

RESUME

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

LICENSES / REGISTRATIONS

LICENSED PROFESSIONAL ENGINEER

FLORIDA #31242
GEORGIA #10312
SOUTH CAROLINA #5906

BOARD CERTIFIED STRUCTURAL ENGINEER

Certification #1058-0705
Structural Engineer Certification Board

REGISTERED PRODUCT EVALUATION & VALIDATION ENGINEER

ANE ID #1916
Florida Building Commission

APPROVED LABORATORY TEST ENGINEER

#02-1104.14 - Inactive
Miami-Dade Building Code Compliance

APPROVED THIRD-PARTY COMPLIANCE EVALUATOR

Storm Shelters, ICC/NSSA Standard, ICC 500-2008
National Storm Shelter Association

GREEN BUILDING CERTIFYING AGENT

Florida Green Building Coalition

FLORIDA CERTIFIED GENERAL CONTRACTOR

#CG-C019636
Construction Industry Licensing Board



SERVICE

- Member:** Florida Building Commission (FBC) - Roofing Technical Advisory Committee (TAC)
Florida Building Commission (FBC) - Soffit Systems Workgroup
Florida Building Commission (FBC) - Secondary Water Barrier Research Advisory Group
National Storm Shelter Association (NSSA) - Standards Committee
University of Florida (UF) - Research Advisory Panel, College of Engineering
Florida Atlantic University (FAU) - Department of Civil Engineering,
Department Advisory Council (DAC)
- Director:** National Storm Shelter Association (NSSA)
Florida Structural Engineers Association (FSEA) – Palm Beaches Chapter
- Stakeholder:** Florida Building Commission (FBC) - Building Code Development
- Past Member:** Florida Building Commission (FBC) - Product Approval Validation Workgroup
Florida Building Commission (FBC) - Roofing Subcommittee of the Building Structural TAC
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”
10th America’s Conference on Wind Engineering (2005) Hosted by LSU Hurricane Center
Convened By: American Association for Wind Engineering (AAWE)

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
ENERGY STAR Partner

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

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

1998 - Present: **President**

CBUCK Engineering

Specialty Structural Engineering

CBUCK, Inc.

West Palm Beach, FL

Florida Engineer Firm Certificate of Authorization # 8064

James L. "Jimmy" Buckner, P.E., SECB, founded CBUCK Engineering as a Specialty Structural Engineering Firm to evaluate building products, produce research reports, 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:

- Code compliance research
- Florida: State product evaluations, reports, validation and approval processing
- Miami-Dade: Notice of Acceptance (NOA) product evaluation reports and approval processing for High Velocity Hurricane Zone (HVHZ)
- International Code Council-evaluation services (ICC-ES) engineering reports and processing
- Code Evaluation Research Reports (Florida Building Code, International Building Code)
- Florida Dept. of Education (DOE) Roof Approvals
- Texas Dept. of Insurance (TDI) Evaluations engineering reports and processing
- National Storm Shelter Association (NSSA / ICC-500) Evaluations
- Test selection, planning & coordination
- Site specific design submitted for local product approvals
- Miami-Dade: One-Time / Site specific product approval engineering and submittal
- Green building products consultation
- Reports for code compliance
- Wind storm damage assessment

2001 - 2002: CBUCK Associated With ACRC

Atlantic & Caribbean Roof Consulting (ACRC)

Fort Lauderdale, FL

Miami-Dade Approved Testing Laboratory

Miami-Dade NOA 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

2000 - 2001: Project Engineer

Consul-Tech Engineering, Inc.

West Palm Beach, FL

FDOT Construction Management

Responsible for construction engineering and inspections on Florida Department of Transportation (FDOT) road construction projects

- Responsible for contract inspections project schedule
- Inspection of storm water structures for compliance with state environmental permit

1998 – 2000: Director of Engineering

Independent Roof Testing & Consulting Of South Florida, Inc.

Fort Lauderdale, FL

Miami-Dade Approved Testing Laboratory

- 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 calculations
- 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

1984-1997 President

ABUCK, Inc.

Metro Atlanta, Georgia

**Design and Build-General Contractor
Engineering & Construction Services**

ABUCK Inc. was formed in 1984 as a successor Company to ABUCK Building Systems, Inc. as a design and build commercial/industrial general contractor. Beginning in 1988, contracts were produced through ABUCK, Inc. In 1997 a group of 3 employees bought ABUCK, Inc. and the assets from Buck Enterprises. The ABUCK companies continue to grow and prosper.

1988-1992 President

ABUCK Building Systems Inc.

Metro Atlanta, Georgia

1976-1988 Vice President

1973-1976 Manager Design and Construction

**Design and Build – General Contractor
Engineering & Construction Services**

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 structural, one and two story offices buildings, interior finishes, new and retrofit roofing ,manufactured industrial buildings approved by Georgia DCA

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, organization and a win-win attitude contributed to this record. Efficient design and quality work from a loyal team generated 80 % repeat clients.

1988-1998 President

BUCK Enterprises Inc.

Metro Atlanta, Georgia

Construction Equipment Leasing

1970-1973 Project Engineer

AK Steel

(formerly Armco /STEELOX Corp.)

Middletown, Ohio

Work experience with a manufacturer 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.