

H. Ross Clements, AIA
NCARB, CDT
Forensic Architect

Education

University of Tennessee • Knoxville, TN
Bachelor of Architecture • 2001

Numerous Building Envelope,
Code Analysis, and Accessibility Seminars

Previous Experience

Construction Science and Engineering, Inc.
Architect
2006-2011
Batson Architects, Architect
2004-2006
Larry Woods and Associates, Intern Architect
2001-2004
Spears Architects, Intern Architect
Summer 1999
Agnew & Mifsud Architects, Intern Architect
Summer 1999

Publications

"Just the Facts," an article for the YAF
Connection, American Institute of Architects,
June 2007. Re-run by the AIA Center for
Building Science and Performance Newsletter,
October 2007. Re-run by the AIA KnowledgeNet,
November 2007.

"Be Prepared: Registration = Opportunity," an
article for AIArchitect, American Institute of
Architects, September 2007.

Professional Organizations

AIA, The American Institute of Architects
NCARB, National Council of Architectural
Registration Boards
RCI, Inc. an Organization of Building Envelope
Consultants
EDI, Exterior Design Institute

Profile

Ross Clements received his Bachelor of Architecture degree from the University of Tennessee and is currently a registered architect. In design, Mr. Clements has worked on several project types, including healthcare and retail projects, renovations to educational facilities, retail shopping centers, multi-unit townhomes and apartment projects. Additionally, Mr. Clements has produced construction documents and provided construction administration services. In forensics, Mr. Clements has provided expert witness services, property condition assessments, roof consulting, deficient construction reports, and building code reviews for a variety of commercial, multi-family, and residential buildings.

Professional Registrations

- Registered Architect, South Carolina
- Registered Architect, Georgia
- Registered Architect, North Carolina
- Registered Architect, Tennessee (Inactive)
- NCARB Certificate, National Council of Architectural Registration Boards
- Construction Documents Technologist, Construction Specifications Institute
- Certified Post-Disaster Safety Assessment Evaluator, California Emergency Management Agency (CalEMA)
- HAAG Certified Roof Inspector - Residential (HCRI-R)
- Level I – Certified Third Party EIFS Inspector and Certified Moisture Analyst, Exterior Design Institute
- Level II – Certified Building Envelope Inspector, Exterior Design Institute
- Basic Thermography Training - RestCon
- Eagle Scout, Boy Scouts of America

Principal Areas of Practice

- ADA and FHAA Accessibility
- Building Envelopes
- Roof Systems
- Deficient Construction
- Construction Administration
- Premises Liability

Project Experience

ADA and FHAA Accessibility

- Performed Analysis of Existing Educational Facilities for ADA Accessibility Upgrades and Provided Design Solutions, Nashville, Tennessee
- Performed Analysis of Existing Boardwalks for ADA Accessibility Upgrades and Provided Design Solutions for New Accessible Boardwalks, Hilton Head and Myrtle Beach, South Carolina
- Performed Analysis of Existing Accessible Parking Area and Parking Stops Related to a Trip and Fall Incident, Myrtle Beach, South Carolina

Building Envelopes

- Exterior Insulation and Finish System (EIFS) Failure Investigation, Charleston, South Carolina
- Numerous Conventional Stucco Investigations, Hilton Head, Taylors, Mount Pleasant, and Greer, South Carolina
- Property Condition Assessment of Multi-Family Structures, Mount Pleasant, South Carolina
- Investigation of Various Brick Veneer Cladding Failures, North and South Carolina
- Investigation of Residential Brick Veneer Collapse, Greer, South Carolina
- Investigation of Water Intrusion Thru Vinyl Clad Windows, Daufuskie Island, South Carolina
- Investigation of Medium Density Fiberboard (MDF) Trim Deterioration, Hilton Head, South Carolina
- Investigation of EIFS Cladding and Windows at Public Buildings, Beaufort, South Carolina
- Investigation of Degrading Cast-In-Place Concrete Columns, North Myrtle Beach, South Carolina
- Performed Building Envelope Survey for Multi-Family Condominiums, Little River, South Carolina
- Investigation of Water Intrusion at EIFS Clad Hotel Building, Greenville, South Carolina
- Investigation of Alleged Brick Veneer Failures Related to Blasting, Nashville and Kingsport, Tennessee

