

Dziugas Reneckis | Associate Principal



EDUCATION

- University of Illinois at Urbana-Champaign
 - Bachelor of Science, Civil Engineering, 2002
 - Master of Science, Structural Engineering, 2003
 - Doctor of Philosophy, Civil Engineering, 2009

PRACTICE AREAS

- Repair and Rehabilitation Design
- Structural Evaluation
- Curtain Wall Systems
- Facade Recladding Design
- Structural Analysis/Computer Modeling
- Research and Testing

REGISTRATIONS

- ICC Certified Structural Steel and Bolting Special Inspector
- ICC Certified Structural Welding Special Inspector
- Institution of Structural Engineers Chartered Member (MIStructE) in UK
- New York City Department of Buildings - Qualified Exterior Wall Inspector
- Professional Engineer in IL, NJ, and NY
- Structural Engineer in IL

CONTACT

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EXPERIENCE

Dziugas Reneckis performs field investigations, condition surveys, construction period services, and special inspections on numerous buildings. He has completed investigations and analyses involving steel frame, masonry, wood, and reinforced concrete structures. Additionally, Dr. Reneckis has provided structural services associated with the renovation of building facades and interiors. Before joining WJE, he concentrated on the design of special structures in glass and steel, as well as facade engineering.

As an undergraduate at the University of Illinois at Urbana-Champaign, Dr. Reneckis completed concentrations in both structural and geotechnical engineering and continued to study structural engineering while completing his master's and doctoral degrees, with a focus on earthquake engineering.

REPRESENTATIVE PROJECTS

Repair and Rehabilitation Design

- The Dakota - New York, NY: Investigation, as well as design and inspection of alterations to loadbearing brick masonry walls
- 1 Sutton Place South - New York, NY: Structural design of access tunnel, retaining walls, and boundary at rear garden
- New York Life Building - NY: Structural design of alterations for executive office, amenity spaces, and rooftop terrace
- Hampton Inn - Garden City, NY: Structural investigation and repairs of deteriorated wood-framed trusses and building structure
- 1009 5th Avenue - New York, NY: Retaining wall restoration and repairs
- 417 5th Avenue - New York, NY: Building interior alterations and storefront replacement
- Old Republic Building - Chicago, IL: Evaluation and design of terra cotta cornice repairs and reconstruction *

Structural Evaluation

- Verizon Facility - Linden, NJ: Timber truss investigations, review, and retrofit design
- Vassar Brothers Medical Center - Poughkeepsie, NY: Building structural conditions evaluation

Curtain Wall Systems

- Hudson Yards Retail Podium - New York, NY: Contractor support services and structural design of rainscreen cladding supports
- Hudson Yards, Culture Shed - New York, NY: Facade engineering and structural design of cable net walls *
- City Point - Brooklyn, NY: Contractor support and structural design of unitized facade panels *
- Nova, Victoria - London, England: Facade engineering consulting for new buildings *

Facade Recladding Design

- Nomad Tower at 1250 Broadway - New York, NY: Facade engineering for exterior wall alterations
- A.J. Celebrezze Federal Building - Cleveland, OH: Structural design of blast-resistant double-wall facade support frame *

Structural Analysis/Computer Modeling

- Union Station - Toronto, ON: Contractor support and structural design of steel frame and glass atria over pedestrian walkways *
- TILT - Chicago, IL: Structural analysis and design of glazed steel frame adventure ride *
- Hazza Bin Zayed Stadium - Al Ain, Abu Dhabi, UAE: Facade engineering and structural design of steel-framed diagrid to support fiber reinforced concrete panels *

Research and Testing

- Seismic Performance of Anchored Brick Veneer - Urbana, IL *
- Seismic Response of Reinforced Concrete Pile-Wharf Deck Connections - Urbana, IL *

* Indicates with previous firm

AWARDS

- The Masonry Society (TMS) Outstanding Dissertation Award, 2011
- TMS Journal Outstanding Paper Award at the 10th North American Masonry Conference, 2007
- Alan H. Yorkdale Memorial Award by ASTM Committee C15, 2006

PROFESSIONAL AFFILIATIONS

- Institution of Structural Engineers
- Structural Engineers Association of New York