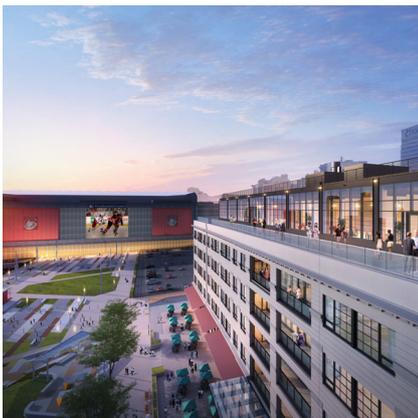


LANGAN CORPORATE CAMPUS & REDEVELOPMENT EXPERIENCE



Credit: Related Companies



Technical Excellence Practical Experience Client Responsiveness

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



Credit: Somerset Development

FORMER AT&T BELL LABORATORIES

- Location: Holmdel, NJ
- Client: Somerset Development
- Architect: Mancini Duffy, Alexander Gorlin & Associates
- Services: Site/Civil, Environmental, Surveying/Geospatial, Traffic & Transportation, Natural Resources & Permitting, Landscape Architecture

OVERVIEW

Langan supported Somerset Development in their major subdivision of the 473-acre former Bell Labs site, which included preparation of the subdivision, design of new entrances, new lighting and landscaping, natural resource permitting, and obtaining local approvals from the Holmdel Planning Board and Soil Conservation District. Langan also provided field observation during construction of the new front entrances.

Technical Excellence Practical Experience Client Responsiveness



CELGENE OFFICE & PARKING FACILITY

| | |
|------------|---|
| Location: | Summit, NJ |
| Client: | Celgene Corporation |
| Architect: | Highland Associates |
| Partner: | Turner Construction Company |
| Services: | Site/Civil, Geotechnical, Traffic & Transportation, Landscape Architecture, Surveying/Geospatial |

OVERVIEW

As part of the design-build team, Langan provided site/civil, geotechnical, surveying, landscape architecture, and traffic engineering services for this new, five-story office and structured parking facility. Langan evaluated the subsurface conditions and prepared value-engineered design measures to provide cost-effective solutions for the proposed foundation system. Langan's site design services included work on the 182,000-SF office and structured parking facility with approximately 974 parking spaces, an at-grade parking area consisting of 215 parking spaces, a new traffic signal at the fronting intersection to the campus, and a 50-foot-high retaining wall surrounding the perimeter of the building.

Technical Excellence Practical Experience Client Responsiveness



LOCKHEED MARTIN PATRIOT CENTER

Location: Newtown Township, PA
 Client: Lockheed Martin
 Services: Site/Civil, Landscape Architecture, Traffic & Transportation, Geotechnical

OVERVIEW

Langan provided site/civil, landscape architecture, geotechnical, and traffic services for the new 15,000-SF, LEED-Gold-certified conference facility. The site design included a bio-retention basin, an entry plaza, and an outdoor dining and entertaining area and is part of a campus-wide redevelopment design.

Technical Excellence Practical Experience Client Responsiveness



PFIZER VILLAGE GREEN

Location: Pearl River, NY
 Client: Pfizer Global Operations
 Services: Landscape Architecture, Site/Civil, Surveying/Geospatial

OVERVIEW

Langan supported Pfizer's efforts to revitalize their Pearl River Campus's Village Green between Buildings 200 and 222. Langan designed the new walkways and gathering areas to replace aging and deteriorating pavements surrounding the Village Green. The project consisted of the replacement of 14,000 SF of decorative pavement with complimenting improvements to outdoor seating, lighting and landscaping.

Technical Excellence Practical Experience Client Responsiveness



CAMPBELL SOUP COMPANY CORPORATE HQ DEMOLITION

Location: Camden, NJ
 Client: Campbell Soup Company, New Jersey Economic Development Authority
 Services: Demolition, Site/Civil, Geotechnical, Environmental, Natural Resources & Permitting

OVERVIEW

Langan was a part of the team joined to revitalize the abandoned, asbestos-filled Campbell Soup Factory. Langan was charged with the evaluation and remediation design of the contamination, the preparation of construction documents for the demolition of over 600,000 square feet using implosion methods, and the design of infrastructure improvements. Of the 150,000 tons of demolition rubble, all except 800 tons were reused at the site, resulting in a \$3,000,000 cost savings. Today, a ballpark, amphitheater, office buildings and aquarium occupy this site.

