PERSONNEL QUALIFICATIONS

Jean J. Wu | Associate Principal and Unit Manager

EDUCATION

- University of Illinois at Urbana-Champaign
  - Bachelor of Science, Architecture, 2000
  - Master of Architecture, Structures Option, 2003

PRACTICE AREAS

- Construction Observation
- Exterior Envelope Consulting
- Facade Assessment
- Historic Preservation
- Leakage Investigation
- Roofing and Waterproofing
- Repair and Rehabilitation Design

REGISTRATIONS

- Architect in IL

PROFESSIONAL AFFILIATIONS

- ASTM International

TECHNICAL COMMITTEES

- ASTM C24.10 - Specifications, Guides, and Practices
- ASTM C24.61 - Aerosol Foam Sealants
- ASTM E06.51 - Performance of Windows, Doors, Skylights, and Curtain Walls
- ASTM E06.55 - Performance of Building Enclosures

CONTACT

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EXPERIENCE

Jean Wu has extensive experience in exterior envelope consulting services for new construction projects, focusing on interface detailing, water penetration, air infiltration, and condensation issues related to the exterior facade elements such as air barriers, windows, curtain walls, masonry veneer wall system, metal panels, EIFS, precast concrete panels, and roofing systems.

Ms. Wu has been involved in numerous mid-rise and high-rise building facade assessment and investigation projects involving brick masonry walls, EIFS, reinforced concrete structures, terra cotta building facades, windows, curtain walls, adhered masonry veneer, insulated metal panels, and high-rise thin-stone cladding veneer construction. These investigative projects frequently involve field water testing of exterior building components, followed by repair design and construction document preparation.

REPRESENTATIVE PROJECTS

Exterior Envelope Consulting

- University of Pittsburgh, Fifth Avenue Freshman Housing - PA: Exterior envelope design review
- Washington University in St. Louis, Olin Business School Expansion - MO: Exterior envelope design review
- Boeing Building 245 Expansion - St. Louis, MO: Exterior envelope design review and construction observation services
- Southeast Louisiana Veterans Health Care System, Replacement Medical Center - New Orleans, LA: Exterior envelope design review, quality control testing, and construction observation services
- Mount Carmel East Hospital Expansion - Columbus, OH: Exterior envelope design review, onsite mock-up review, and construction observation services
- Krause Gateway Center - Des Moines, IA: Exterior envelope design review and construction observation services
- Northwestern University, 560 Lincoln Street Student Housing - Evanston, IL: Exterior envelope design review, onsite mock-up review, and construction observation services
- Mercy Hospital Northwest Arkansas - Rogers: Exterior envelope design review and construction observation services
- Omaha VA Ambulatory Care Center - NE: Exterior envelope design review and construction observation services
- National Bio and Agro-Defense Facility - Manhattan, KS: Exterior envelope design review, on-site mock-up review, quality control testing, and construction observation
- Kansas City Airport New Terminal - MO: Exterior envelope design review and construction observation services

Facade Assessment

- 980 North Michigan (One Magnificent Mile) Building - Chicago, IL: Investigation and documentation of thin granite veneer system
- OSF Healthcare Saint Francis Medical Center - Peoria, IL: Facade assessment and repair design of multiple hospital buildings

Leakage Investigation

- U.S. Environmental Protection Agency Research Facilities - Research Triangle Park, NC: Leakage investigation, field water testing, and repair design
- William P. Hobby Airport - Houston, TX: Leakage investigation, field water testing, and repair design
- OSF Healthcare St. Joseph Medical Center - Bloomington, IL: Leakage investigation, field water testing, repair design, and construction period services
- Northwestern University, Arthur Rubloff Building - Chicago, IL: Leakage investigation, field water testing, repair design, and construction period services

Repair and Rehabilitation Design

- 199 E. Lake Shore Drive Building - Chicago, IL: Terra cotta facade repair design, construction documents, and construction period services
- Federal Reserve Bank of Chicago Building - IL: Penthouse reclad design and roof replacement, construction documents, and construction period services
- Bassett Hospital Complex - Cooperstown, NY: Window replacement design, masonry parapet repair design, roof replacement design, construction documents, and construction period services
- Mercy Hospital Edmond I-35 - Edmond, OK: Adhered stone masonry veneer failure investigation, repair design, mock-up testing, and construction period services