



#### EDUCATION

- Lehigh University
  - Bachelor of Science, Civil Engineering, 2012
  - Master of Engineering, Structural Engineering, 2013

#### PRACTICE AREAS

- Construction Troubleshooting
- Repair and Rehabilitation
- Facade Assessment
- Water/Air Leakage Assessment

#### REGISTRATIONS

- Professional Engineer in VA

#### PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers (ASCE), National Capital Section Young Members Board
- Structural Engineers Association of Metropolitan Washington (SEA-MW), Young Members Group Board
- Washington Building Congress (WBC)

#### CONTACT

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#### EXPERIENCE

Kelsey Sheridan joined the Washington, D.C. office as a full-time associate in 2013. She has gained extensive experience on a broad range of projects relating to construction observation, field quality assurance, condition surveys, and evaluation of new and existing structures. Ms. Sheridan has also 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.

#### REPRESENTATIVE PROJECTS

##### Construction Troubleshooting

- Landmark Gateway - Alexandria, VA: On-site observation and quality assurance of building envelope, including brick masonry and modified bitumen roofing
- Twinbrook Station - Rockville, MD: On-site observation and quality assurance of building envelope, including brick masonry, aluminum window assemblies, metal panels and Thermoplastic polyolefin (TPO) single-ply roofing membrane
- Harbour Square Historic Townhomes - Washington, D.C.: On-site observation, quality assurance, and testing of aluminum-framed window replacement

##### Repair and Rehabilitation

- Washington National Cathedral - Washington, D.C.: Post-earthquake facade assessment, development of repair documents, and on-site quality assurance of repairs
- 11320 Random Hills Garage - Fairfax, VA: Condition assessment and development of repair documents for below-grade concrete garage repairs
- Vantage at Merrifield - VA: Condition survey and development of repair documents for post-tension concrete balconies
- 7799 Leesburg Pike - Fairfax, VA: Evaluation and design of supplemental steel anchors for precast panel facade elements

##### Facade Assessment

- Hotel Monaco - Washington, D.C.: Engineering services and observations of marble facade repairs
- Draper Elementary School - Washington, D.C.: Condition assessment of composite concrete masonry unit and brick masonry facade

##### Water/Air Leakage Investigation

- 3333 Wisconsin Avenue - Washington, D.C.: Window and facade leakage investigation, development of repair documents, and on-site quality assurance of repairs
- Jefferson at Inigos Crossing - North Bethesda, MD: Precast wall panel leakage investigation and development of repair documents
- Preston Condominium - Alexandria, VA: Brick masonry facade leakage investigation, development of repair documents, and on-site quality assurance of repairs
- Loudoun County Department of Information - Leesburg, VA: Brick masonry facade leakage investigation and development of repair documents