

Arthur J. Alzamora, Jr., PE, LEED AP

**Senior Associate
Geotechnical Engineering**



13 years in the industry

Mr. Alzamora is a geotechnical engineer whose practice involves subsurface investigations and testing, design of excavation support, secant wall design, foundation design, rock excavation, pre-construction conditions survey and inspection. His services have included construction monitoring and inspection, pile load testing, pile driving inspection, sub-grade and footing inspection, evaluation of laboratory analytical data and preparation of geotechnical reports. Mr. Alzamora has also served as an adjunct faculty member for the civil engineering department at Manhattan College.

In 2016, Mr. Alzamora was named one of ENR New York's Top 20 Under 40.

Selected Projects

K-12 AND UNIVERSITIES

- NYU Coles Athletic Center, Expansion and Renovations, New York, NY
- Pace University, Student Dormitory (180 Broadway), New York, NY
- NYU College of Dentistry and Bioengineering Institute, New York, NY
- NYU Wilf Hall, New York, NY
- SUNY Stony Brook, Student Dormitory, Stony Brook, NY
- Ethical Culture Fieldston School, Riverdale, NY
- NYCSCA, Geotechnical Services, Various Locations, New York City, NY

OFFICE

- One Vanderbilt, Supertall Office Tower, New York, NY
- Dock 72 at Brooklyn Navy Yard, Tall Office Building, Brooklyn, NY
- 388-390 Greenwich, Office Tower, New York, NY
- 7 Bryant Park, Tall Office Building, New York, NY
- Verizon Office Tower, New York, NY
- Eleven Times Square, Tall Office Building, New York, NY
- Disney Armory Building, Historic Building Renovation, New York, NY

RESIDENTIAL

- 711 West End Avenue, Residential Building, New York, NY
- Senior Living Facility, 139 East 56th Street, New York, NY
- Lincoln Center, David Geffen Hall, New York, NY
- Baccarat Hotel and Residences Tower, New York, NY
- Liberty Luxe, Residential Building, Battery Park City, NY
- 220 Central Park South, Tall Residential Building, New York, NY
- The Brooklyner, Tall Residential Building, Brooklyn, New York

Education

M.S., Civil Engineering
Manhattan College

B.S., Civil Engineering
Manhattan College

A.S., General Engineering
Orange County Community College

Professional Registration

Professional Engineer (PE) in NY,
CT

LEED Accredited Professional
(LEED AP)

Affiliations

American Society of Civil Engineers
– Metropolitan Section – Treasurer

American Society of Civil Engineers
– Construction Institute

American Council of Engineering
Companies NY – Regional Director

American Society of Steel
Construction

ACE Mentoring Program

Deep Foundations Institute

Chi Epsilon, National Civil
Engineering Honor Society

Urban Land Institute

United States Green Building
Council

Manhattan College Department of
Civil Engineering: Adjunct Faculty
Member

Arthur J. Alzamora, Jr., PE, LEED AP

RETAIL

- Tory Burch Flagship Retail Store, 151 Mercer Street, New York, NY
- Apple Retail Store, 767 Fifth Avenue, New York, NY
- Hilton Garden Inn New York Long Island City/Manhattan View, Long Island City, NY
- Bronx Terminal Market, Power Retail Center, Bronx, NY

COMMERCIAL

- TWA Flight Center Hotel, JFK Airport, Jamaica, NY
- Doubletree Hotel Tower, 1568 Broadway, New York, NY
- Marriott Times Square EDITION Hotel, New York, NY
- Hilton Garden Inn New York/Times Square Central, New York, NY
- LUMA Hotel Times Square, New York, NY
- The Knickerbocker Hotel at 6 Times Square, New York, NY
- OMNI Berkshire Place Hotel, New York, NY
- NYC Hotel and Motel Trades Council, Health Care Center and Office Tower, Brooklyn, NY

HEALTHCARE

- Urban Health Plan, Medical Building, Bronx, NY
- Lenox Hill Center for Comprehensive Care, New York, NY
- Weill Cornell Medical College, Biomedical Research Building, New York, NY
- Bellevue Hospital Emergency Department, New York, NY

CULTURAL AND CIVIC

- American Museum of Natural History, Science and Education Innovation Center, New York, NY
- Metropolitan Museum of Art Southwest Wing Expansion, New York, NY
- New York Public Library, Main Branch Expansion, M New York, NY
- New York Aquarium, Post-Superstorm Sandy Support, Coney Island, NY
- St. Patrick's Cathedral Renovations, New York, NY
- Federal Hall National Memorial, New York, NY

INFRASTRUCTURE

- Holland Tunnel, Flood Protection, Jersey City, NJ
- Stewart Airport Air Traffic Control Tower, Newburgh, NY
- Ellis Island Ferry Terminal, Jersey City, NJ

INTERNATIONAL

- United States Embassy, Moscow, Russia

Selected Publications, Reports, and Presentations

Ford L., Alzamora A., Ciancia A., "Case Study of Using Three Systems for Soil and Bedrock Stabilization." IFCEE 2018, Orlando, FL

Alzamora A., Ford L., Maene T., Poeppel A., "Former Navy Yard Revitalized with Hollow-Stern Grout Cast-in-Place Piles." IFCEE 2018, Orlando, FL

Arthur J. Alzamora, Jr., PE, LEED AP

A. Alzamora, A. Ciancia (2013) "Lessons Learned from Groundwater Control Issues", Foundation Challenges in Urban Environment, ASCE Met Section/ Geo-Institute Chapter, New York, NY

Khoury, M., Alzamora, A., and Ciancia. A. (2011), "A Piled-Raft for the Tallest Building in Brooklyn", Proceeding of Recent Advances in Geotechnical Engineering, GeoFrontiers2011 Proceedings, Dallas, TX.

A. Alzamora (2012), "Global Competence in the 21st Century", Presentation for 2012 ASCE National Conference, Montreal, Canada

A. Alzamora, J. Tortorella (2013), "Ramifications from Excavating Adjacent to Structures in NYC", Presentation to NYC Department of Design and Construction

A. Alzamora, M. Gallagher (2011). "The Role of the Geotechnical Consultant in the Design Process", Langan AIA Roadshow Presentation to Greenberg Farrow.

A. Alzamora, M. Gallagher (2011). "The Role of the Geotechnical Consultant in the Design Process", Langan AIA Roadshow Presentation to Adamson Associates Architects.

A. Alzamora, M. Gallagher (2011). "The Role of the Geotechnical Consultant in the Design Process", Langan AIA Roadshow Presentation to Kohn Pedersen Fox Associates.

A. Alzamora, M. Gallagher (2011). "The Role of the Geotechnical Consultant in the Design Process", Langan AIA Roadshow Presentation to MDSzerbaty Associates.

A. Alzamora, M. Bolding (2010). "133 MacDougal – Wilf Hall". 2010 Geotechnical Engineering Workshop – Langan Engineering.

A. Alzamora, M. Khoury (2009). "107 Lawrence Street". 2009 Geotechnical Engineering Workshop – Langan Engineering.

A. Alzamora (2008). "View 59 Condo". 2008 Geotechnical Engineering Workshop – Langan Engineering.

A. Alzamora (2006). "Atlantic Court".