

LANGAN SELECT NEW YORK CITY QUALIFICATIONS



Credit: Visualhouse



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NEW JERSEY NEW YORK CONNECTICUT MASSACHUSETTS PENNSYLVANIA OHIO VIRGINIA FLORIDA TEXAS ARIZONA COLORADO
WASHINGTON CALIFORNIA ATHENS CALGARY DUBAI LONDON PANAMA

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HUDSON YARDS REDEVELOPMENT

- Location:** New York, NY
- Client:** Hudson Yards, a Related Oxford Venture
- Architect:** Kohn Pedersen Fox, Skidmore, Owings & Merrill, Diller
Scofidio + Renfro, Ismael Leyva Architects, Rockwell Group
- Partner:** Thornton Tomasetti, WSP
- Services:** Geotechnical, Environmental, Site/Civil, Traffic &
Transportation, Traditional Surveying, Terrestrial
Scanning/BIM

OVERVIEW

This major New York City rezoning and redevelopment, led by Related/Oxford, under the joint guidance of New York City, the Metropolitan Transportation Authority, Hudson Yards Development Corporation, and New York State, is reinventing the once barren west side of Midtown Manhattan. Upon full completion, the site will include more than 18 million square feet of commercial, retail, and residential towers, 14 acres of open park space, a cultural venue, a public school, and a luxury hotel all built over active rail yards.

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VIA 57 WEST

Location: New York, NY
Client: The Durst Organization
Architect: Bjarke Ingels Group
Partner: Thornton Tomasetti, Hunter Roberts Construction Group
Services: Geotechnical, Site/Civil

OVERVIEW

Regarded as a cross between Copenhagen-style residential courtyards and a New York City skyscraper, this mixed-use, 38-story residential building in Midtown West includes 709 residential units and ground floor retail space. A massive outdoor courtyard, cut into the center of the building, adds to the structure's unique pyramid-like shape. Langan performed extensive geotechnical and site/civil work including design of a bioswale; in addition, Langan produced a Stormwater Pollution Prevention Plan.

AWARDS

2017 ArchDaily Building of the Year
2017 Urban Land Institute Awards for Excellence in Development: Housing Development Finalist
2016 Engineering News Record New York, Best Projects Awards: Residential Hospitality

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2016 New York Times, Best Architecture in New York

2016 Society of American Registered Architects New York, Excellence in Residential Design
Innovation Award

2015 6SQFT Building of the Year

2012 American Institute of Architects New York, Design Merit Award

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FRANKLIN D. ROOSEVELT FOUR FREEDOMS PARK

Location: Roosevelt Island, NY
Client: Frankling D. Roosevelt Four Freedoms Park, LLC
Architect: Mitchell | Giurgola Architects, Louis Kahn
Partner: Weidlinger Associates, F.J. Sciame
Services: Waterfront & Marine, Land Use Planning, Natural Resources & Permitting, Site/Civil, Geotechnical, Landscape Architecture

OVERVIEW

Designed by renowned architect Louis Kahn, the 4.5-acre park and plaza sits at Roosevelt Island's southernmost point. The site is immediately across the East River from the United Nations, and features a landscaped open garden and plaza area for passive public enjoyment, promenade along the river, forecourt, sculpture court and front plaza overlooking the river with views of Manhattan, Queens and Brooklyn.

AWARDS

2013 Engineering News Record Best Project - Merit Award (Landscape/Hardscape/Urban Development)
2013 American Institute of Architects New York Chapter Design Awards: Urban Design Merit Award
2013 Municipal Art Society: Brendan Gill Prize
2013 Travel + Leisure Design Awards: Best Public Space
2013 American Council of Engineering Companies New Jersey Chapter, Engineering Excellence Awards, Honor

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56 LEONARD

Location: New York, NY
Client: Alexico Group, Hines
Architect: Herzog & de Meuron, Costas Kondylis, Goldstein, Hill & West Architects
Partner: WSP Cantor Seinuk, Hunter Roberts Construction Group
Services: Geotechnical, Site/Civil, Environmental

OVERVIEW

Langan engineers provided site/civil, geotechnical, and environmental services for this condominium tower featuring dramatic, cantilevered terraces. It will be Architects Jacques Herzog and Pierre de Meuron's first high-rise commission anywhere in the world. The site, a 125-ft-wide by 100-ft-deep rectangular parcel in Tribeca, consists of two adjoining lots previously occupied by the former New York Law School (NYLS) library building. The proposed building will consist of a 60-story residential high-rise tower with a single cellar level.