Technical Excellence Practical Experience Client Responsiveness



ORACLE

Location: Redwood City, California
 Client: Oracle
 Architect: Gensler, KSH Architects
 Partner: Nishkian Menninger, Webcor
 Services: Geotechnical

OVERVIEW

Langan performed a geotechnical investigation for the Oracle Headquarters and the adjacent Island Parkway Campus. Langan developed foundation design criteria for several office buildings, a recreation center, conference center, pedestrian bridge, and four parking structures.

Technical Excellence Practical Experience Client Responsiveness



IRONSIDE NEWARK

Location: Newark, NJ
 Client: Edison Properties, LLC
 Services: Site/Civil, Environmental, Traditional Surveying

OVERVIEW

Langan provided survey, site/civil, and environmental engineering services as part of Edison's redevelopment of various land parcels adjacent to the Prudential Center. The redevelopment is to include retail, office, and residential uses as well as a new park, called Mulberry Commons, which will link downtown Newark to Penn Station and the Ironbound.

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THE GLASSWORKS

- Location: Aberdeen, NJ
- Client: Somerset Development, The Ingerman Group
- Architect: Haley Donovan Architecture
- Services: Site/Civil, Surveying/Geospatial, Traffic & Transportation, Landscape Architecture, Natural Resources & Permitting

OVERVIEW

Langan provided site/civil and traffic engineering, surveying, landscape architecture and natural resource permitting services for the new Glassworks mixed-use development in Aberdeen, New Jersey. Located on the former site of the 20-year-old Anchor Glass Container Corporation manufacturing plant, this mixed-use project will include over 50-acres of residential space with an additional 75,000 SF of retail space. The Glassworks will consist of 500 new residential homes, which will be a mix of townhomes and apartments, as well as a 100-room boutique hotel and a movie theater. Outdoor space will also include a 2-acre park.

Technical Excellence Practical Experience Client Responsiveness



FAIR LAWN PROMENADE

Location: Fair Lawn, NJ
 Client: Garden Commercial Properties
 Architect: Appel Design Group
 Services: Landscape Architecture, Site/Civil

OVERVIEW

A brownfield site, once owned by Kodak on Route 208, was in need of environmental cleanup and redevelopment. Langan provided landscape architecture services for the mixed-use development designed on 10 acres of unusable land. The main entrance to the site from Route 208 is designed as a gateway featuring low decorative knee walls adorned with decorative lighting and accent plantings. The promenade and centerpiece of the site boasts a 30-foot-wide by 256-foot-long area providing two small patio spaces and a permeable paver pathway in a park-like setting, complete with decorative benches and lighting that winds through a cleverly designed landscape.

