

LANGAN SELECT NEW YORK & NEW JERSEY EXPERIENCE



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NEW JERSEY NEW YORK CONNECTICUT PENNSYLVANIA OHIO VIRGINIA GEORGIA FLORIDA TEXAS CALIFORNIA ARIZONA WEST VIRGINIA
ABU DHABI DUBAI GREECE LONDON QATAR TURKEY PANAMA

Langan provides an integrated mix of engineering and environmental consulting services in support of land development projects and corporate real estate portfolios. Our clients include developers, property owners, public agencies, corporations, institutions, and energy companies around the world. Founded in 1970, Langan employs over 1,000 professionals in its Parsippany, NJ headquarters and among 23 regional offices.

Whether partnering on a hospital's expansion or a new facility, a shopping center, or a corporate campus, Langan is a full-service partner to our clients - providing site/civil, geotechnical, and environmental engineering, landscape architecture and planning, 3D laser scanning, survey, traffic/transportation, CADD/GIS, natural/ cultural resources, and permitting.

View the tour below to learn more about select Langan projects.

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WHITE PLAINS REDEVELOPMENT

Location: White Plains, NY
Client: City of White Plains
Partner: Robert Martin Company, Pappas Development Corporation
Services: Geotechnical

OVERVIEW

The White Plains Urban Renewal Project involved a massive rebuilding of the core area of this major city. Previously under-utilized land was cleared and buildings were demolished to make way for modern structures for housing, offices, transportation facilities, hotels and other associated uses. Langan worked with developers and the city to evaluate cost effective design and construction procedures for the numerous difficult subsoil conditions. To overcome subsoil challenges, Langan designed numerous foundation support systems and specified innovative construction procedures when cost economies could be achieved. Field monitoring data obtained from completed structures was utilized to refine the input for complex computer analyses.

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55 BANK STREET

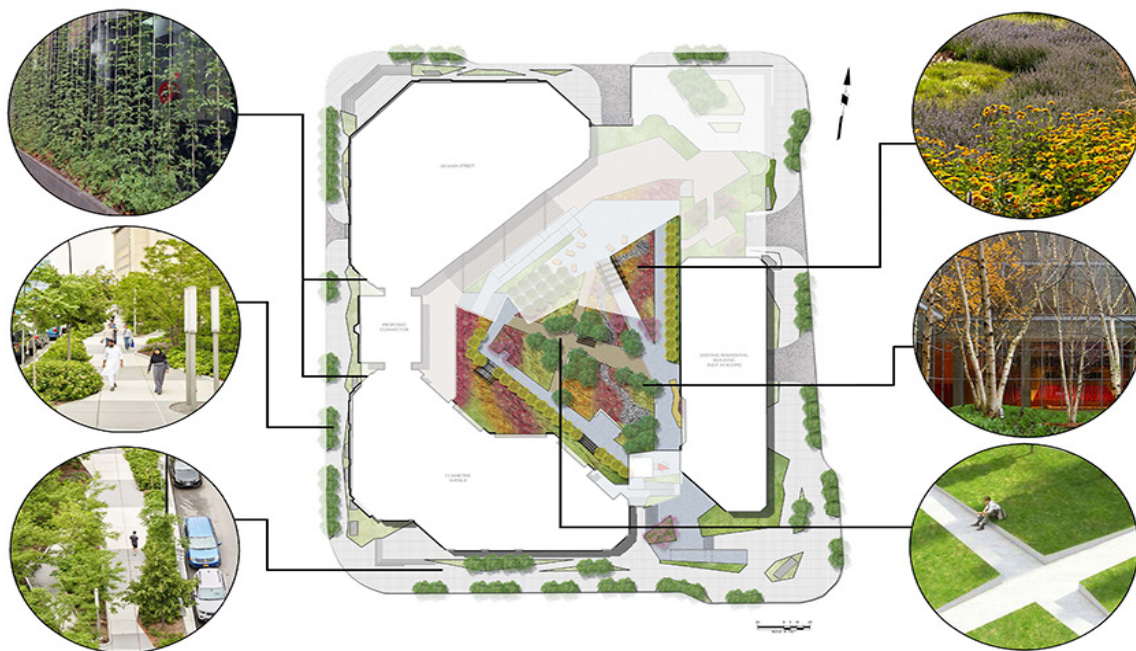
Location: White Plains, NY
Client: LCOR Incorporated
Architect: SLCE Architects
Partner: Tadjer-Cohen-Edelson & Associates, Inc.
Services: Environmental, Geotechnical

