

Andrew Bishop | Senior Associate



EXPERIENCE

Andrew Bishop specializes in the design, assessment, and repair of exterior envelopes with an emphasis on curtain wall and fenestration systems. Mr. Bishop's focus ranges from evaluating design ideas for new construction, to identifying the cause of failures and designing solutions for rehabilitation. Project services include efficient and targeted peer reviews to complete design and quality assurance (QA) services for new or existing structures.

Prior to joining WJE, Mr. Bishop was a graduate teaching fellow at the University of Oregon, specializing in building envelopes. His analytical and research background makes him ideal for investigating and understanding complex problems. Mr. Bishop's previous employment with distinguished design firms gives him an ability to balance aesthetic, cost, schedule, and technical concerns.

REPRESENTATIVE PROJECTS

Windows and Curtain Walls

- NEMA (10th and Market Streets) - San Francisco, CA: New construction consulting and QA services for imported custom curtain wall for luxury condominium towers
- 450 N Street - Sacramento, CA: Energy use evaluation of replacement of spandrel glass
- 1400 Mission Street - San Francisco, CA: New construction consulting and QA services for imported custom curtain wall for affordable family housing
- One Ala Moana Tower - Honolulu, HI: Curtain wall, roof deck, and waterproofing design for residential tower
- The Pacific Condominiums - San Francisco, CA: QA services for custom and stock window wall systems
- Park Lane Ala Moana - Honolulu, HI: New construction consulting and QA services for custom window wall, waterproofing, and other cladding systems
- State of Alaska Library Archives Museum - Juneau, AK: Cold weather curtain wall design services included THERM and hygrothermal modeling

Facade Assessment

- 1 Rincon Hill - San Francisco, CA: Prepurchase investigation of curtain wall
- 6750 Dumbarton Circle - Fremont, CA: Prepurchase investigation of precast concrete and ribbon windows
- City Limits Condominiums - Emeryville, CA: Litigation support for waterproofing failures
- First International Financial Centre - Mumbai, India: Investigation of thermal cycling of curtain wall cladding
- Los Angeles County Hall of Justice - CA: Assessment and documentation of historic window systems
- University of California, Berkeley, Stephens Hall - CA: Window survey to prioritize repair and maintenance

Repair and Rehabilitation

- 770 L Street - Sacramento, CA: Leakage investigation, repair design, QA services, and contract administration
- 2140 Shattuck Avenue - Berkeley, CA: Assessment, repair design, and repair observation of historic windows
- Cigna Recladding - Hartford, CT: Development of rehabilitation and recladding options for historic curtain wall
- Douglas Island State Office Building - Juneau, AK: Consulting and QA services for recladding occupied office building using high-performance unitized curtain wall
- Hilton Hotel - San Francisco, CA: Finite element modeling and evaluation of window replacement and ventilation
- University of California, Berkeley, O'Brien Hall - CA: Evaluation and repair of historic curtain wall

Roofing and Waterproofing

- 246 2nd Street - San Francisco, CA: Evaluation, repair design, and construction administration for high-rise condominiums
- Capri Creek Apartments - Petaluma, CA: Expert witness regarding hygrothermal performance
- The Carlisle - San Francisco, CA: Mansard removal and reroofing
- NoHo Lofts - North Hollywood, CA: Litigation support, repair design, and contract administration

EDUCATION

- University of Cincinnati
 - Bachelor of Science, Architecture, 2008
- University of Oregon
 - Master of Architecture, 2011

PRACTICE AREAS

- Windows and Curtain Walls
- Facade Assessment
- Repair and Rehabilitation
- Roofing and Waterproofing

REGISTRATIONS

- Architect in CA
- LEED Accredited Professional
- Certified Construction Documents Technologist

PROFESSIONAL AFFILIATIONS

- Building Enclosure Council of San Francisco

CONTACT

abishop@wje.com
510.428.2907
www.wje.com