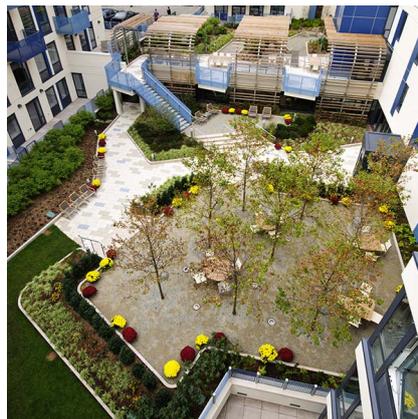


LANDSCAPE ARCHITECTURE ROOFTOP DESIGN



Technical Excellence Practical Experience Client Responsiveness

As our communities expand, grow and are re-imagined, old challenges to successful placemaking become new again. Langan has provided our services on a number of mixed-use developments ranging from those located in dense, urban areas, to repositioning existing development sites, to streetcar suburbs, to exurbs and neo traditional neighborhood development projects. Regardless of the context, today's challenges call for a design and engineering balance between the reality and convenience of private passenger automobile travel coupled with the desire for a well-scaled and compelling pedestrian realm that often includes features such as pedestrian-oriented civic spaces, plazas, rooftop landscapes, curbside dining experiences and other amenities all interconnected by a contiguous sidewalk system.

CONTACT

Jayne Spector, PLA, LEED AP, ASLA

jspector@langan.com

215.845.8916

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HOTEL MONACO

Location: Philadelphia, PA
Client: Kimpton Hotel & Restaurant Group
Services: Site/Civil, Landscape Architecture, Traditional Surveying

OVERVIEW

Langan provided full site/civil engineering and permitting services for the renovation of the landmark Lafayette Building, located in the prestigious Old City historic district, into a four-star Kimpton Monaco Hotel, restaurant and roof-top lounge. Langan landscape architects designed a rooftop garden featuring a large central planter with seating that serves as banquette seating and supports lush plantings.

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Credit: Edmund Hollander Landscape Architects

111 MURRAY STREET

Location: New York, NY
Client: Fisher Brothers
Architect: Kohn Pedersen Fox Associates, PC
Services: Landscape Architecture, Site/Civil, Geotechnical, Traditional Surveying

OVERVIEW

Langan provided a variety of services for 111 Murray Street, a 64-story, 157-unit luxury condominium building in Manhattan's Tribeca neighborhood. The development features an outdoor public plaza and private amenities areas over structure at ground level directly off of Manhattan's West Side Highway. The 10,000-SF public plaza features a custom water feature, open lawn, sculpture, seating and extensive planting. These rooftop gardens are supported by a complex roof structure designed to accommodate the changes in grade and thicker soil profiles to support plant material. Langan served as the landscape architect of record for the project, preparing the detailed design of all rooftop components including planting, furnishings, decorative pavements and public plaza water feature. Langan also designed the support of excavation and obtained city agency approvals from DOB, DEP and City Planning.

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



GRIFFIN COURT

Location: New York, NY
Client: Alchemy Properties, Inc.
Architect: FXCollaborative
Services: Geotechnical, Site/Civil, Landscape Architecture,
Environmental, Traditional Surveying

OVERVIEW

This eight-story luxury residential building is located in the Hells Kitchen neighborhood on the west side of Manhattan on a site with former industrial and commercial uses. The proposed building boasts an 11,000-SF bi-level rooftop garden for residents, along with ground-level retail and commercial space on three street frontages. Nestled at the center of the site, the rooftop garden incorporates contemporary aspects of the building architecture and notable New York park references to create a unique experience for residents. Additionally, Langan provided a full range of design, engineering, and environmental services including the demolition of existing structures, removal of asbestos, underpinning of adjacent off-site structures, and streetscape and utility improvements.

Technical Excellence Practical Experience Client Responsiveness



MD ANDERSON CANCER CENTER AT COOPER - ROOFTOP GARDEN

Location: Camden, NJ
Client: Cooper University Hospital
Services: Landscape Architecture

OVERVIEW

Langan provided comprehensive planning, design and construction phase services for a 5,000-SF rooftop healing garden that will serve as a respite from the clinics and testing facilities. Custom designed planting beds will minimize rooftop loading while providing a healthy growing environment for the plants. A thoughtfully designed drainage system will conduct water to roof drains below the paving and planting areas. The project includes a significant amount of sustainable design elements and features the use and interpretation of plants that have been used in the fight against cancer.

AWARDS

USGBC NJ Emerald Award - Urban Green Project

Technical Excellence Practical Experience Client Responsiveness



225 EAST 39TH STREET

Location: New York, NY
Client: Fisher Brothers
Architect: Handel Architects, LLP
Services: Landscape Architecture, Geotechnical, Site/Civil, Traditional
Surveying

OVERVIEW

Langan provided a variety of services for 225 East 39th Street, a 37-story, 372-unit luxury apartment building located a few blocks from Grand Central Station. The development includes outdoor amenity spaces at the 1st, 2nd and 35th floor levels and a drop-off driveway connecting two street frontages with access to below grade parking. The 1st floor plaza serves as an extension of the interior lobby with decorative paving and planters that mimic the interior floor patterns. The 2nd floor rooftop garden provides active and passive recreation opportunities including playground equipment, bocce court, shuffle board and lawn area with seating. The 35th floor rooftop features a custom outdoor fire pit and seating area, spa, kitchens with private seating areas. Langan served as the landscape architect of record for the project, preparing the detailed design of all amenity rooftop components including planting, furnishings, decorative pavements and green screens. Langan also designed the support of excavation and obtained city agency approvals from DOB, DEP and FDNY.

