

RESUME

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

LICENSED PROFESSIONAL ENGINEER

FLORIDA #31242 1981
GEORGIA #10312 1976
SOUTH CAROLINA #5906 1975

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 – Inactive

FLORIDA CERTIFIED GENERAL CONTRACTOR

#CG-C019636 1981
Construction Industry Licensing Board

SERVICE

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

COURSE PRESENTER

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

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

1970 Clemson University, Clemson, S.C. Bachelor of Science in Civil Engineering
1965 Valdosta High School, Valdosta, Ga.

MILITARY

ROTC , commissioned Second Lieutenant 1970 US Army
Active Duty 1970, Corps of Engineers, Branch School
Honorable Discharge from Reserves 1978, 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 Engineering 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 validate Green building products. 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: State product evaluation, validation and approval processing
- Miami-Dade: Notice of Acceptance (NOA) product evaluation and approval processing for, High Velocity Hurricane Zone (HVHZ)
- International Code Council-evaluation services (ICC-ES) reports and processing
- Code Evaluation Research Reports
- Florida Dept. of Education (DOE) Roof Approvals
- Texas Dept. of Insurance (TDI) Evaluations
- 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 submittal
- Green building products certification and validation
- Wind storm damage assessment

2001 - 2002: CBUCK Associated With ACRC

ACRC
Atlantic & Caribbean Roof Consulting

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 ensuring project was on 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 the following laboratory testing:
TAS 103, 105, 106, 112, 114 D, I, J, 124, 126, ASTM C1167
- 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.,. 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.

1976-1988 Vice President

Design and Build – General Contractor

1973-1976 Manager Design and Construction

Engineering & Construction Services

Metro Atlanta Georgia

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

Armco /STEELOX Corp. Middletown, Ohio

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.