



## PERSONNEL QUALIFICATIONS

### Dana L. Landis | Associate III



#### EDUCATION

- Drexel University
  - Bachelor of Science, Architectural Engineering, Structural Concentration, 2010

#### PRACTICE AREAS

- Facade Assessment
- Building Science
- Construction Observation Services
- Building Enclosure Commissioning
- Repair and Rehabilitation Design
- Leakage Investigation

#### REGISTRATIONS

- Professional Engineer in Pennsylvania

#### PROFESSIONAL AFFILIATIONS

- Architectural Engineering Institute (AEI)
- American Society of Civil Engineers (ASCE)
- Building Enclosure Council (BEC) - Philadelphia chapter

#### CONTACT

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#### EXPERIENCE

Since joining WJE full time in 2010, Dana Landis' project work has included facade assessments, building enclosure commissioning and peer review services, and hydrothermal analysis of various facade systems. She also works in the development of repair and rehabilitation documents, conducts water leakage investigations, and provides construction observation services.

Ms. Landis has experience with a variety of new and existing construction types, including commercial, low- and high-rise residential, university, medical, and pharmaceutical. She regularly performs evaluations of masonry, terra cotta, limestone, concrete, EIFS, metal panel, and glass facades.

#### REPRESENTATIVE PROJECTS

##### Facade Assessment

- Lafayette Building - Philadelphia, PA: Historic brick masonry, terra cotta, and limestone cladding
- 1601 Locust - Philadelphia, PA: Historic limestone cladding
- Reading Hospital - Reading, PA: Thermal analysis
- Abington Memorial Hospital - Abington, PA: Thermal analysis
- York Hospital - York, PA: Infrared inspection of existing roof

##### Construction Observation Services

- Nemours Alfred I. duPont Hospital for Children - Wilmington, DE: Unitized curtain wall, metal panel cladding, roofing, and waterproofing
- Children's Hospital of Philadelphia - PA: Roofing and waterproofing
- Hospital of the University of Pennsylvania - Philadelphia, PA: Unitized curtain wall, prefabricated metal panels, louvers, and roofing
- Bayhealth Medical Center - Dover, DE: Air and vapor barriers, flashings, waterproofing, brick masonry, metal panel, curtain wall, skylight, and expansion joints; design assistance
- Great Wolf Lodge - Scotrun, PA: Natatorium

##### Building Enclosure Commissioning

- Celgene Office Building - Summit, NJ: Prefabricated brick and metal panels, curtain wall, skylights, and roofing
- Geisinger GMC Lab - Danville, PA: Brick, metal panel, curtain wall, storefront, roofing, and expansion joints

##### Repair and Rehabilitation Design

- Radisson Blu Warwick Hotel - Philadelphia, PA: Historic brick, terra cotta, and limestone cladding
- 900 Biscayne Boulevard - Miami, FL: Metal panel overclad
- 1619 Walnut Street - Philadelphia, PA: Brick masonry
- Erdenheim Elementary School - Flourtown, PA: Masonry, flashing, and waterproofing

##### Leakage Investigation

- Symphony House - Philadelphia, PA: Precast concrete, terrace waterproofing, and curtain wall
- Drexel University - Philadelphia, PA: Numerous building and cladding types
- University Medical Center of Princeton at Plainsboro - NJ: Punched windows
- 3711 Market Street - Philadelphia, PA: Insulated metal panel and green roofing systems
- 777 South Broad Street - Philadelphia, PA: Brick masonry, TPO roofing, ACM panel systems, and curtain wall