AWARDS

2017 American Council of Engineering Companies, Engineering Excellence Awards, National Recognition Award
2017 American Council of Engineering Companies New York, Engineering Excellence Awards, Diamond Award - Special Projects

2017 Engineering News Record, Best of the Best Residential/Hospitality Project Award

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ONE VANDERBILT

Location: New York, NY
Client: SL Green Realty Corporation
Architect: Kohn Pedersen Fox
Partner: Hines, Severud Associates, Jaros Baum & Bolles
Services: Geotechnical, Site/Civil, Traffic & Transportation, Traditional
Surveying, Terrestrial Scanning/BIM

OVERVIEW

Langan is providing multidiscipline services for the construction of a 1,401-foot-tall commercial tower in the East Midtown section of Manhattan. The development also includes new entrances and access points for the New York City Transit Shuttle train, Grand Central Terminal, Long Island Rail Road East Side Access, buses, and subways.

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HEARST TOWER

Location: New York, NY
Client: Tishman Speyer Properties
Architect: Foster + Partners
Partner: WSP, Turner Construction
Services: Geotechnical, Site/Civil

OVERVIEW

The \$500 million Hearst Tower is located at 959 Eighth Avenue, just south of Columbus Circle in Manhattan. New construction includes the preservation of the six-story landmark Hearst Building facade and a 42-story environmentally friendly steel and glass tower to house the Hearst Corporation Headquarters.

AWARDS

2016 Council for Tall Buildings and Urban Habitats 10 Year Award
2013 Building Owners and Managers Association New York Pinnacle Award
2008 International Highrise Award

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CUNY CITY TECH ACADEMIC COMPLEX

Location: Brooklyn, NY
Client: City University of New York (CUNY)
Architect: Perkins Eastman
Services: Site/Civil, Geotechnical, Surveying/Geospatial

OVERVIEW

Located in downtown Brooklyn, this 8-story, 350,000-SF academic building provides state-of-the-art laboratory spaces for the college's science and healthcare programs. Building features include an 800-seat gymnasium and a 1,000-seat auditorium. Langan's site/civil engineers provided site, grading, drainage and utility plans, as well as all necessary regulatory approvals and permitting services including a mid-block pedestrian crossing on Jay Street and sidewalk improvements. Our geotechnical engineers conducted a subsurface investigation and provided foundation recommendations. The project is registered for LEED Silver certification.

AWARDS

2020 ENR New York, Regional Best Projects: Higher Education/Research
2020 AIANY Excelsior Award: New Construction/Award of Distinction
2020 BD+C Building Teams Awards: Gold Award
2019 Building Brooklyn Awards: Sustainability
2018 Greater New York Construction User Council Outstanding Projects, Higher Education

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GREENPOINT LANDING - BLOCK D

- Location:** Brooklyn, NY
- Client:** Brookfield Properties, Park Tower Group
- Architect:** OMA New York, Beyer Blinder Belle
- Partner:** James Corner Field Operations, Thornton Tomasetti, Cerami Associates, Cosentini Associates, DeSimone Consulting Engineers
- Services:** Site/Civil, Geotechnical, Environmental, Surveying/Geospatial

OVERVIEW

Block D includes construction of two mixed-used buildings over a podium expansion of the waterfront esplanade along the East River, construction of a 2.5-acre public park, and the extension of West Street. The development brings 745 residential units to the neighborhood, 30% of which are affordable. Langan served as technical expert during legal meetings with NYC Department of Environmental Protection to obtain approval for on-site sewers and the water main, oversaw installation of the utilities as resident engineer, and provided several multidisciplinary services during design and construction.

