



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)

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

Presentations

- Window Flashing Workshop,
Performance of Exterior Envelopes of Whole Buildings X International

1890 Milford Street – Charleston, South Carolina 29405 – Tel 843.724.1456 – Fax 843.724.1458

1416 Chapin Road – Chapin, South Carolina 29036 – Tel 803.345.3833 – Fax 803.345.2823

120 Greenwich Road – Charlotte, North Carolina 28211 – Tel 704.749.3545 – Fax 704.362.3101

398 College Avenue – Clemson, South Carolina 29631 – Tel 843.817.7310

Conference, ASHRAE/DOE,
Clearwater, FL. 2007

- Fort Sumter & Battery Huger: Moisture Protection on Horizontal Surfaces, *Preserving Coastal Forts: A National Park Service Workshop*, Charleston, SC. 2008
- Construction Defect Litigation: From A to Z, North Charleston, SC, May 2008

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
- Exterior cladding and waterproofing design for 13 building, 300 unit, condominium complex, Charleston, SC
- Exterior cladding and waterproofing design for 18 building, 408 unit condominium complex, Charleston, SC
- Construction administration services for the repair of stucco and brick cladding on a 3 building condominium complex, Daniel Island SC
- Exterior cladding and waterproofing design for a 5 building condominium complex, Daniel Island SC
- Exterior cladding and waterproofing design for a mixed use (condominium/business) complex, Daniel Island, SC
- Design for window replacement in a historic condominium structure, Charleston, SC
- Review of building envelope components on construction documents for construction of new Hospital and Medical Office building, Mt. Pleasant, SC.
- Review of building envelope components on construction documents for construction of new hotel, Daniel Island, SC.

- Construction administration services and 3rd party survey of below grade waterproofing and building envelope waterproofing components during the construction of a new Hospital and Medical Office building, Mt. Pleasant, SC
- 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, as well as the evaluation of the stucco and window installation, 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
- Evaluation of Owner Architect Contract issues regarding a single family residence, Johns Island, SC
- Evaluation of Owner Architect Contract issues regarding a single family residence, Savannah, Georgia.

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 1st
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 1st 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

- Below Grade and Plaza Deck Waterproofing and Moisture Control, Madison, Wisconsin, 2008
- 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