OVERVIEW

Langan provided engineering services for this transit-oriented mixed-use residential/retail development located approximately 25 miles north of Manhattan. The project offers 760,000 SF of useable space to the community. The development will include a 16-story, 288-unit residential building with ground retail space and 381 parking spaces. The next phase will include construction of a second 16-story building with 273 residences, retail space, and a combination of above and below ground parking for 189 vehicles.

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WESTCHESTER FINANCIAL CENTER

Location: White Plains, NY

Client: Robert Martin Company, Warshauer Mellusi Warshauer
Architects

Services: Landscape Architecture

OVERVIEW

The Westchester Financial Center consists of approximately 309,000 SF of existing Class A office space in downtown White Plains. Langan worked closely with the owner and architect to re-imagine this site in a much more pedestrian-friendly way. The main concept was to pull nature back into the concrete-heavy character of White Plains by incorporating ecological design. With this in mind, the streetscapes and 3-tier interior rooftop courtyards were designed using our concept of the Southern Taconic Ecological Precinct, or S.T.E.P. This unique design infuses the multi-level pedestrian space with an educational landscape that includes native species in varying layers of the local, southern New York landscape while creating an interactive outdoor office and café to enhance the office experience.

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WESTCHESTER COMMUNITY COLLEGE - GATEWAY CENTER

Location: Valhalla, NY
Client: Westchester Community College
Services: Site/Civil, Geotechnical, Traditional Surveying

OVERVIEW

Langan provided site/civil and geotechnical engineering services for the new Gateway Center, the first ever LEED Gold certified structure in New York's Westchester County. The 70,000-SF site consists of three new buildings located within 218 wooded acres of Westchester Community College's northeastern quadrant.

AWARDS

New York Construction News: Higher Education/Research - Project of the Year
American Institute of Architects, New York Design Award: Architectural Merit Award

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REALOGY HEADQUARTERS - 175 PARK AVENUE

Location: Madison, NJ
 Client: The Hampshire Companies
 Architect: Kohn Pedersen Fox
 Services: Geotechnical, Site/Civil, Traffic & Transportation

OVERVIEW

Hampshire Companies undertook the redevelopment of a 15-acre site, which formerly housed a Verizon call center, to create a new 270,000-SF office building. The site is the new headquarters for Realogy Holdings Corp., the global parent company of such leading real estate brands as Century 21, ERA, Coldwell Banker, Sotheby's International Realty, and Better Homes and Gardens Real Estate. Langan provided a full array of geotechnical and design services from due diligence through design and regulatory permitting and construction, including a variety of sustainable design elements. The building has been awarded LEED Silver certification.

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ELIZABETH SETON PEDIATRIC CENTER

- Location: Yonkers, NY
- Client: Elizabeth Seton Pediatric Center
- Architect: Perkins Eastman Architects
- Partner: Goldstein Associates, Andron Construction Corporation
- Services: Site/Civil

OVERVIEW

Named after the social/religious leader who founded New York City's first charitable institution in the late-1700s, this nonprofit care center has offered long-term, specialty care for children with complex medical conditions since 1987. The 165,000-SF facility is divided into four separate four-story 'green' buildings centered around a family-style play center. Langan's site/civil engineers provided design and construction administration services for site layout, internal roadways and parking; mechanically stabilized earth (MSE) retaining wall, stormwater management and conveyance system including on-site filtration and detention, soil sedimentation and erosion control; sanitary sewer, water mains, and overall utility connections and routing from the site to South Westchester Executive Park and City of Yonkers utility services. Designs were in accordance New York State Department of Environmental Conservation, City of Yonkers, and Westchester County Health Department codes and regulations. The project, which was scheduled to be completed in two-years, was finished in just 21 months.

