



EDUCATION

- Virginia Tech
 - Bachelor of Science, Civil and Environmental Engineering, 2017
 - Master of Science, Structural Engineering, 2018

PRACTICE AREAS

- Building Enclosure Consulting
- Failure and Damage Investigation
- Repair and Rehabilitation Design
- Water/Air Leakage Assessment
- Due Diligence Surveys
- Nondestructive Evaluation

REGISTRATIONS

- Professional Engineer in VA

CONTACT

cjaconski@wje.com
703.641.4601
www.wje.com

EXPERIENCE

Cole Jaconski specializes in building enclosure consulting and provides services including condition assessment, failure investigation, architectural field testing, air/water leakage assessment, repair and rehabilitation design, design peer review, and construction period consulting. He also has expertise in structural assessment and failure investigation, including field testing and nondestructive evaluation techniques. Mr. Jaconski's design and investigation portfolio encompasses new, existing, and historically significant buildings.

REPRESENTATIVE PROJECTS

Building Enclosure Consulting

- District of Columbia Public Libraries: Condition assessments and water penetration testing of below-grade waterproofing, facade systems, and roofing; repair design and construction period services for historic and modern buildings
- Valencia Biomedical Park - Santa Clarita, CA: Exterior facade condition assessment of building portfolio, including office, laboratory, retail, manufacturing, and storage facilities
- Pure Living Apartments - Orlando, FL: Peer review and construction period consulting services for an apartment complex reclad project, including framing, stucco rain-screen, PVC roofing, aluminum windows, and patio waterproofing
- Merrick Barn - Baltimore, MD: Condition assessment and repair design of a historic mass masonry building
- German Embassy - Washington, DC: Climate monitoring and performance evaluation of various facade elements; instrumentation

Failure and Damage Investigation

- St. Dennis Apartments - Washington, D.C.: Investigation and stabilization services for failing stucco facade and structural masonry; rehabilitation design for masonry, stucco, and fenestration systems construction period services during repairs
- The Arlo - Washington, D.C.: Investigation and stabilization recommendations for historic mass masonry facade systems during building renovation

- Fisher House II - Arlington, VA: Investigation of plaster ceiling collapse and survey of existing damage conditions in all apartment units
- Richmond Crest Gate - Richmond, VA: Evaluation and repair design of steel-framed stormwater control gates

Repair and Rehabilitation Design

- St. Mary's Hospital - Richmond, VA: Design and document development of new facade system, including existing system investigation.; construction period services and consulting
- 64 University Place - New York, NY: Design review and system design of new facade on existing building and construction period services
- HHMI Guest House - Ashburn, VA: Investigation, repair design, and construction period services for cast-in-place and precast concrete facade systems
- Clougherty Pool House - Boston, MA: Investigation and repair design for structural and architectural concrete; nondestructive evaluation

Water/Air Leakage Assessment

- Sedona | Slate Apartments - Arlington, VA: Water penetration testing at various facade elements and development of repair recommendations
- Chase at Bethesda Plaza - Bethesda, MD: Investigation, testing, and repair recommendations for water penetration through outdoor plaza above parking garage