Technical Excellence Practical Experience Client Responsiveness



CENTROVERDE AT MONTCLAIR

Location: Montclair, NJ
Client: LCOR
Architect: Lessard Design
Services: Site/Civil, Geotechnical, Landscape Architecture,
Surveying/Geospatial

OVERVIEW

Langan is the engineer for the design and construction inspection of this mixed-use project in the heart of Montclair. Phase 1 of the development includes two, six-story mixed-use buildings, totaling 306,000 SF. The 25,000-SF ground floor of building one will be entirely office, with 138 apartments on the upper floors. Building two will consist of 27,500 SF of retail space on the first floor and 124 apartment units above. Both buildings will have amenity space and open landscaped courtyards with seating and grilling areas. The upper roof of building two will contain a green roof section with a full kitchen. Phase 2 includes an approximate 100,000-SF hotel with 100 rooms with a restaurant, amenities and conference room space.

Technical Excellence Practical Experience Client Responsiveness



OOSTEN CONDOMINIUM (429 KENT AVENUE)

Location: Brooklyn, NY
Client: R Black Global, XIN Development
Architect: Piet Boon, WASA/Studio A
Partner: Wexler Associates
Services: Site/Civil, Geotechnical, Environmental, Landscape
Architecture

OVERVIEW

Langan provided multiple design and construction administration services for this new eight-story, 500,000-GSF condominium that encompasses an entire block along the South Williamsburg waterfront. Langan's landscape design services included designs for ground level planting and three levels of rooftop amenity space. Our environmental engineers established a Remedial Action Plan (RAP) and Construction Health and Safety Plan (CHASP) to remediate approximately 95,000 SF of property. Langan's geotechnical staff completed a subsurface investigation, seismic evaluations, and provided recommendations for foundation design and construction. Site/civil engineering services included full engineering sets from schematic to final bid documents.

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WASHINGTON FIRST PLAZA

Location: Jersey City, NJ
Client: The Athena Group, LLC
Architect: SLCE Architects
Services: Landscape Architecture, Site/Civil, Environmental,
Geotechnical

OVERVIEW

Langan provided landscape, site/civil engineering, and urban design services for the residential redevelopment on a brownfield site in downtown Jersey City. The project features a linear urban park, streetscape and a roof terrace in conjunction with a 33-story multi-use tower. A common materials palette of brick, granite and steel is utilized throughout the project that lends a Lower Manhattan ambiance to the designed spaces.

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QUEENS PLAZA - DUTCH KILLS GREEN

Location: Long Island City, NY
Client: NYC Economic Development Corporation, NYC Department of City Planning
Partner: Wallace, Roberts & Todd, Margie Ruddick Landscape
Services: Site/Civil, Environmental, Landscape Architecture, Traditional Surveying

OVERVIEW

Langan provided multi-disciplinary services in the areas of urban design, streetscape, site/civil, environmental and traffic engineering and NEPA review services for a bicycle and pedestrian improvement project at Queens Plaza. The plaza is the gateway connecting the Queensboro Bridge to Long Island City and is a highly traveled area. Langan prepared site engineering drawings that consisted of grading, drainage, utility, builders pavement plans, roadway profiles, signing, striping, traffic signal, and maintenance and protection of traffic (MPT). At the start of the project, Langan worked with the multi-disciplinary design team to develop the concept of 'the blue thread', a system of interconnected urban wetlands that would filter runoff water from the Queensboro Bridge and the elevated railway structures.

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OCTAGON PARK APARTMENTS

Location: Roosevelt Island, NY
Client: Octagon Development, LLC
Architect: Becker & Becker Associates
Services: Landscape Architecture, Site/Civil

OVERVIEW

Langan provided landscape, site architecture, site/civil engineering and urban design services for the redevelopment of an historic Roosevelt Island hospital complex as a luxury residential development. Langan designed the adjacent streetscapes, waterfront esplanade and a 2-acre eco-park with a geothermal sculpture garden. The landscape concept was to create a blend of old and new New York, incorporating native and horticultural plant species with traditional paving, seating and lighting elements in a contemporary and artful manner.

AWARDS

LEED Silver Certification

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THE JEFFERSON

Location: Hackensack, NJ
Client: Garden Commercial Properties
Architect: Minno Wasko Architects and Planners
Services: Landscape Architecture, Geotechnical, Natural Resources & Permitting

OVERVIEW

The Jefferson is located on a 6-acre lot in Bergen County, NJ. The site is a former Bergen County owned Department of Public Works facility and currently contains several existing unoccupied buildings and asphalt parking lots. Once completed, the residential building will be four-stories high, containing 377 apartments, over a two-level podium parking. An additional 2-levels of residential units are proposed at the ground level wrapping the parking structure on the west and north sides. The Jefferson boasts approximately 56,000 total SF of rooftop amenity space, spread out over five distinct courtyards, and all on the 3rd floor above the podium parking.

Technical Excellence Practical Experience Client Responsiveness