



PERSONNEL QUALIFICATIONS

Michael A. Petermann | Principal



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

- ASTM International (ASTM)
- Association for Preservation Technology International (APT)
- Roof Consultants Institute (RCI)

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. He 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