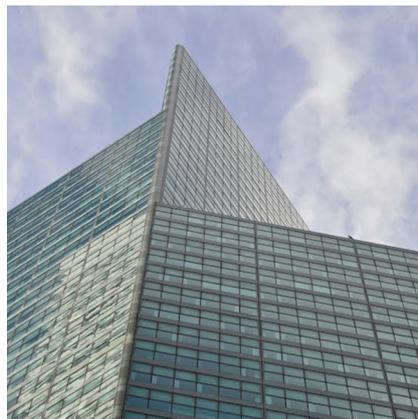


RESIDENTIAL



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Hello there.

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COOPER CROSSINGS RESIDENTIAL DEVELOPMENT

Location: Trenton, NJ
Client: Westrum Urban Land Development
Services: Site/Civil, Surveying/Geospatial, Landscape Architecture

OVERVIEW

Langan provided design services for the Cooper Crossings residential development. The development, which consists of 88 residential townhomes, will replace a vacant former housing authority property. The overall design requires coordination with the other project consultants and phasing of the proposed development with demolition of existing structures and future roadway improvements to surrounding roads. Langan provided surveying, site/civil engineering and landscape architecture services to prepare plans and reports for preliminary and final site plan approval from the City of Trenton. Additionally, Langan helped obtain permits from the New Jersey Department of Transportation, Mercer County Planning Department, and Mercer County Soil Conservation District.

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ARO - 242 WEST 53RD STREET

Location: New York, NY
Client: Algin Management
Architect: CetraRuddy Architecture
Partner: Tectonic
Services: Site/Civil, Geotechnical, Surveying/Geospatial, Environmental

OVERVIEW

242 West 53rd Street is a 60-story residential tower with two cellar levels in Manhattan's Theater District. Langan is providing geotechnical, site/civil and environmental engineering services throughout the project and completed a topographic survey for the property. Langan is also providing special inspection services for geotechnical and environmental aspects during construction. We provided oversight for soils handling and disposal of contaminated soils and assisted in securing closure for environmental cleanup efforts.

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HOPE VI - MILLER HOMES RESIDENTIAL REDEVELOPMENT

Location: Trenton, NJ
Client: Pennrose Properties, Inc.
Architect: Kitchen & Associates
Services: Site/Civil, Geotechnical, Environmental, Surveying/Geospatial,
Landscape Architecture, Natural Resources & Permitting,
Demolition

OVERVIEW

Langan provided a coordinated in-house multi-discipline approach of services to support this 9.4-acre Hope VI residential redevelopment which includes 182 affordable housing units (rentals), a 4,500 SF community building, open space and site amenities. This redevelopment provides Trenton with the opportunity to demolish an existing blighted and abandoned residential apartment tower complex and provides a new pedestrian- friendly townhouse neighborhood design.

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Credit: Lenity Architecture

NORTH HAVEN SENIOR LIVING

Location: North Haven, CT
Client: Lenity Architecture
Services: Site/Civil, Geotechnical, Environmental, Surveying/Geospatial,
Traffic & Transportation, Landscape Architecture

OVERVIEW

Langan is providing multiple engineering and environmental services for the proposed two-story 90,000-SF senior living facility and site improvements. Langan performed a geotechnical exploration consisting of SPT borings and provided a geotechnical engineering study outlining recommendations for design and construction. We are also providing civil engineering services such as site, grading, drainage, and utility design, as well as a boundary and topographic survey of the project area to use as a base map for improvements.

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173 AND 176 PERRY STREET - FLOOD MITIGATION

Location: New York, NY
 Client: Brown Harris Stevens Residential Management
 Architect: Brian Messena Architect
 Partner: Israel Berger & Associates, Robert Silman Associates, AKF Group
 Services: Site/Civil, Traditional Surveying

OVERVIEW

Langan provided engineering design services related to dry flood proofing of existing residential buildings in the West Village in Lower Manhattan. Our services included preparation of a number of flood barrier schemes, and preparation of plans and specifications for the selected design. Our design included pumps to be installed on the dry side of the flood wall to collect water from seepage and rain during storm events and seepage under the wall. Langan also developed an interim flood mitigation strategy prior to the construction of the permanent system.

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1535 BEDFORD AVENUE

Location: Brooklyn, NY
 Client: Adam America Real Estate
 Architect: Issac & Stern Architects
 Services: Geotechnical, Environmental

OVERVIEW

Langan is providing geotechnical and environmental services related to the construction of a 10-story, 28,156-SF residential building in the Crown Heights neighborhood of Brooklyn. Langan performed a remedial investigation that identified a petroleum plume extending to the regional groundwater table, about 130 feet below grade level. Remediation included the excavation of approximately 30,500 tons of soil/fill and the removal of 23 buried tanks, as well as the design and installation of a soil vapor extraction (SVE) system incorporated into the building foundation. Langan also prepared a noise remediation plan that is being implemented to satisfy the noise 'E' requirements. Langan's geotechnical engineers completed a subsurface investigation along with a report that provided foundation design recommendations.

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