCT EVALUATION & VALIDATION ENGINEER

Florida Building Commission

#### APPROVED LABORATORY TEST ENGINEER

Miami-Dade Building Code Compliance

#### APPROVED THIRD-PARTY EVALUATOR

National Storm Shelter Association

#### GREEN BUILDING CERTIFYING AGENT

Florida Green Building Coalition

#### FLORIDA CERTIFIED GENERAL CONTRACTOR

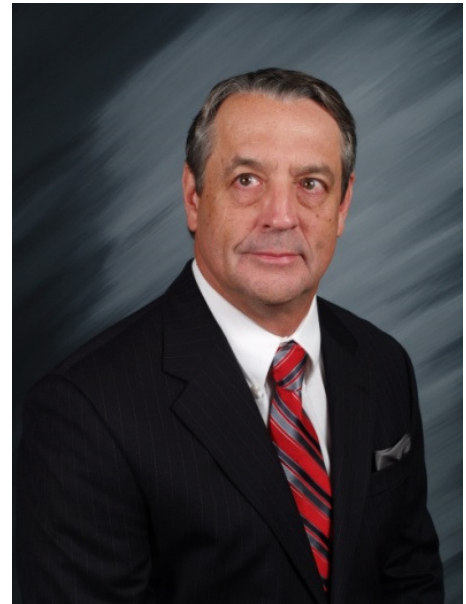
Construction Industry Licensing Board

#### SPECIAL DESIGNATION

##### ICC-ES COLLABORATOR

International Code Council

Evaluation Service



### SERVICE

**Member:** Florida Building Commission (FBC) - Roofing Technical Advisory Committee (TAC)  
University of Florida (UF) - Research Advisory Panel, College of Engineering

**Director:** Florida Structural Engineers Association (FSEA) – Palm Beaches Chapter  
And President Elect 2014

**Stakeholder:** Florida Building Commission (FBC) - Building Code Development

**Past Member:** Florida Building Commission (FBC) - Product Approval Validation Workgroup  
Florida Building Commission (FBC) - Soffit Systems Workgroup  
Florida Building Commission (FBC) - Secondary Water Barrier Research Advisory Group  
Florida Building Commission (FBC) - Roofing Subcommittee of the Building Structural TAC  
Florida Atlantic University (FAU) – Dept. of Civil Engineering, Department Advisory Council  
National Storm Shelter Association (NSSA) - Standards Committee  
Director: National Storm Shelter Association (NSSA)  
Director: Florida Structural Engineers Association (FSEA) – South Florida Chapter

**COURSE PRESENTER**

“Pitfalls with Anchor Details”

AAMA Southeast 2009 Fall Meeting

Convened By: American Architectural Manufacturer’s Association (AAMA)

“Enhancing Extreme Wind Resistance Envelope Design by Utilizing Product Approvals”

10<sup>th</sup> America’s Conference on Wind Engineering (2005) Hosted by LSU Hurricane Center

Convened By: American Association for Wind Engineering (AAWE)

**PUBLICATIONS**

Upcoming Changes to the Florida Building Code, Roofing Florida Magazine, Sept. 2011

**AWARDS**

1981 ENGINEER OF THE YEAR IN CONSTRUCTION

By Thirty Metro Atlanta Engineering Societies

1980 ENGINEER OF THE YEAR IN CONSTRUCTION

By the Georgia Society of Professional Engineers

**ACTIVE PROFESSIONAL MEMBERSHIPS**

**FSEA** Florida Structural Engineers Association

**AAWE** American Association of Wind Engineering

**AWES** Australasian Wind Engineering Society

**NSSA** National Storm Shelter Association

**ICC** International Code Council

**BOAF** Building Officials Association of Florida

**IAWE** International Association of Wind Engineers

**FGBC** Florida Green Building Coalition

**PREVIOUS PROFESSIONAL ACTIVITIES**

**GSPE** Cobb Chapter, Georgia Society of Professional Engineers

(Served in various capacities from Chapter Director through President)

**GSPE** Georgia Society of Professional Engineers

(Served as State Director)

**ACI** American Concrete Institute

**EDUCATION**

Clemson University, Clemson, S.C. Bachelor of Science in Civil Engineering

Valdosta High School, Valdosta, Ga.

**MILITARY**

ROTC , commissioned Second Lieutenant, US Army

Active Duty, Corps of Engineers, Branch School

Honorable Discharge from Reserves, Rank Captain

## WORK EXPERIENCE

### **CBUCK Engineering**

**President**

**1998 - Present**

Specialty Structural Engineering  
West Palm Beach, FL

James L. "Jimmy" Buckner, P.E., SECB, founded CBUCK Engineering as a Specialty Structural Engineering Firm to evaluate building products, produce research reports, and expedite product approvals and Green building products consultation. Designing roof and covering products to resist extreme winds is an area that Jimmy Buckner has extensive experience.