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BRONX POINT

Location: Bronx, NY
Client: Bronx Point Owner, LLC (A Joint Venture of L+M Development Partners and Type A Projects)
Architect: S9 Architecture, Marvel Architects
Partner: Abel Bainnson Butz, Cosentini Associates , WSP
Services: Site/Civil, Environmental, Surveying/Geospatial, Traffic & Transportation

OVERVIEW

Bronx Point is a 585,000-SF, mixed-use waterfront site comprised of 540 units of affordable housing, educational community facilities, commercial/retail spaces and open space adjoining the Harlem River waterfront in the Lower Concourse North area of the South Bronx. The site was previously a paved asphalt lot used for temporary storage by city and state agencies and recently underwent a rezoning to add the parcel to the Special Harlem River Waterfront District. Langan provided waterfront engineering services to create a resilient shoreline edge, by removing an existing relieving platform and creating a more natural shoreline slope to reduce tidal energy as sea levels rise. Site/civil engineering services included the design and permitting of underground utilities, permitting of two new stormwater outfalls to the Harlem River and onsite layout and circulation including a new private roadway. Environmental engineering services included completion of a Brownfield Cleanup Program (BCP) application, Remedial Investigation Program and Citizen Participation Plan.

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2505 BRUCKNER BOULEVARD

Location:	Bronx, NY
Client:	Innovo Property Group
Architect:	KSS Architects
Partner:	Sterling Project Development Group, LLC, WSP USA, Syska Hennessy Group, LLC, Aurora Contracting
Services:	Environmental, Geotechnical, Site/Civil, Natural Resources & Permitting, Traffic & Transportation

OVERVIEW

2505 Bruckner is a state-of-the-art urban logistics facility that delivers access to over 9.4 million people in a 15-mile radius. The 2-story warehouse is 840,000 SF with an adjacent 40,000-SF parking garage and 159,000-SF elevated truck court structure. Langan performed a geotechnical subsurface investigation consisting of drilled and cone probe borings that satisfied the New York City Building Code (NYCBC) and provided valuable soil and rock information for foundation design on this challenging site. Langan engaged in foundation and site/civil design efforts with the project design team and worked through significant coordination challenges. Langan also performed a site-specific seismic study for the site to assist the structural engineer with foundation design. The project required significant permitting efforts with various regulatory agencies, including the New York State Department of Transportation (NYSDOT), New York City Department of Buildings (NYCDOB), New York State Department of Environmental Conservation and others.

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AMERICAN COPPER BUILDINGS

Location: New York, NY
Client: JDS Development Group, Largo
Architect: SHoP Architects
Services: Environmental

OVERVIEW

American Copper Buildings is a residential complex in Kips Bay at the site of a former mud pit, consisting of two copper-clad towers connected by a 3-story skybridge. The complex contains 761 apartments, twenty percent of which are designated affordable. The skybridge, the first built in Manhattan in 80 years, has 60,000 SF worth of amenities, including a pool, lounge, spa, and climbing wall. Langan provided environmental engineering and remediation services including remediation monitoring, Community Air Monitoring Plans implementation, coordination with New York State Department of Environmental Conservation to address Site Management Plan requirements throughout the waste characterization sampling at the site, and preparation of environmental specifications for earthwork and groundwater management during excavation.

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MOYNIHAN STATION REDEVELOPMENT - PHASE 1

Location: New York, NY
Client: Skidmore, Owings & Merrill
Partner: Moynihan Station Development Corporation, Amtrak
Services: Geotechnical, Site/Civil, Terrestrial Scanning/BIM, Traditional Surveying

OVERVIEW

Langan provided geotechnical, site/civil, land surveying, and 3D laser scanning and modeling services during the initial phase of the Moynihan Station development project. The project expands the nation's busiest train station, Pennsylvania Station, across Eighth Avenue into the historic James A. Farley Post Office Building, and first phase project components included construction of the West End Concourse, pedestrian plazas, and new subway access corridors.

AWARDS

2018 Urban Land Institute New York Excellence in Development Awards, Civic Space
2018 ACEC New York Engineering Excellence, Diamond Award
2018 Greater New York Construction User Council Outstanding Projects, Infrastructure

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