



PERSONNEL QUALIFICATIONS

Andrea DelGiudice | Senior Associate



EDUCATION

- The Catholic University of America
 - Bachelor of Science, Civil Engineering, 2007
 - Bachelor of Science, Architecture, 2007

PRACTICE AREAS

- Construction Observation Services
- Facade Assessment
- Failure Investigation
- Repair and Rehabilitation Design
- Historic Preservation
- Peer Review
- Building Enclosure Commissioning

REGISTRATIONS

- Professional Engineer in VA

PROFESSIONAL AFFILIATIONS

- ASTM International
- American Society of Civil Engineers (ASCE)
- Building Enclosure Council - Washington D.C. Chapter

CONTACT

adelgiudice@wje.com
703.641.4601
www.wje.com

EXPERIENCE

Since joining WJE in 2006, Andrea DelGiudice has gained significant experience in the evaluation and development of repair drawings and details for a variety of architectural materials, components, and systems, including glazed aluminum curtain wall, storefront, and sloped glazing assemblies, as well as aluminum wood and vinyl windows; cast stone; natural stone; clay brick and concrete masonry; precast and cast-in-place concrete; and fluid- and sheet-applied waterproofing. Ms. DelGiudice has been actively engaged in field testing for air and water penetration resistance, both in a forensic capacity and in the context of new construction, using ASTM and AAMA voluntary guide specifications and test standards, as well as high- and low-voltage electronic leak detection methods for use at new and existing roofing and waterproofing membranes and Ms. DelGiudice remains actively involved in ASTM Committee E06.55.09 - Exterior Enclosure Commissioning.

In the area of new construction, Ms. DelGiudice has provided enclosure commissioning services, building enclosure focused construction period services, and peer review services. In addition to her work on recently constructed buildings and structures, Ms. DelGiudice has also assisted with the development of drawings and details for a wide range of historically significant buildings and structures in Washington, D.C., Philadelphia, Baltimore, and Richmond, Virginia.

REPRESENTATIVE PROJECTS

Construction Observation Services

- YMCA and Multifamily Residential Housing Complex - Washington, D.C.: Building envelope consulting services during construction
- Inova Fairfax Hospital Campus - VA: Building enclosure consulting services during construction
- National Public Radio Building - Washington, D.C.: Full mechanical stabilization of travertine panel exterior cladding

Facade Assessment

- Human Rights Building - Washington, D.C.: Roof leakage investigation
- Inova Heart and Vascular Institute - Fairfax, VA: Curtain wall, punched opening, and healing garden expansion joint leakage investigation

Repair and Rehabilitation Design

- Homer Building Skylight - Washington, D.C.: Design documents for complete re-glazing of the approximately 4,900-square-foot pyramidal skylight and client and contractor interface throughout the process
- Inova Original Building - Fairfax, VA: Repair documents for full through-wall flashing repairs; window and curtain wall reseal; full mechanical stabilization of brick veneer at the facade

Historic Preservation

- Harbour Square Historic Townhomes - Washington, D.C.: Facade restoration and window replacement at what are believed to be three of the oldest residences in the District of Columbia
- Saint Elizabeths Campus Adaptive Reuse for DHS - Washington, D.C.: Development of drawings and details for rehabilitation and reuse of the historic Saint Elizabeths Campus

Peer Review

- Catholic University South Campus Redevelopment - Washington, D.C.: Enclosure-focused design review and assistance with drawings and specifications for multifamily residential housing, retail, and artist multiuse studios
- Landmark Gateway Phases I and II - Alexandria, VA: Enclosure-focused design review for multifamily residential housing with first-floor retail space

Building Enclosure Commissioning

- National Geospatial-Intelligence Agency, New Campus East - Fort Belvoir, VA: Construction period services for precast curtain wall and metal panel facades