



#### EDUCATION

- Orange County Community College
  - Associate of Applied Science, Architectural Technology, 1986
- New York Institute of Technology
  - Bachelor of Architecture, 1991

#### PRACTICE AREAS

- Code Compliance Review
- Facade Assessment
- Failure Investigation
- Leakage Investigation
- Prepurchase Surveys
- Repair and Rehabilitation Design
- Roofing and Waterproofing
- Windows and Curtain Wall Systems

#### REGISTRATIONS

- Architect in NJ and NY

#### PROFESSIONAL AFFILIATIONS

- Association for Preservation Technology International (APT)
- ASTM International (ASTM)
- RCI, Inc.

#### TECHNICAL COMMITTEES

- ASTM E06.55 - Exterior Wall Systems
- ASTM E06.55.05 - Facade Inspections, chair

#### CONTACT

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#### EXPERIENCE

Since joining WJE in 1999, Michael Petermann has surveyed more than three hundred structures involving a wide variety of failures of numerous building components and materials. His involvement as a project manager has ranged from diagnosis of failures to administration of repairs including the design and evaluation of repair options, cost analysis, bid procurement, cost negotiations with prequalified contractors, material preorder agreements, and contract administration. Other consulting services have included expert testimony and due diligence studies for clients purchasing property. Mr. Petermann has also written several articles on building facades and is active in promulgating standards for periodic inspection of building facades for unsafe conditions.

#### REPRESENTATIVE PROJECTS

##### Facade Assessment

- Empire State Plaza - Albany, NY: Investigation and assessment of 125,000 marble panels on nine buildings
- Gracie Towers - New York, NY: Local investigation; repair design and construction administration of a twenty-story apartment building

##### Failure Investigation

- 31–11 Thomson Avenue - Queens, NY: Investigation of cracked concrete structure and displaced brick veneer
- Dubai Chamber of Commerce & Industry - Dubai, United Arab Emirates: Basement water leakage investigation and assessment of concrete deterioration

##### Prepurchase Surveys

- Chrysler Building - New York, NY: Review of building facades, roofs, and past repair projects
- 527 Madison Avenue - New York, NY: Review of building facades and roof systems

##### Repair and Rehabilitation Design

- Trump Village Section 3 - Brooklyn, NY: Design and construction administration of new aluminum fascia cladding on three buildings
- The Sovereign - New York, NY: Design and construction administration of new roofs and terraces; parking garage repair

##### Windows and Curtain Wall Systems

- The Wellington - New York, NY: Design and construction administration of new window systems and terrace doors at thirty-story apartment building
- Vietnam Memorial at Empire State Plaza - Albany, NY: Master design and construction administration of new six-inch-thick granite cladding