

### Mark R. Morden | Associate Principal



#### EDUCATION

- University of Oregon, Eugene
  - Bachelor of Architecture, 1980

#### PRACTICE AREAS

- Facade Assessment
- Historic Preservation
- Repair and Rehabilitation Design
- Litigation Consulting
- Masonry Deterioration
- Terra Cotta Assessment
- EIFS and Stucco Systems

#### REGISTRATIONS

- Architect in IL and WA
- National Council of Architectural Registration Boards (NCARB)
- Certified Construction Specifier

#### PROFESSIONAL AFFILIATIONS

- American Institute of Architects
- Association for Preservation Technology International
- Construction Specifications Institute

#### CONTACT

mmorden@wje.com  
206.622.1441  
www.wje.com

#### EXPERIENCE

Mark Morden has conducted more than five hundred investigations of deteriorated and distressed structures, including historic and contemporary buildings. His investigations typically involve building envelope systems (cladding and roofing). Mr. Morden has special expertise in the construction and performance of masonry (terra cotta, brick, stone, concrete masonry, tile); exterior insulated finish system (EIFS); stucco; window and curtain wall systems; sealants; and general waterproofing systems. He uses difficult access techniques to closely inspect exterior building conditions. Mr. Morden is experienced at translating investigation findings and recommendations into remediation documents. He designs innovative solutions to complex problems, develops repair details, and authors technical specifications.

Mr. Morden is the author of several articles and papers on preservation and construction technology. His work has appeared in national publications and ASTM International technical publications. He has also given technical presentations at several national preservation conferences.

#### REPRESENTATIVE PROJECTS

##### Facade Assessment

- The Downtowner - Seattle, WA: Cladding condition survey and development of repair documents, including drawings and technical specifications
- The Westin Building - Seattle, WA: Marble cladding condition survey and leakage investigation, repair documents, and construction observation

##### Historic Preservation

- Washington State Legislative Building - Olympia: Condition assessment and earthquake damage investigation of stone
- King Street Station - Seattle, WA: Condition assessment of various masonry materials, masonry cleaning studies, and restoration of compass room entry lobby

##### Repair and Rehabilitation Design

- Exchange Building - Seattle, WA: Cast stone condition survey, cladding repair development, and construction documents and observation
- University of Washington, Savery Hall - Seattle: Condition assessment of historic terra cotta and masonry cladding, repair documents, and construction observation

##### Litigation Consulting

- Major Retail Mall Rooftop Parking Waterproofing - Tukwila, WA: Plaintiff expert, determination of coating failure, development of repair documents, and litigation support for building owner
- Centric Building - Portland, OR: Defense expert and investigation of alleged defective stucco cladding on behalf of general contractor, and mediation participation
- Winery Facility - Dundee, OR: Plaintiff expert and investigation of failed stucco cladding and construction defects

##### Masonry Deterioration

- Swedish Health, Cherry Hill East Tower - Seattle, WA: Facade and masonry repair design services, field investigation, repair detail and technical specification development, and construction observation
- Plaza Yarrow Bay - Kirkland, WA: Water leakage investigation and building cladding repair documents

##### Terra Cotta Assessment

- Arctic Building Walrus Heads - Seattle, WA: Failure investigation of terra cotta walrus heads and development of repair and rehabilitation documents
- Franklin High School - Seattle, WA: Failure investigation of terra cotta cornice, condition assessment, and construction documents and observation

##### EIFS and Stucco Systems

- Group Health Everett - WA: Recladding study, recladding design, construction documents and construction observation
- North Seattle Residence - Shoreline, WA: Design of stucco repairs and integration of new stucco with historic cladding