Technical Excellence Practical Experience Client Responsiveness



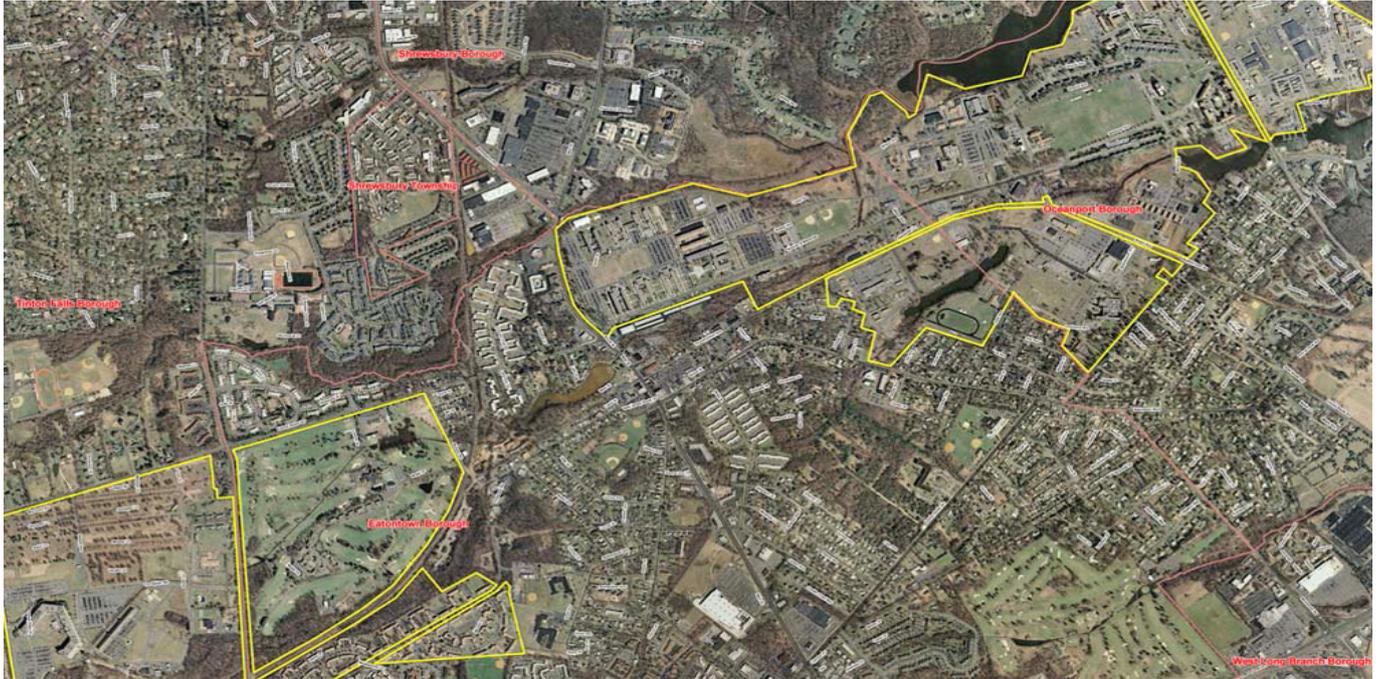
ARCHSTONE CLINTON

Location: New York, NY
 Client: The Dermot Company, Inc.
 Architect: FXCollaborative
 Services: Site/Civil, Geotechnical, Environmental

OVERVIEW

Langan provided engineering services for the 677,000 SF, 600 unit residential mixed-use development in the Clinton redevelopment zone. Archstone consist of two 24-story towers spanning over the depressed tracks of the Amtrak Empire Line and abutting three NYC Department of Transportation (NYCDOT) bridges which created numerous engineering challenges. The soil and groundwater contamination originating from a former gas station on one of the parcels presented additional site challenges.

Technical Excellence Practical Experience Client Responsiveness



FORT MONMOUTH

- Location: Oceanport, Eatontown, and Tinton Falls, NJ
- Client: Various
- Partner: Fort Monmouth Economic Revitalization Authority
- Services: Surveying/Geospatial, Environmental, Traffic & Transportation

OVERVIEW

In May 2012, Fort Monmouth was transferred from the US Army to the State of New Jersey. Under the Fort Monmouth Economic Revitalization Authority (FMERA), the property will be redeveloped to provide investment, continuity and economic growth opportunities to the communities impacted by the closing of the Fort. Langan provided surveying services for the entire 1,100-acre Fort Monmouth site, which will be used to convey the property from FMERA to private developers. We also prepared a traffic impact study associated with the development of the CommVault Headquarters in the Charles Wood area of the Fort. Langan also provided technical review of Matrix Design Group's Baseline Ecological Evaluation.

Technical Excellence Practical Experience Client Responsiveness



700 JACKSON

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

OVERVIEW

Langan is part of a design and construction team completing the investigation, demolition, remediation and design of a two-city block redevelopment in northwest Hoboken.

The project's site design includes three residential high-rise towers (424 units) atop a pedestal comprised of commercial and retail space as well as an open air parking deck incorporated into the rear of the building. The project also includes the design and construction of two public parks and a multi-use community center/gymnasium that will be deeded to the City at the completion of their construction.

Technical Excellence Practical Experience Client Responsiveness



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

Technical Excellence Practical Experience Client Responsiveness



Credit: Visualhouse

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 redevelopment, under the joint guidance of the City, the Metropolitan Transportation Authority, and State of New York initiatives, is in the process of reinventing the Hudson Yards area in midtown Manhattan. Langan has been retained by multiple teams to provide geotechnical, site/civil, environmental, and traffic engineering, seismic design analysis, and surveying services during the pre-design phase of development.

