



US Building Consultants Inc.

FL CGC License #15191100 | FL Architectural License #AA26002098 | FL Engineering License #2944



PROFESSIONAL CURRICULUM VITAE

Peter K. Brownrigg, NCARB

Professional Summary:

Mr. Brownrigg is a Nationally Certified Architect with over 30 years of international experience in the design, restoration and waterproofing of hotels, hospitals, universities, airports, parking structures, and hundreds of condominiums. For the last fifteen years he has specialized in the “after market” of existing structures which involves remedial work related to long-term preventive maintenance.

Areas of Expertise: building envelope restoration, architecture, masonry repair, waterproofing, construction management, investigations & evaluation, specification & drawings, preventive maintenance planning, design solutions, and reserve studies.

VP Forensic Investigations/Architect

NCARB No. 28153

Registered Architect UK, ARB No. 43655

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LICENSING AND CERTIFICATION TRAINING (Partial List):

- USA Nationally Certified Architect, Certificate No. 28153 (current)
- Florida Building Contractor's License No. CB C056949 (inactive)
- Registered Architect in U.K. (England), ARB No. 43655 (current)

EDUCATION AND CERTIFICATION:

- University for the Creative Arts, Canterbury, Kent, England
- RIBA Diploma in Architecture (Master's equivalent)
- RIBA Professional Practice, (Royal Institute of British Architects)

INDUSTRY AND PROFESSIONAL AFFILIATIONS (FORMER & CURRENT):

- Florida Healthcare Engineering Association
- Florida Parking Association
- International Facility Managers Association (IFMA)
- International Concrete Repair Institute (ICRI)
- Building Owners & Managers Assoc. (BOMA - TOBY Awards Chairman)
- Royal Institute of British Architects (RIBA)
- American Institute of Architects (AIA)
- Construction Specifications Institute (CSI)
- Building Managers International (BMI)
- Building Area Managers (BAM, Volusia County)
- Community Associations Institute (CAI)
- Rotary International (Mandarin, Jacksonville - 8 years)
- Space Coast Condominium Association (SCCA)
- Society for Marketing Professional Services (SMPS)

Corporate Headquarters: 1722 NW 80th Blvd. Suite 70 Gainesville, Florida 32606
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Fort Lauderdale, Florida | Orlando, Florida | Pensacola, Florida | Tallahassee, Florida | Tampa, Florida

WORK EXPERIENCE IN THE CONSTRUCTION INDUSTRY:

2011 - Present: VP Forensic Investigations/Architect, U S Building Consultants Inc.

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U S Building Consultants, Inc. (USBCI) is a forensic engineering, architectural, investigations and expert witness firm. Primary areas of focus are Building Envelope Evaluation/Forensic and Diagnostic Investigations, Water Intrusion Analysis, Toxic Mold Investigation, Construction Failures/Defect Analysis, Toxic Mold Decontamination and Remediation, Project Management, Training & Seminars, Expert Witness Services.

Responsibilities: Moisture intrusion, forensic / diagnostics, inspection, laboratory analysis, ASTM field testing, hydrodynamic and hydrostatic water testing, material sample testing and analysis, waterproofing and restoration reviews for building envelope construction, failure analysis, third-party consulting, expert witness, architectural services, contract administration, material specification and selection, roofing and waterproofing inspection, infrared thermography, specifications and blue print waterproofing reviews (prior to construction), architectural designs 3D/4D rendering, environmental protocols, testing, and laboratory microbial analysis (IAQ) for commercial buildings. Reserve studies, annual inspections for preventive maintenance, training and teaching (presentations) in waterproofing building envelope construction.

1995 - 2000/2005 - 2011: Present/Sole Proprietor, Building Restoration Consultants

Building Restoration Consultants are building envelope specialists in Florida and the Southeast. BRC has considerable experience in the design and construction industry and deals exclusively with the waterproofing, restoration and reroofing of commercial structures. Our services cover all aspects of damage to the exterior of buildings, otherwise known as the building "envelope", which includes roofs, walls, balconies, windows, doors, and exposed structural elements such as columns and beams.

Responsibilities: Condition surveys, making suggestions for repairs, developing budget estimates, writing specifications, preparing contract documents, handling the bidding process and providing quality control in the field during construction phase. This work has involved all kinds of building types: from airports to hospitals, from hotels to high rise offices, from college campuses to correctional facilities, numerous parking structures and hundreds of condominiums. Worked extensively with product manufacturers and distributors in the concrete repair and waterproofing industry. Much time spent on product research.

2003 - 2005: Sales & Marketing Director, CPT (Cathodic Protection Technology)

Cathodic Protection Technology (CPT) specializes in providing engineered solutions to corrosion problems. Their singular focus on corrosion mitigation comes from 20 years of experience in addressing condominium concrete restoration projects. CPT's unique area of expertise is in the application of impressed current cathodic protection to condominium balconies, walkways, plaza decks and parking garages.

Responsibilities: Developing and expanding Matcor's CP concrete restoration technology throughout Florida's condominium market. Succeeded in getting the product specified on numerous projects which required establishing relationships with building owners, structural engineers and specialist contractors (such as SPS for example). Represented the company at national and local ICRI meetings and trade shows. Wrote articles for client and industry publications, such as Condo Management Magazine. Prepared award submission documents for ICRI's Concrete Repair Bulletin.

