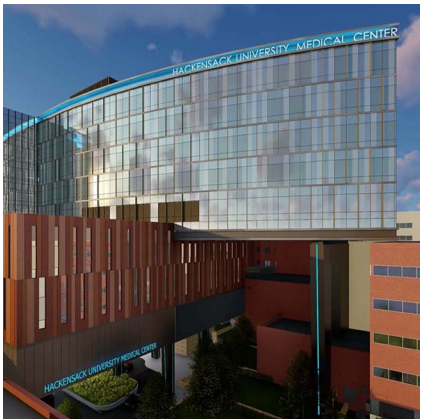


LANGAN IN NEW JERSEY



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HUMC - THE SECOND STREET PAVILION

Location:	Hackensack, NJ
Client:	Hackensack Meridian Health
Architect:	RSC Architects, EYP Architecture & Planning
Services:	Site/Civil, Geotechnical, Environmental, Landscape Architecture, Traffic & Transportation, Surveying/Geospatial

OVERVIEW

Langan is providing land development engineering and environmental services for the new Second Street Pavilion at Hackensack University Medical Center. The new 530,000-SF pavilion would add up to 200 private patient rooms and 24 operating suites to the hospital. The project also includes the construction of a new Central Utility Plant (CUP) and electrical switchgear yard to support the hospital campus. Our team assisted with site improvements associated with the proposed buildings, including a circulation driveway, walkways, retaining walls, utilities, and stormwater management. Langan's survey team provided a full site survey in support of the site design.

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THE DISTRICT AT 1515

Location: Parsippany, NJ
Client: Stanbery Development, Claremont Companies
Architect: Minno & Wasko Architects
Partner: Melillo & Bauer Associates
Services: Site/Civil, Traffic & Transportation, Surveying/Geospatial,
Natural Resources & Permitting

OVERVIEW

Langan is providing integrated engineering services for a new mixed-use development, The District at 1515. The development will include over 100,000 SF of upscale retailers, restaurants, and specialty services with over 400 multi-family rental apartments and a hotel in a vibrant town center environment. An outdoor central plaza or 'woonerf' integrates vehicular and pedestrian circulation and will host social events such as concerts and farmer's markets. The site area crosses the Township of Parsippany/Hanover line resulting in the rare and unique case of processing an annexation application (land swap) between the Townships.

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RUTGERS UNIVERSITY - THE YARD @ COLLEGE AVENUE

Location: New Brunswick, NJ
Client: New Brunswick Development Corporation (DEVCO)
Architect: Elkus Manfredi
Services: Site/Civil, Traffic & Transportation

OVERVIEW

The Yard @ College Avenue is slated to be the new focal point of the Rutgers New Brunswick campus. This 14-story apartment complex will add housing for approximately 450 students. The building's U-shaped design allows for a 25,000 SF public courtyard that is lined with commercial vendors and a shore-style boardwalk. Langan provided site/civil engineering design services including site layout, stormwater management, and utility design. In addition, Langan provided the necessary permitting support.

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ROCKEFELLER LOGISTICS CENTER

Location: Piscataway, NJ
Client: Rockefeller Group, Lincoln Equities Group
Architect: M+H Architects
Services: Site/Civil, Natural Resources & Permitting, Landscape
Architecture, Geotechnical, Traffic & Transportation,
Surveying/Geospatial

OVERVIEW

Langan provided a variety of services for the design and construction of the Rockefeller Logistics Center in Piscataway, New Jersey. The site was initially purchased by Lincoln Equities Group, who obtained industrial warehouse approvals, and then sold the property to Rockefeller Group, who reconfigured the project design. The project includes approximately 2.1 million SF of state-of-the-art distribution and fulfillment space, with multiple building footprints ranging in size from 200,000 to 725,000 SF and building clear heights as high as 40 feet with ample loading docks and cross-dock layout. Just one mile from I-287, the former brownfield site is now one of the largest Class A distribution parks in the region.

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ONE JOURNAL SQUARE

Location: Jersey City, NJ
Client: Kushner Companies
Architect: Woods Bagot
Services: Geotechnical, Site/Civil, Traffic & Transportation,
Surveying/Geospatial

OVERVIEW

Langan is providing geotechnical, site/civil, and traffic engineering, planning, and surveying services for a proposed mixed-use development in the Journal Square section of Jersey City. The development will consist of two high-rise towers measuring 46 and 69 stories over a 10-floor podium and will include 1,725 residential apartments, approximately 89,000 SF of retail, 127,000 SF of office space, and 78,000 SF of amenities space. The development is adjacent to the Journal Square PATH Station.

