



## **SCOTT A. HARVEY, AIA, RWC, CDT, LEED AP**

*Registered Architect*

Scott Harvey has over 10 years of experience in architecture. He is responsible for existing facility condition surveys and failure analysis of building components. He also analyzes contracts, building codes, and life safety issues. Mr. Harvey has broad experience in the evaluation and research of industry standards as they relate to building violations. Mr. Harvey also provides services to teams during the design phase of a project. This effort is related to waterproofing failures and deficiencies, code violations, life safety, and general quality control issues as well as quality assurance reviews during the project documentation phase.

Prior to joining Applied Building Sciences, Inc, Mr. Harvey's experience was primarily in the field of design. His major client was the United States Army Corps of Engineers. Mr. Harvey provided them with services covering the design and documentation for bidding and constructing new facilities as well as renovations of existing facilities. Mr. Harvey also provided construction administration services for these facilities.

### ***Education***

- Master of Architecture, North Carolina State University, Raleigh, North Carolina, 1998
- Bachelor of Environmental Design, Miami University, Oxford, Ohio 1996

### ***Registration***

- Registered Architect in Alabama, Florida, Georgia, Kentucky, North Carolina, and South Carolina
- Registered Waterproofing Consultant (RWC)
- National Council of Architectural Registration Boards (NCARB)
- Leadership in Energy and Environmental Design Accredited Professional (LEED AP)
- Construction Documents Technology (CDT)

### ***Professional Organizations***

- American Institute of Architects (AIA)

- Building Enclosure Council of Charleston (Treasurer)
- U.S. Green Building Council

### ***Previous Experience***

- Applied Building Sciences, Inc
- April 2005 – Present
- LS3P Associates LTD, Charleston, SC
- June 1998 – April 2005
- Alpha Design Group, Raleigh, NC
- December 1997 – June 1998
- SSOE, Inc., Toledo, Ohio
- June 1993 – August 1996

### ***Principal Areas of Practice***

- Building Envelope Failure Investigation
- Building Envelope Waterproofing Design
- Roofing/Coating Failures
- Hurricane/Catastrophe Assessments
- Moisture Migration Surveys
- Contract Related Issues
- Life Safety
- Facility Condition Assessments

Mr. Harvey's experience with Applied Building Sciences includes:

***Building Envelope Failure Investigation and Waterproofing Design:***

- Exterior cladding and waterproofing design for 48 unit ocean front condominium, Ocean Isle Beach, NC
- Stucco cladding investigation and corrective design for two condominium buildings, Charleston, SC
- Building envelope waterproofing design consultant for a single and multi-family residential complex, Charleston, SC
- Building envelope waterproofing design for a low-rise commercial building, Charleston, SC
- Building envelope waterproofing survey and design review during construction of two commercial/condominium building, Lexington, KY
- Evaluation of waterproofing system for multiple condominium rooftop terraces, Savannah, GA
- Provide design, specification and construction phase services for coastal condominium and apartment complexes in North and South Carolina
- Water intrusion investigation for several residences and commercial buildings in North and South Carolina and Florida.
- Conventional and synthetic stucco investigations and repair recommendations for several residences and commercial buildings in North and South Carolina.
- Exterior Insulation and Finish System (EIFS) failure investigations of several residences and commercial buildings in North and South Carolina.
- Brick veneer investigations and repairs for several commercial properties in South Carolina

***Roofing/Coating Failure***

- Investigation of numerous single ply, modified bitumen and built-up roof systems in North and South Carolina and Florida.
- Roofing failure investigation for several commercial buildings in SC.

***Hurricane/Catastrophe Assessments***

- Wind damage assessment of residential structure in Myrtle Beach, South Carolina following Hurricane Ophelia
- Inspection of wind related roof damage to commercial structures in Florida following Hurricane Katrina

***Moisture Migration Surveys:***

- Evaluation of moisture intrusion and mold growth in several residences and commercial buildings in North and South Carolina
- Crawl space surveys and evaluations of residences in South Carolina
- Evaluation of cracking in plaster walls and ceilings related to moisture intrusion in residences and commercial structures in Charleston, South Carolina

***Contract Related Issues:***

- Evaluation of Owner Contractor Contract issues in regards to a condominium complex, Myrtle Beach, SC
- Evaluation of contractor quality assurance procedures for a multi-family housing complex, North Charleston, SC

***Life Safety***

- Slip and fall investigation, Marriott Residence Inn, Charleston, SC
- Stair and handrail investigation of several commercial structures in South Carolina

- Code interpretations of several conditions regarding proper construction in residential and commercial applications in South Carolina.