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Credit: Related Companies

BRONX TERMINAL MARKET

| | |
|------------|---|
| Location: | Bronx, NY |
| Client: | The Related Companies |
| Architect: | GreenbergFarrow, BBGM |
| Partner: | Thornton Tomasetti |
| Services: | Environmental, Geotechnical, Site/Civil |

OVERVIEW

Adjacent to the Harlem River and immediately south of Yankee Stadium, the redevelopment of the 18-acre portion of the Bronx Terminal Market included demolition of several of existing buildings, and development of approximately one million square feet of new retail, restaurant and neighborhood services, structured parking for 2,800 vehicles, and a 250-unit hotel.

Technical Excellence Practical Experience Client Responsiveness



365 BOND

- Location: Brooklyn, NY
- Client: The Lightstone Group
- Architect: Hill West Architects, Weintraub Diaz Landscape Architecture
- Partner: Sive Paget & Riesel
- Services: Environmental, Geotechnical, Site/Civil, Surveying/Geospatial, Natural Resources & Permitting, Data Solutions

OVERVIEW

Located along the Gowanus Canal, the two-acre site encompasses an entire rezoned city block that previously functioned as a Standard Oil terminal. The development of this project included the construction of a 12-story, 323,000-SF mixed-use building, a new bulkhead, and a public waterfront esplanade through the New York State Brownfield Cleanup Program with additional oversight from the United States Environmental Protection Agency (USEPA). Our environmental engineers employed a dynamic investigative and remedial approach to usher the project through construction and remediation activities, which were completed concurrently. As part of the Brownfield Cleanup Program, the client will receive significant tax credits for the remediation and development of the property, which was transformed from a neglected site into a vibrant residential community and public park.

Technical Excellence Practical Experience Client Responsiveness



BLUE BACK SQUARE

Location: West Hartford, CT
 Client: Blue Back Square Development
 Services: Site/Civil, Traffic & Transportation, Environmental,
 Geotechnical, Landscape Architecture, Traditional Surveying

OVERVIEW

This urban mixed-use redevelopment is the centerpiece of two large city blocks, providing retail, office, residential and municipal space within the existing town center. It includes the regeneration of a brownfield site, expansion of civic facilities and public open-space, a mix of large and small format retail shops, two municipal parking garages, restaurants, professional and medical offices, a health club, and residential condominiums and apartments.

Technical Excellence Practical Experience Client Responsiveness



CITY PLACE SANTA CLARA

Location: Santa Clara, California
 Client: Related Urban, City of Santa Clara, California
 Services: Site/Civil, Environmental, Geotechnical

OVERVIEW

The overall redevelopment site is the 240-acre former Santa Clara all-purpose landfill, and project plans are for a mixed-use development that includes office, hotel, retail, restaurant, entertainment, residential, and parking space. We are providing integrated site/civil, geotechnical, and environmental services for all project phases.

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THE CAMPUS @ 3333 SCOTT BOULEVARD

Location: Santa Clara, California
 Client: Menlo Equities
 Services: Geotechnical

OVERVIEW

This 30-acre site was one of the last remaining large-development sites between San Francisco and San Jose. Langan performed geotechnical investigations and provided construction observation and testing services for all phases of this project, which consists of seven office buildings, two parking garages, and an amenities building.

Technical Excellence Practical Experience Client Responsiveness



JACK LONDON SQUARE

Location: Oakland, California
 Client: Ellis Partners, LLC
 Services: Geotechnical

OVERVIEW

The Jack London Square Redevelopment project consists of constructing several buildings over the last decade. The buildings were generally constructed in two phases. Phase 1 consisted of a 2-story retail building, a 3- to 6-story retail building, and a 6-story building for retail and parking. Phase 2 development consists of two 1-story retail buildings, a pedestrian bridge, and new streets and sidewalks, and two additional buildings. Langan performed geotechnical investigations for the Phase 1 development and portions of the Phase 2 Development that have been implemented. We also provided geotechnical consultation during final design and permitting and observation services during construction

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