



Restoration Engineering

Regulatory Compliance Support + Existing Building Restoration

WGI helps owners evaluate, repair, and extend the service life of existing buildings and structures through practical assessment, design, and construction-phase solutions.

We support clients across the following sectors:

- Commercial
- Government + Municipal
- Healthcare
- Higher Education
- Hospitality
- Institutional
- Residential
- Transportation + Airports



National Coverage



Multidisciplinary Team



Assessment Through Construction



Compliance Support

Services Offered

Regulatory + Compliance

- NYC FISP / Local Law 11 facade inspections and reporting by QEWI-qualified professionals
- NYC Local Law 126 parking structure inspections and reporting by QPSI-qualified professionals
- Miami-Dade and Broward building recertification and building safety inspections
- Florida milestone inspections for qualifying buildings
- Florida SIRS technical condition input and reserve-component support
- Repair prioritization, budget planning, and post-inspection compliance support

Condition Assessment + Forensics

- Building enclosure and facade condition surveys
- Structural assessments, distress investigations, and forensic engineering
- Water intrusion and leak investigations, including water testing
- Roof surveys, thermography, moisture mapping, and leak diagnostics
- Fenestration, glazing, curtain wall, sealant, and window-system reviews
- Concrete, masonry, corrosion, cracking, and delamination surveys

Restoration + Rehabilitation

- Repair drawings and specifications for facades, balconies, plazas, parking structures, and roofs
- Concrete repair, corrosion mitigation, masonry and terra cotta repair, and protective coatings
- Structural strengthening, adaptive reuse, shoring, and stabilization support
- Roofing, waterproofing, traffic coatings, expansion joints, sealants, and drainage replacement
- Bid support, phasing, construction administration, and field observation
- Special inspection and threshold support where required

Complementary WGI Building Services

- Structural engineering, strengthening, and adaptive-reuse support
- Mechanical, electrical, plumbing, and drainage-system evaluations
- Fire protection, life-safety, and code-compliance services
- Architectural, accessibility, and interior rehabilitation design
- Civil, site, utility, and stormwater engineering



WHY WGI?

Do you need help evaluating, repairing, maintaining, or extending the service life of an existing building or structure?

WGI combines restoration, structural, enclosure, architectural, and specialty-building expertise to help owners make informed decisions. Our team develops repair strategies that respond to observed conditions, operational priorities, budget constraints, regulatory requirements, and construction phasing.



Building Plaza Restoration

Our Process



Communicate

Work closely with the owner to identify priorities, schedule, budget, and project goals.



Evaluate

Perform focused field observations, testing, and document review to define existing conditions.



Design

Prepare drawings, details, specification, and bid documents that clearly communicate the work.



Construct

Support bidding, contractor coordination, construction observation, and project closeout.



Maintain

Develop routine and preventive maintenance plans to extend the asset's service life.

The assessment and rehabilitation of existing buildings require focused expertise and a coordinated team. WGI evaluates a wide range of assets, including building enclosures and facades, roofs, balconies, plazas, parking structures, pedestrian areas, and waterfront or coastal facilities.

We provide one coordinated path from investigation and compliance through repair, design, and construction.



Restoration During Construction vs. Final Product

LET'S TALK



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Regulatory compliance, assessment, repair, design, and construction support for existing buildings nationwide.

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