AWARDS

2015 AIA National Award for Merit in Architecture

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CAREONE HEALTHCARE FACILITIES

Location: Various Locations in NJ
Client: CareOne
Architect: NK Architects
Services: Landscape Architecture, Site/Civil, Geotechnical,
Surveying/Geospatial, Traffic & Transportation, Natural
Resources & Permitting

OVERVIEW

CareOne, a premier health care company in New Jersey, has selected Langan as part of an exclusive team to develop new facilities and to expand existing locations in the state. CareOne has embarked on a recent state-wide expansion program that includes approximately twenty locations, providing post hospital care, rehabilitation, assisted living, long-term care and clinical specialty programs to the public. Langan is providing full services including surveying, civil, geotechnical, stormwater management, natural resources and landscape architecture. Our involvement also includes construction phase services and field observation.

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STOP & SHOP SUPERMARKET AND PARKING GARAGE

Location: White Plains, NY
 Client: Stop & Shop Supermarket Company
 Services: Site/Civil, Geotechnical, Environmental

OVERVIEW

Langan provided land development, geotechnical, environmental, landscape architecture and construction management services for a 55,000-SF Stop & Shop Supermarket along with a three-level 750-space parking garage in downtown White Plains. Langan recommended and oversaw a ground improvement program, which enabled the supermarket to be supported on a shallow foundation system despite the presence of loose soils. Langan also designed the garage's foundation system based on the inspection of the weathered rock underlying about 2/3 of the garage.

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THE SHOPS AT ATLAS PARK

Location: Glendale, NY
Client: A & Co., The Hemmerdinger Corporation, Desman Associates
Services: Environmental, Geotechnical, Site/Civil, Traditional Surveying

OVERVIEW

A former brownfield site, this lifestyle center consists of a two-acre †green† area surrounded by shops, restaurants, and a cinema. Langan provided environmental, surveying, geotechnical, and site/civil engineering services for this redevelopment.

AWARDS

2010 New York City Brownfield Cleanup Award for Open Space
2007 US Environmental Protection Agency Region 2, Phoenix Award for Excellence in Brownfield Development,
2007 American Council of Engineering Companies, Engineering Excellence Awards, Gold

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THE SHOPS AT NANUET

Location:	Nanuet, NY
Client:	Simon Property Group
Architect:	Dorsky + Yue International, LLC
Services:	Site/Civil, Geotechnical, Environmental, Traffic & Transportation, Landscape Architecture, Natural Resources & Permitting, Traditional Surveying

OVERVIEW

This 60-acre outdoor lifestyle retail center contains approximately 780,000 SF of gross floor area and replaces the former Nanuet Mall, a traditional enclosed shopping center. Langan provided survey, site/civil, geotechnical, traffic, landscape, natural resources, and permitting services. Langan also performed construction phase services including asbestos abatement, air monitoring, and demolition oversight. Langan played a significant role in keeping the project on an aggressive six-month schedule while minimizing reconstruction of improvements and change orders.

