



## **LAUREN ULMER, AIA, LEED AP**

*Registered Architect*

Lauren Ulmer has over 8 years of experience in architecture. She is responsible for failure analysis and repair design of building envelopes compromised by moisture intrusion. Ms. Ulmer's work also includes analysis of code and life-safety issues in existing buildings, as well as facility condition assessments.

Prior to joining Applied Building Sciences, Inc., Ms. Ulmer's experience was primarily in the field of design. Ms. Ulmer provided services covering the design, construction documentation, and contract administration for the renovations and adaptive re-use of existing facilities as well as new construction. Ms. Ulmer also provided LEED Project Administration services.

### ***Education***

- Master of Architecture, University of Pennsylvania, Philadelphia, PA, 2004
- Bachelor of Science in Design, Clemson University, Clemson, SC, 2001

### ***Registration***

- Registered Architect in Pennsylvania, Georgia, North Carolina, and South Carolina
- National Council of Architectural Registration Boards (NCARB)
- Leadership in Energy and Environmental Design Accredited Professional (LEED AP)

### ***Professional Organizations***

- American Institute of Architects (AIA)
- US Green Building Council-SC Chapter Charleston Programs Chairperson
- Building Industry Association of Philadelphia, Green Cmte., 2008 –2011
- Delaware Valley Green Building Council, 2008 – 2011
- Community Design Collaborative Volunteer, Philadelphia, 2001 – 2011

### ***Experience***

- Applied Building Sciences, Inc., Charleston, SC  
July 2011 - Present
- JKR Partners LLC, Philadelphia, PA  
June 2004 – June 2011
- Friday Architects/Planners LLC, Philadelphia, PA  
June 2001 – August 2002

### ***Primary Areas of Practice***

- Building Envelope Failure Investigation
- Building Envelope Waterproofing Design
- Code/Life Safety Analysis
- Facility Condition Assessments
- Sustainability and LEED Project Administration

Ms. Ulmer's experience with Applied Building Sciences includes:

- Building envelope investigations at private residences in SC
- Building envelope investigation of a mixed-use development in Bluffton, SC
- Building envelope investigation and waterproofing repair design for a private residence in Charleston, SC

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

- Building envelope investigation of a 300-unit, multi-family development in Murrell's Inlet, SC
- Building envelope investigation at a regional water facility in SC
- Building envelope investigation at a fire station on John's Island, SC
- Document review for a multi-family development in construction litigation, Pawley's Island, SC
- Document review of the LEED - EB project file for a Pre-K through Kindergarten school in Charleston, SC
- Numerous crawl space moisture intrusion investigations at private residences in SC and NC
- Code and industry standards research regarding brick veneer failure at a government building in SC

Ms. Ulmer's previous project experience with JKR Partners LLC includes:

**The Capital Grille – Hynes Convention Center**

**Boston, Massachusetts**

Project Manager for fit-out of 10,000 square foot luxury-brand restaurant with total occupancy approximately 400 people.

**The Capital Grille – Wall Street New York, New York**

Project Manager for fit-out of 18,000 square foot luxury-brand restaurant with total occupancy approximately 500 people.

**The Capital Grille – Garden State Plaza Paramus, New Jersey**

Project Manager for fit-out of 8,000 square foot luxury-brand restaurant with total occupancy approximately 350 people.

**777 South Broad Street Philadelphia, Pennsylvania**

Project Administrator for LEED services for mixed-use project totaling 218,000 square feet comprised of 146 apartments and 18,000 square feet of retail. Project achieved LEED Silver Certification under LEED NC Version 2.2.

**Penn Cinema IMAX Lititz, Pennsylvania**

Project Manager for the new construction of an 11,000 sf, 429-seat IMAX theater and attached 4,000 square foot retail shell.

**The Ambler Theater Ambler, Pennsylvania**

Project Architect for Phases 2 and 3 renovations of the 1920s movie house. Scope included stadium-seating retrofit, accessibility retrofit, restoration of original plaster details, and coordination of an integrated lighting package.

**Cooper University Health System – Suite M Voorhees, New Jersey**

Project Manager for the interior alterations and expansion of the approximately 5,000 square - foot Hematology and Oncology Suite. Scope included alterations to exam rooms, offices, pharmacy, and business areas.

**Artisans' Walk Baltimore, Maryland**

Created schematic site planning and schematic building design for the urban acre mixed-use project; included approximately 70 dwelling units among flats and townhomes; included ground level community space.

**Methodist Home for Children  
Philadelphia, Pennsylvania**

Project Architect for the conversion of a 19<sup>th</sup>-century orphanage into apartments. Scope included accessibility retrofit, integration of an elevator, window replacement, and re-building of original roof dormers.

***Continuing Education Courses/Seminars***

- 90 Million Years of Building Science: Lessons from the Honey Bee, Charleston, 2011
- AIA Contracts, Charleston, 2011
- National Fenestration Council's Certification Program for Commercial Fenestration Energy-Related Performance Ratings, Charleston, 2011
- Color Science in Masonry & Concrete Restoration, Charleston, 2011
- Exterior Masonry Wall Assemblies: The State of the Art, Charleston, 2011
- Building a Net Zero Energy Home, Philadelphia, 2011
- Cool Roofs for Hot Projects, Philadelphia, 2011
- Harvesting Rain: System Design for Strategic Rainwater Capture, Philadelphia, 2011
- Low-Energy, But High-Impact: The Passive House System, Philadelphia, 2011
- Going Underground: Geothermal Heat Pumps Harness Energy for Efficient Heating and Cooling, Philadelphia, 2011
- From the Ground Up: Ted House – A Work in Progress, Philadelphia, 2011
- Fluid Applied Roofing & Waterproofing Membranes, Philadelphia, 2011
- Business Case for Total Building Commissioning, Philadelphia, 2011
- Daylight Management in Commercial Spaces with Shading Systems, Philadelphia, 2011
- Elastic Bonding for Wood Flooring, Philadelphia, 2011
- You Can Do It! 10 Easy Steps to High Performance Houses, Philadelphia, 2011
- Peer into Veneer and Suitable Substrates, Philadelphia, 2011
- Design and Detail of Reinforced Hollow Clay Masonry, Philadelphia, 2011
- Building a Better Permitting Process, Philadelphia, 2010
- Demystifying Resins: Architects Guide to Designing with Polymers, Philadelphia, 2010
- Flashing Selection, Installation, and Sustainability, Philadelphia, 2010
- Designing with Hollow Core Plank, Philadelphia, 2010
- Comparative Study of Wood and Aluminum Windows, Philadelphia, 2010
- Case Studies in the Design of Neighborhood Anchors, Philadelphia, 2009
- Case Studies in the Design of Community Social Service Buildings, Philadelphia, 2009
- Manage Daylight with Window Systems, Philadelphia, 2009
- From the Ground Up: The Complexities of Geothermal Systems, Philadelphia, 2009
- Appraising and Financing Green Construction, Philadelphia, 2009
- Credit/Collection Controls in Architectural Firms, Philadelphia, 2009
- LEED Version 3 Update, Philadelphia, 2009
- Enlightened Spaces: Skylights and Light Tubes, Philadelphia, 2009