



#### EDUCATION

- Georgia Institute of Technology
  - Bachelor of Science, Architecture, 2011

#### PRACTICE AREAS

- Repair and Rehabilitation
- Roofing and Waterproofing
- Facade Assessment
- Construction Troubleshooting
- Historic Preservation
- Water/Air Leakage Assessment

#### PROFESSIONAL AFFILIATIONS

- American Institute of Architects
- Building Enclosure Council - Washington, D.C.

#### CONTACT

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#### EXPERIENCE

Since joining WJE in 2012, John "Jack" Nuttmann has been involved in a wide variety of projects including facade failure investigation and condition assessment, roofing and waterproofing consulting, construction period services, and repair document development for new and historically significant buildings and structures. Mr. Nuttmann has also been actively engaged in field testing for air and water penetration resistance, both in forensic capacity and in the context of new construction, using ASTM and AAMA voluntary guide specifications and test standards.

#### REPRESENTATIVE PROJECTS

##### Repair and Rehabilitation

- Somerset House II - Chevy Chase, MD: Balcony handrail, concrete, and waterproofing replacement consulting and construction period services
- Elizabeth Condominiums - Chevy Chase, MD: Window and door replacement conceptual design, preparation of repair contract documents, consulting on building envelope, and observations during repairs
- Sherwood Building - Arlington, VA: Window and door replacement consulting, preparation of repair documents, and construction observations

##### Roofing and Waterproofing

- National Geographic Society - Washington, D.C.: Preparation of repair contract documents for modified bitumen low-slope roof membrane replacement and construction period services
- Sherwood Building - Arlington, VA: Design of waterproofing and roofing repairs for building penthouse; construction troubleshooting

##### Facade Assessment

- Hart Senate Office Building - Washington, D.C.: Facade survey and investigation of marble and limestone facade
- Rayburn House Office Building - Washington, D.C.: Facade survey and investigation of marble and limestone facade and decorative elements

##### Construction Troubleshooting

- GWU Square 77 - Washington, D.C.: On-site quality assurance and observations for fluid-applied air barrier
- Hampden Row - Bethesda, MD: On-site quality assurance and observations with air barrier, roofing, and brick masonry assemblies; field testing observation of window and door assemblies
- Paramount at Watkins Mill - Gaithersburg, MD: On-site quality assurance, construction observations; consulting on building envelope, including brick masonry, thermoplastic reinforced roofing membrane, and hot fluid-applied asphalt waterproofing
- Spring Hill Station - McLean, VA: Building envelope consulting services during construction, including brick masonry, hot fluid-applied rubberized asphalt roofing, and glazed aluminum window assemblies
- Petworth Residences - Washington, D.C.: Construction and field testing observations of building envelope installation during construction, including vinyl window assemblies, EIFS, and fiber cement siding

##### Historic Preservation

- Senate Underground Garage and Plaza - Washington, D.C.: Historic investigation and documentation of existing structural and architectural components; development of repair documents
- Wardman Tower - Washington, D.C.: Facade survey and investigation of water infiltration through historic mass masonry wall; consulting services during remedial work

##### Water/Air Leakage Assessment

- W Hotel - Washington, D.C.: Water leakage investigation
- Halcyon House - Washington, D.C.: Investigation of uncontrolled water penetration at below-grade conditioned spaces
- Shirlington House - Arlington, VA: Evaluation of existing window assemblies for uncontrolled water penetration