### **Engineering Services:**

- Research Reports for Code Compliance
- Florida: Statewide Product Evaluation, Validation and Approval processing
- Miami-Dade: High Velocity Hurricane Zone Product Evaluation and Approval processing (NOA)
- ICC-ES: International Code Council-Evaluation Services Reports and processing
- Local / Site specific Product Approvals
- Miami-Dade: One-Time / Site Specific Product Approvals
- Test Selection, Planning & Coordination
- Site Specific Permit Structural Attachment Design
- Metal Component Design

### **ACRC Atlantic & Caribbean Roof Consulting**

**CBUCK Associated with ACRC**

**2001-2002**

Miami-Dade Approved Testing Laboratory  
Fort Lauderdale, FL

Testing, evaluation, and engineering design services for roofs and building envelopes

- Field and laboratory testing to assess material conditions, determine structural strength and consistency, and certify code permit requirements
- Code-specific wind pressure calculations, for permit applications
- Engineering calculations for attachment of roof systems
- Research, creative testing, system design modifications and consultation with permit authorities on special projects

### **Consul-Tech Engineering, Inc.**

**Project Engineer**

**2000-2001**

FDOT Construction Management  
West Palm Beach, FL

- Responsible for construction engineering and inspections on Florida Department of Transportation (FDOT) road construction projects
- Responsible for ensuring project was on schedule
- Inspection of storm water structures for compliance with state environmental permit

**Independent Roof Testing of South Florida, Inc.**

**Director of Engineering**

**1998-2000**

Miami-Dade Approved Testing Laboratory  
Fort Lauderdale, FL

- Corporate Officer
- Qualifying engineer for the corporation's Engineering *Certificate of Authorization*
- Certified by Miami-Dade to perform laboratory testing
- Responsible for all engineering of roof wind uplift pressures and attachment design
- Responsible for field testing and engineering reports
- Laboratory test engineer of manufacturers' roof system models to Dade County standards, Factory Mutual criteria and U.L. Test standards

**ABUCK, Inc.**

**President**

**1984-1997**

Design and Build-General Contractor  
Engineering & Construction Services  
Metro Atlanta, Georgia

ABUCK Inc. was formed in 1984 as a successor Company to ABUCK Building Systems, Inc., with Jimmy Buckner as the sole stockholder. Beginning in 1988, most ABUCK contracts were realized through ABUCK, Inc. In 1997 a group of 3 employees bought ABUCK, Inc. and the assets from Buck Enterprises. ABUCK continues to grow and prosper.

**ABUCK Building Systems Inc.**

**President**

**1988 – 1992**

Design and Build – General Contractor  
Engineering & Construction Services  
Metro Atlanta, Georgia

**Vice President**

**1976 - 1988**

**Mgr. Design & Const**

**1973 - 1976**

Design and Build General Construction Firm and Authorized Dealer for Armco STEELOX Building Systems and STEELOX Roofing Systems.

- Perform Civil and Structural design for Site Development, Pavements, Concrete & Steel Components and Structures
- Coordinate in-house and outside engineering and architectural consultants,
- Develop performance specifications, preliminary designs, cost estimates, client proposals,
- Coordination of permit process
- Construction Management including administration of subcontracts and scheduling
- Manager Steel Erection Crews & Design rigging, lifting devices
- General Administration & Marketing

**Scope of Work:**

Design and Build General Construction , site development, drainage design, storm water detention, hazard materials spill containment structures, utilities, foundations, pavement design, concrete slabs on grade, building structural, wall and roof systems, electrical and mechanical systems, bridge crane structure, one and two story offices, interior finishes, new and retrofit roofing

**Types of facilities**

Railroads, Georgia D.O.T., chemical plants, manufacturing plants, office buildings, truck terminals, Atlanta Hartsfield Airport, electric and gas utilities, pipeline companies, oil companies, communication buildings, water treatment plants, school systems, commercial buildings

Note: In 24 years with over 2,000 contracts, ABUCK was never involved in a law suit (client, vendor, subcontractor, agency). Front end planning, organizing and a win-win attitude contributed to this record. Efficient design and quality work from a loyal team generated 80 % repeat clients.

**BUCK Enterprises Inc.**

Construction Equipment Leasing  
Metro Atlanta, Georgia

**President:**

**1988-1998**

**Armco / STEELOX Corp.**

Middletown, Ohio

**Project Engineer:**

**1970-1973**

Work experience with a manufacture of Pre Engineered Steel Buildings and Metal Roof Systems. In the dealer support section and the steel erection department. Armco / STEELOX also had a Design and Build General Construction Department that Jimmy Buckner worked in as a Project Engineer.