Roof Systems

- Investigation of Metal Roof for Commercial Warehouse, Daniel Island, South Carolina
- Investigation of Alleged Hail Damage to Residential Roofs, South Carolina
- Investigation of Wind Damage to Residential Roofs, South Carolina and Georgia
- Investigation of Water Intrusion at Internal Gutters, Both Residential and Commercial Projects, North and South Carolina
- Investigation of Water Intrusion at an Underground Building in the NC Zoo, Asheboro, North Carolina
- Investigation of Fire Damaged Residential Roof Framing and Designed Repair, Anderson, South Carolina
- Investigation of Fire Damaged Residential Roof Framing and Designed Repair, Greenville, South Carolina
- Investigation of Metal Roof Deterioration for Multiple Residences, Pawley's Island, South Carolina

Deficient Construction

- Investigation of Improper Construction at a Single-Family Residence in North Myrtle Beach, South Carolina
- Investigation of Improper Integration of Flashing and Weather Barrier on a Residence in Simpsonville, South Carolina
- Investigation of Alleged Improper Construction at a Residence in Anderson, South Carolina
- Investigation of Water Intrusion Through a Basement Wall, Greer, South Carolina
- Investigation of Improper Construction at a Residential Log Structure, Conway, South Carolina
- Investigation of Alleged Improper Installation of Mobile Homes, Conway and Myrtle Beach, South Carolina
- Investigation of Improper Wood Framing, Buckled Dry-Wall and Interior Finishes on a Residence in Simpsonville, South Carolina
- Investigation of Improper Framing and Foundations on a Residence in Simpsonville, South Carolina
- Investigation of Improper Flashing on the Patios of Multi-Family Apartment Buildings, Little River, South Carolina
- Investigation of Seawall Failure, Hilton Head, South Carolina
- Investigation of French Drain Failure and Designed Repair for Sub-Surface Moisture Migration, Conway, South Carolina

Deficient Construction (Continued)

- Conducted Destructive Testing on Brick Clad Multi-Family Townhomes, Murrell's Inlet, South Carolina
- Investigated Brick Failures and Provided Liability Apportionment Services for Military Building, Parris Island, South Carolina
- Investigation of Improper Installation of Brick Veneer at Multi-Family Condominium Buildings, Mt. Pleasant, South Carolina
- Investigation of Displaced Brick Masonry Chimney, Germantown, Tennessee
- Investigation of Displaced and Cracked Stone Masonry Chimney, Atlanta, Georgia
- Investigation of Alleged Deficient Construction at a Multi-Family Condominium Project, Mt. Pleasant, South Carolina
- Investigation of Alleged Deficient Construction at a Multi-Family Condominium Project, Hilton Head Island, South Carolina

Construction Administration

- Provided CA Services for Numerous ADA Accessibility Projects at Existing Educational Facilities, Nashville, Tennessee
- Provided CA Services for the Repair of Deficient Construction at Various Multi-Family Condominium complexes in Myrtle Beach, South Carolina
- Provided CA Services for the Repair of Degraded Thresholds and Deck Coatings at a Hi-Rise Condominium Building in Kingston Plantation, North Myrtle Beach, South Carolina
- Provided CA Services for the Repair of Exterior Claddings, Windows, and Doors for Hi-Rise Condominium Buildings in North Myrtle Beach, South Carolina
- Provided Design and CA Services for numerous Emergency Repair Projects at Multi-family Condominium Projects, North Myrtle Beach, South Carolina

Premises Liability

- Investigation of Trip/Fall Incident Related to Parking Stops in Myrtle Beach, South Carolina
- Investigation of Trip/Fall Incident Related to Parking Stops in St. Matthews, South Carolina
- Investigation of Slip/Fall Incident Related to Interior VCT Tile Flooring in Myrtle Beach, South Carolina
- Investigation of Vehicle Accident Scene in Conway, South Carolina
- Investigation of Trip/Fall Incident Related to Temporary Guardrails/Stairwell in Myrtle Beach, South Carolina
- Investigation of Trip/Fall Incident Related to Accessible Parking Area/Route in Seneca, South Carolina
- Investigation of Trip/Fall Incident Related to Stairs/Handrails in Hilton Head Island, South Carolina
- Investigation of Trip/Fall Incident Related to Stairs/Handrails in Spartanburg, South Carolina
- Investigation of Trip/Fall Incident Related to Sidewalk Maintenance in Savannah, Georgia
- Investigation of Slip/Fall Incident Related to In-Ground Lighting in Savannah, Georgia
- Investigation of Trip/Fall Incident Related to Curbing in Beaufort, South Carolina