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WESTCHESTER REFORM TEMPLE

Location: Scarsdale, NY
Client: Westchester Reform Temple
Architect: Rogers Marvel Architects
Partner: Robert Silman Associates, Dirtworks Landscape Architecture,
E.W. Howell Construction Group, Collado Engineering
Services: Site/Civil

OVERVIEW

Westchester Reform Temple underwent a nine-year renovation to update, improve, and expand the existing site and facilities. The project included construction of a 12,000-SF sanctuary and 14,000-SF religious school. Langan provided site/civil engineering services throughout multiple phases of the project. Our responsibilities included design drawings, construction documents (site plan, grading and drainage plan, utility plan, and soil erosion and sediment control plan), preparation of a Stormwater Pollution Prevention Plan, review of contractor submittals, and QA/QC during the construction phase. In addition, we prepared a submission for the Westchester Department of Health for a new sanitary sewer connection and relocation of an existing section of sewer. Westchester Reform Temple's expansion received LEED Silver certification, making it one of the first synagogues in the country to incorporate sustainable building practices into the design and construction process.

AWARDS

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2011 The Chicago Athenaeum American Architecture Award
2010 The Chicago Athenaeum Green Good Design for Architecture

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US FEDERAL COURTHOUSE

Location: White Plains, NY
Client: General Services Administration
Services: Geotechnical

OVERVIEW

As part of the design-build team for this seven-story federal courthouse, Langan performed a geotechnical investigation of the sub-surface conditions at the site. Our geotechnical report led to technically feasible and cost-effective foundations and floor slab alternatives.

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SPORTIME LAKE ISLE TENNIS CENTER

Location: Eastchester, NY
Client: Sportime, Town of Eastchester
Architect: Zurita Architects
Services: Geotechnical, Site/Civil, Surveying/Geospatial

OVERVIEW

Located in Lower Westchester, the 58,000-SF facility is home to the John McEnroe Tennis Academy and features 8 indoor Har-Tru tennis courts under 3 state-of-the-art structures and a 5,000-SF clubhouse on two levels. Langan provided geotechnical engineering services including controlled inspection during the drilling of borings and excavation of test pits, lab tests on soil samples, and data on minimizing rock excavations for the clubhouse basement. Our site/civil team prepared plans for site materials, grading and drainage, utilities, soil erosion and sediment control, and construction details. We also performed construction administration services including procurement assistance and submittal review. Langan's survey scope of work included a computer-generated 'on-ground' site survey that showed curbs, roadways, buildings onsite and utilities.

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LA ROCHELLE

Location: New Rochelle, NY
 Client: Newman Architects
 Partner: DSF Group
 Services: Site/Civil, Landscape Architecture, Traffic & Transportation, Surveying/Geospatial

OVERVIEW

La Rochelle is transit-oriented residential development directly adjacent to the train station in downtown New Rochelle, New York. The project includes the renovation of an existing 25-story residential building, a new outdoor courtyard and amenity space, the design of a new roadway and streetscape design as well as traffic engineering to re-configure vehicular patterns. The Langan civil and traffic engineering teams designed the streetscape to meet the needs of the City of New Rochelle as a pedestrian-friendly entrance to the city as one exits the train. Traffic-calming methods such as speed tables and enhanced cross-walks were employed in order to slow down vehicles for a safer experience. Our Landscape Architecture + Planning group worked closely with Newman Architects and DSF to design the outdoor courtyard spaces in order to better suit the TOD community and upgrade the existing layout.

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TUXEDO RESERVE MASTER PLAN

Location: Tuxedo, NY
Client: Related Companies
Services: Natural Resources & Permitting, Site/Civil, Geotechnical,
Traffic & Transportation, Environmental, Traditional Surveying

OVERVIEW

Tuxedo Reserve is a planned integrated development of a 2,400-acre site located in the southeastern corner of Orange County, New York. Langan was retained to undertake all land development engineering of the site for construction of the multi-use development, which includes 1,500 residential units as well as over 30,000 SF of light industrial office commercial building.

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TURNING STONE CASINO AND RESORT

Location: Verona, NY
Client: Oneida Indian Nation
Architect: EDSA
Services: Site/Civil, Geotechnical

OVERVIEW

The expansion of the casino included a new main entrance, a 22-story high-rise tower, a four-story hotel and luxury spa, and a five-story parking garage.

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