



## PERSONNEL QUALIFICATIONS

### Fergus C. McCallan | Specialist



#### PRACTICE AREAS

- Building Envelope Assessment
- Computer-Aided Drafting
- Construction Observation
- Nondestructive Evaluation
- Parking Structures
- Water Penetration Testing
- Reinforced Concrete Structures
- Roofing and Waterproofing
- Windows and Curtain Walls

#### REGISTRATIONS

- ACI Certified Concrete Field Testing - Grade I

#### PROFESSIONAL AFFILIATIONS

- American Concrete Institute

#### CONTACT

fmccallan@wje.com  
312.372.0555  
www.wje.com

#### EXPERIENCE

Fergus McCallan joined WJE in 1997 and has been involved in a variety of field projects investigating concrete, steel, glass, brick, mortar, stone, terra cotta, and roofing materials. He has performed a variety of field tests that include performance testing of curtain walls and window systems, water leakage investigation, half-cell measurement testing, and structural integrity testing of parking garages.

Assignments have included historic structures, high-rise residential and office buildings, multilevel parking structures, institutions, and single-family dwellings. Mr. McCallan's additional experience includes quality control inspections, preparation of construction documents, field observations during the construction phase, and investigation of building facades and exterior wall systems.

#### REPRESENTATIVE PROJECTS

##### Building Envelope Assessment

- 900 North Michigan Avenue Building - Chicago, IL: Facade inspection for city ordinance
- 55 West Wacker Drive - Chicago, IL: Facade investigation and CAD support for facade investigation
- Book Cadillac Hotel - Chicago, IL: Facade inspection
- 1355 and 1360 North Sandburg Terrace - Chicago, IL: Concrete facade inspection and site observation
- 65 East Goethe - Chicago, IL: Facade inspection and water testing

##### Computer-Aided Drafting

- Two East Oak Condominium Association - Chicago, IL: CAD support for facade repairs

##### Nondestructive Evaluation

- New York City School Construction - NY: Metal detection survey

##### Parking Structures

- Randolph Place Parking Garage - Chicago, IL: Investigation, preparation of repair documents, and construction observation for repair of concrete garage slabs for garage repairs
- Dallas Galleria and Park West - Dallas, TX: Due diligence property inspections of parking garages
- John Hancock Center Parking Garage Helix Ramp - Chicago, IL: Investigation and site observations

##### Water Penetration Testing

- Lowell House - Chicago, IL: Window and wall water testing
- Oak Park Public Library - Oak Park, IL: Water leakage investigation
- The Ambassador - Chicago, IL: Window quality assurance water testing