***Facility Condition Assessments***

- Numerous apartment and condominium complexes throughout South Carolina.
- Numerous commercial buildings and complexes throughout South Carolina

Mr. Harvey's prior project experience with LS3P ASSOCIATES includes:

**Operational Readiness Training Complex – Standard Design**

Project Leader for development of a Facility Standard Design that included a Barracks housing 640 persons, Officers Quarters housing 80 persons, Brigade Headquarters, Battalion Headquarters, Dining Facility to accommodate 700 persons, Company Operations Facility, Battalion Warehouse, and Vehicle Maintenance Facility

**Operational Readiness Training Complex - Design Charrettes**

**Fort Bliss, Texas; Fort Carson, Colorado; Fort Riley, Kansas**

Project Leader for the master planning of a complex to accommodate a brigade combat unit (approximately 4,300 persons) at three separate installations.

**Wheeler Sack Army Airfield Barracks Complex – RFP**

**Fort Drum, NY**

Project Leader for development of RFP for Complex including two 240 person Barracks, Dining Facility, a Brigade and three Battalion Headquarters, Troop Aid Station, five standalone Company

Operations Facilities and nine Hangar Company Operations Facilities.

**Dormitory Complex - RFP**

**Pope AFB, NC**

Project Leader for development of an RFP for a 128 person Dormitory and associated Commons Building.

**Barracks Complex – RFP**

**Fort Benning, GA**

Project Leader for development of an RFP for a Complex including Barracks buildings for 488 soldiers, a Battalion Headquarters and Company Operations Facility

**Basic Combat Trainee Barracks Complex**

**Fort Jackson, SC**

Project Architect for the design of a Battalion Headquarters and Lawn Maintenance Facility.

**Barracks Complex with Dining Facility – Code 3 Design (Schematic Design)**

**Fort Benning, GA**

Project Leader for development of a Code 3 for a Complex including 492 soldiers Barracks buildings, Battalion Headquarters, Dining Facility, Company Operations Facility and the Relocation of several ranges.

**Barracks Complex at Wheeler Sack Army Airfield and Barracks Expansion at 1<sup>st</sup> Brigade – Code 3 (Schematic Design)**

**Fort Drum, NY**

Project Leader for development of Code 3 for Complex including one 240 person Barracks, Dining Facility, a Brigade and two Battalion Headquarters and three standalone Company Operations Facilities at the Wheeler Sack Army Airfield Site and three 92 person Barracks at the 1<sup>st</sup> Brigade Site.

**Barracks Replacement Complex**

**Fort Benning, GA**

Project Architect for development of four Battalion Headquarters.

**Modular Barracks Upgrade Phase II and III**

**Fort Stewart, GA**

Project Architect for the renovation of 20+ Barracks buildings.

**Aviation Business Park, Phase I and II**

**North Charleston, SC**

Project Leader for development and construction of three office/warehouse facilities.

***Continuing Education Courses/Seminars***

- Designing and Detailing to Avoid Moisture – Related Problems in the Building Envelope, Orlando, FL, 2007
- Case Study of a Modern Mid-Rise Building: Brick Veneer Masonry Design and Workmanship Issues, Orlando, FL, 2007
- Fluid Applied Roofing and Waterproofing Membranes, Orlando, FL 2007
- A Systems approach to Zero Lot Line Waterproofing Design, Orlando, FL, 2007
- Risk Management Seminar, A and E from A to Z, Carlock Copeland, Semler and Stair, LLP., Charleston, 2006
- WUFI Seminar, Oak Ridge National Laboratory & Fraunhofer Institute of Building Physics, Charleston, 2006
- Firestone Building Products Roofing Seminar, Building Products University, Indianapolis, 2005
- Demystifying General Conditions, Las Vegas, 2005
- Practicing Ethically: Hands-on Learning, Las Vegas, 2005
- Negotiating Contracts: Responding to Client-Generated Risks, Las Vegas, 2005

- ADAAG Reborn: What Changed? What Does It Mean?, Las Vegas, 2005
- The IBC: A Step-by-Step Process, Las Vegas, 2005
- Why Risk It? Don't Put Your Practice in Jeopardy!, Las Vegas, 2005
- Get the Mold Out! Preventing Mold Growth in Your Architecture, Las Vegas, 2005