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MATRIX BUSINESS PARK AT 7A

Location: Robbinsville, NJ

Client: KTR Capital Partners, Matrix Development Group, CB Richard Ellis

Services: Site/Civil, Geotechnical, Traffic & Transportation, Surveying/Geospatial, Natural Resources & Permitting, Landscape Architecture

OVERVIEW

Located just minutes from exit 7A of the New Jersey Turnpike, the Matrix Business Park has become prime real estate for the industrial/distribution market in New Jersey. Langan's involvement with the Matrix Business Park at 7A began in 2005 with the design, permitting, and construction administration of an approximately 900,000-SF distribution center for KTR Capital Partners in the western portion of the park. Langan then designed and permitted three speculative facilities in the eastern portion of the park. Langan performed detailed site development design of the three additional facilities, totaling approximately 1.65-million-SF of floor space, and obtained the required entitlements from the Township, County, State, and local soil conservation district. To date, Langan is responsible for the design, permitting, and construction administration of five of the distribution facilities in the park totaling 2.8-million SF of floor space.

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30 JOURNAL SQUARE

Location: Jersey City, NJ
Client: Kushner Companies
Architect: Morris Adjmi Architects
Services: Site/Civil, Traffic & Transportation, Natural Resources & Permitting, Traditional Surveying

OVERVIEW

Langan is providing site/civil and traffic engineering, planning and surveying services for a proposed mixed-use development at 30 Journal Square in Jersey City. The 1,022,362-GSF development will incorporate the historic Jersey Journal building and consist of a 72-story residential tower with a 10-story podium with space for retail, office, and parking.

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700 JACKSON REDEVELOPMENT & RESILIENCY PARK

Location: Hoboken, NJ
Client: Bijou Properties, Intercontinental Development, Inc.
Architect: Marchetto Higgins Stieve Architects
Services: Geotechnical, Site/Civil, Environmental, Natural Resources & Permitting, Surveying/Geospatial

Langan implemented the design of a cloud-based outlet control into the stormwater management system for this project, which is located in a coastal city faced with the challenges of global climate change and the impacts of frequent localized flooding, as well as catastrophic-scale flooding issues.

measurable value

Langan's engineers helped develop a stormwater management approach that allowed for the storage of a volume of stormwater equal to the 10-year storm across the entire site of 700 Jackson. This far exceeds the normal regulatory requirement that the redevelopment would have been subject to, which would have required no stormwater detention on the site because the redevelopment actually increases the amount of pervious surface on-site.

Taking this challenge one step further, Langan's engineers worked with the local sewage authority to implement the design of a cloud-based outlet control into the stormwater management system, allowing the sewage authority to remotely monitor the combined sewer system, its capacity and flows in real time, and regulate discharges from the on-site stormwater detention system to avoid further overwhelming the combined sewer overflow system. This

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The 700 Jackson Redevelopment and Resiliency Park Project includes a large, mixed-use residential building with 424 residential units, approximately 26,000 SF of commercial space, and a parking deck with 415 parking spaces for shared use by residents and the general public. The project also includes three major public areas: a brand new public gymnasium, a public park with open green spaces and a children's play area, and a public plaza designed for public programming and activities.



NEWARK LIBERTY INTERNATIONAL AIRPORT - CONRAC

Location: Newark, NJ
Client: PGAL
Services: Geotechnical, Environmental

OVERVIEW

A Consolidated Rent-A-Car (ConRAC) will be constructed as part of the Terminal One Redevelopment program at Newark Liberty International Airport. The new facility will have a footprint of 700,000 SF and include six levels of combined public parking and rental car operations, as well as a pedestrian connection to the adjacent AirTrain station. Langan is providing geotechnical and environmental engineering services to assist in evaluation of the project feasibility. Our geotechnical engineering services included development of a subsurface investigation program and preparation of a geotechnical report for the facility, including foundation design recommendations and seismic design parameters. Langan's environmental services included development of an environmental sampling and testing program to support project estimates related to handling and disposal of soil and groundwater during construction.

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RUTGERS UNIVERSITY - RICHARD WEEKS HALL OF ENGINEERING

Location: Piscataway, NJ
Client: The S/L/A/M Collaborative
Services: Site/Civil, Geotechnical, Traffic & Transportation,
Surveying/Geospatial, Environmental

OVERVIEW

Langan provided multiple engineering services for a new school of engineering building on Rutgers University's Busch Campus. The building serves as a gateway building for the engineering community, industry partners, and the public. The innovative building will include features such as collaborative work spaces, smart and flexible classrooms, living laboratories, technology integration, and a dedicated student space. Langan's scope of services included civil engineering, utility design, soil erosion and sediment control permitting, geotechnical engineering, environmental engineering, and surveying services. Langan designed a regional stormwater management system for the development, which will address stormwater management requirements for Weeks Hall and future projects.

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