2000 - 2003: Southeast Regional Manager, Corrpro Companies

For over 25 years, Corrpro has been a leading provider of cathodic protection systems and engineering services. As a subsidiary of Insituform Technologies, Inc., Corrpro offers corrosion solutions for every industrial market including pipeline, refinery, above and underground storage tanks, water, wastewater, concrete, infrastructure, offshore, and marine.

Responsibilities: developing and expanding Corrpro's CP concrete restoration technology throughout Florida's condominium market. Developed relationships with structural and corrosion engineers, particularly in south and

west Florida. Became very active in Florida ICRI chapters and participated in all meetings. Created PowerPoint presentations for client meetings and trade shows.

1990 - 1995: Building Restoration & Waterproofing Contractors

Professional Restoration; Geo. Mead; SpecTech Systems (now Valcourt)

Responsibilities: President; Director of Marketing; Regional Manager.

Sales and marketing for building contractors specializing in the restoration and waterproofing of commercial buildings, hospitals, hotels and condominiums.

1980 - 1990:

Senior Architect/Project Manager/Business Development, Reynolds Smith and Hills

Reynolds, Smith & Hills, Inc. (RSH) is one of the leading facilities and infrastructure consulting firms in the United States. The privately held architectural, engineering, planning, and environmental services corporation is headquartered in Jacksonville, Florida, where they also provide clients with facilities and infrastructure consulting.

Responsibilities: Jacksonville International Airport Terminal Area Expansion and Gainesville Airport Expansion.

Project Manager/Assistant Designer/Project Architect, 3D/International

3D/International specializes in designing and constructing schools and public buildings. Services include Architecture, Building Analysis/Forensic, Construction Management, Design/Build, Engineering, Environmental, Estimating, Historic Preservation, Interior Architecture, and Project Management. Their focus is Airport/Aviation, Banking/Financial, Colleges and Universities, Conference Centers, Convention Centers, Correctional Facilities, Courthouses, Government Buildings, Hospitality, K-12 Schools, Military Facilities, Offices, Parking Structures, School Laboratories, Senior/Assisted Living, Training Centers, Warehouse/Office .

Responsibilities: W.P. Hobby Airport Phase III & IV Renovation & Expansion, Houston; Conrad International Hotels, Gatwick Airport, London; UMNO Complex Office Tower, Kuala Lumpur, Malaysia; and Faisaliah Islamiah School for Girls, Saudi Arabia.

PUBLICATIONS (PARTIAL LIST):

Wrote several articles for Condo Management Magazine, Manager's Report and Florida Community Association Journal during the period 1998 to 2005. The following subjects were addressed:

- How to select a good roofing contractor
- The importance of waterproofing the exterior building envelope
- The importance of long term preventive maintenance
- Cathodic Protection (CP) for balconies and walkways
- Featured articles about Cathodic Protection (CP) installations at Roney Palace, Atlantic Ocean Club, Point Brittany Six, Cote d'Azur, and Ocean Towers South.

PROJECTS (PARTIAL LIST):

- State Capitol Tower (30 stories), Tallahassee
- Orlando Regional Medical Center, Parking Structure for Arnold Palmer Women's Hospital
- Jacksonville International Airport Parking Structure
- NASA Shuttle Landing Runway Joint Replacement
- University of Central Florida, Orlando, Florida
- Marriott Renaissance Jamaica Grande Resort
- Broward County Facilities Management Division: Various Projects Involving Exterior Waterproofing

- Lincoln Plaza, Downtown Orlando, Florida
- Marriott Vacation Club, International, Orlando, Florida
- Enterprise Center Garage, Jacksonville, Florida
- Prudential Insurance Office Building, Jacksonville, FL
- Prudential Records Building, Jacksonville, FL
- Oceans Two, Daytona Beach Shores, Florida
- Old Ponte Vedra Condominium, Ponte Vedra, Florida
- Anastasia, Windjammer, Ocean Village Club, Ocean Sunrise, Ocean & Racquet Club, Spyglass, Sand Dollar 3, St. Augustine, Florida (all for same client)
- Canaveral Towers, Cape Canaveral, Florida
- Ortega Yacht Club, Jacksonville, Florida
- Surfside Club, Port Orange, Florida
- The Peninsula, Daytona Beach Shores, Florida (23 story high rise luxury condo w/ full height atrium)
- The Residences, World Golf Village, St. Augustine, FL
- Cape Winds Resort, Cape Canaveral, Florida

EXPERT WITNESS CASES:

Mr. Brownrigg has been involved in several litigation cases and has been qualified as an expert witness. A partial list of the cases are shown below:

- EIFS study at Oceans Six Condominium, Daytona Beach Shores, FL, for the association represented by Joe Lane of Lowndes Drosdick Kantor and Reed, Orlando, in support of suit brought against stucco contractor, 1997.
- Olde Ponte Vedra Condominiums, Ponte Vedra, FL. Worked for AIG Insurance in support of the Stellar Group (developer/contractor) in a suit brought against them by the association. Saved AIG several million dollars! 1998.
- Versailles Sur-La-Mer Condominium, Melbourne Beach, FL. Acted as expert witness in support of the association who were being sued by a contractor for non-payment resulting from defective workmanship. 2005-2006.
- Riomar Condominium, Cocoa Beach, FL. Forensic evaluation of entire building envelope on behalf of the association who were suing the developer/contractor for design and construction defects. Worked closely with Neil McCulloh of Claydon McCulloh, Law firm in Orlando. Helped association win back several thousand dollars for repairs.



FOR ADDITIONAL INFORMATION PLEASE GO TO WWW.USBCINC.COM