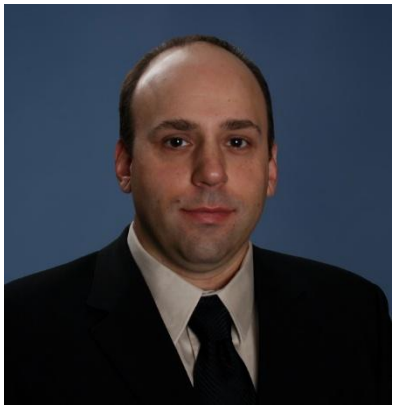
PERSONNEL QUALIFICATIONS

Daniel A. Gach | Associate Principal



EDUCATION

- University of Illinois at Urbana-Champaign
  - Bachelor of Science in Architectural Studies, 1998
  - Master of Architecture, 2000

PRACTICE AREAS

- Curtain Wall Systems
- Difficult Access Inspections
- Facade Assessment
- Glass Breakage Investigation
- Leakage Investigation
- Water Penetration Testing

REGISTRATIONS

- Architect in CO and IL
- National Council of Architectural Registration Boards Certificate
- Society of Professional Rope Access Technicians – Level 3 Supervisor

PROFESSIONAL AFFILIATIONS

- Building Enclosure Council - Colorado Chapter

CONTACT

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EXPERIENCE

Daniel Gach specializes in facade assessment and investigations. He performs field investigations and condition surveys to investigate the causes of deterioration, water leakage, and air infiltration in various building types using standardized test methods. Mr. Gach also prepares repair documents and provides construction phase services for a variety of projects containing different materials, including brick masonry, terra cotta, stone, concrete, stucco, EIFS, metal, and glass.

Mr. Gach consults on building envelopes of residential, commercial, and civic projects, using knowledge and experience gained from investigating system failures. As a senior member of WJE's Difficult Access Team, he has assisted in developing internal standards for conducting inspections via industrial rope access techniques.

REPRESENTATIVE PROJECTS

Curtain Wall Systems

- Sears Tower (now Willis Tower) - Chicago, IL: In situ testing of applied window film
- Soldier Field - Chicago, IL: Investigation of staining of glass curtain wall
- Sprint Center - Kansas City, MO: Third-party review of curtain wall

Difficult Access Inspections

- Colorado State Capitol - Denver: Condition assessment of cast iron dome
- Eisenhower Executive Office Building - Washington, D.C.: Facade inspection of granite exterior
- Washington Monument - Washington, D.C.: Condition assessment of postseismic damage using industrial rope access techniques and repair recommendations

Facade Assessment

- 1999 Broadway - Denver, CO: Condition assessment of stone and glass facade
- Granite Tower Building - Denver, CO: Condition assessment of aluminum and glass curtain wall
- Tribune Tower - Chicago, IL: Facade inspection of limestone exterior

Glass Breakage Investigation

- CNA Plaza (now CNA Center) - Chicago, IL: Investigation of glass breakage and development of repair at building's south tower
- Richard J. Daley Center - Chicago, IL: Investigation of glass breakage and repair recommendations

Leakage Investigation

- Green Mountain High School - Lakewood, CO: Investigation of water leakage and development of repairs
- Hertz Administration Building - Oklahoma City, OK: Investigation of leakage of curtain wall
- One Denver Highlands - Denver, CO: Investigation of water leakage and development of repairs

Water Penetration Testing

- 1600 Glenarm Place - Denver, CO: Water infiltration testing
- Northwestern University, Kresge Hall - Evanston, IL: Air and water infiltration tests at addition
- Platte Valley Medical Center - Brighton, CO: Water infiltration testing