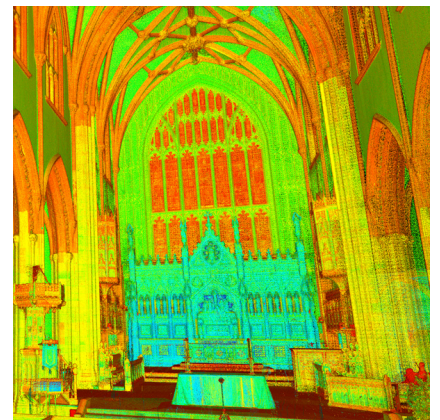


PROJECT SPOTLIGHT TOUR: LANGAN LEADER, MARCH 2018



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Learn more about Langan's involvement in our featured projects.

Green Street Dog Park - Philadelphia, PA
Turnberry Ocean Club - Sunny Isles Beach, FL
Lincoln Centre Life Sciences Research Campus - Foster City, CA
Dwight-Englewood School - Englewood, NJ
Northville Industries - Oil Storage Terminals - Long Island, NY
Trinity Church Renovation - New York, NY

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GREEN STREET DOG PARK

Location: Philadelphia, PA
Client: Spring Garden Community Development Corporation
Services: Landscape Architecture, Site/Civil, Geotechnical,
Surveying/Geospatial

OVERVIEW

Langan provided landscape architecture, surveying, site/civil, and geotechnical engineering services to develop the design, obtain permits, and oversee the construction of a 12,000-SF dog park in the heart of Philadelphia's Spring Garden neighborhood. The design converted an empty, asphalt lot into a dog park that features large open areas, a bull pen entry, synthetic dog turf that allows season-round use with no mud, seating areas, and a landscaped perimeter. Langan also assisted the Spring Garden Community Development Corporation in obtaining a \$300,000 grant from the Pennsylvania Department of Conservation and Natural Resources to defray construction and design costs for the park. You can see more of the park's happy users at #greenstreetdogpark on Instagram.

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TURNBERRY OCEAN CLUB

- Location: Sunny Isles Beach, FL
Client: Turnberry Associates
Architect: Carlos Zapata Studio , Robert M. Swedroe Architects & Planners
Partner: DeSimone Consulting Engineers
Services: Geotechnical, Environmental

OVERVIEW

Turnberry Ocean Club is a 54-story tower over a subterranean parking level situated on a 100,000-SF ocean-front site. The club offers 154 luxury residences with various amenities including multiple pools, private beach access, spa, indoor/outdoor fitness center, and indoor/outdoor dining areas. Langan provided geotechnical and environmental engineering services for the project. Challenges included high-tower foundation pressures, variable subsurface conditions, deep excavation, and high groundwater level and permeable conditions.

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LINCOLN CENTRE LIFE SCIENCES RESEARCH CAMPUS

Location: Foster City, California
Client: BioMed Realty Trust, Inc.
Architect: HOK
Services: Geotechnical, Environmental, Earthquake/Seismic

OVERVIEW

Located on the Peninsula, Lincoln Centre is a 595,000 SF biomedical and life sciences research campus redevelopment. The buildings of the former industrial park were demolished. The development now includes three office/laboratory buildings, three parking structures, and an amenities building. Langan performed a geotechnical investigation and site-specific seismic studies, updated the Phase I Environmental Site Assessment, conducted a Limited Environmental Site Characterization, and provided construction observation and analytical testing services.

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DWIGHT-ENGLEWOOD SCHOOL

Location: Englewood, NJ
Client: Dwight-Englewood School
Services: Site/Civil, Geotechnical, Environmental, Surveying/Geospatial,
Traffic & Transportation

OVERVIEW

Dwight-Englewood School is a diverse, independent school with 900 students ranging from preschool through 12th grade. Through a collaborative process, Langan and the project team took a unique approach to designing the new STEM facility, teaching garden, and additional improvements to campus parking connectivity. Langan helped to overcome land development issues on a challenging property, which included extensive grade changes, shallow rock, and existing infrastructure on an active campus.

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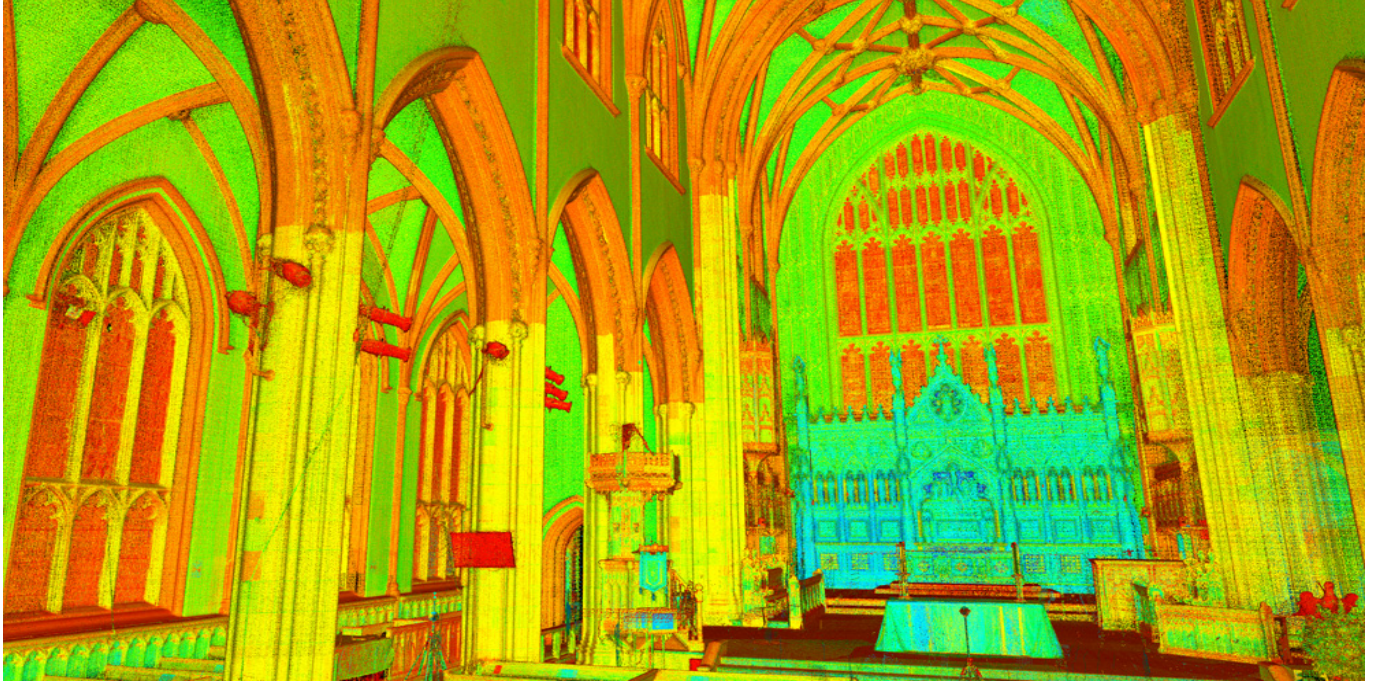
NORTHVILLE INDUSTRIES - FRP & SPCC PLANS FOR OIL STORAGE TERMINALS

Location: Long Island, NY
Client: Northville Industries
Services: Environmental Compliance

OVERVIEW

To assist with a scheduled 5-year-plan renewal, Langan conducted site inspections and prepared amendments to spill contingency plans for Northville Industries' oil storage terminal facilities on Long Island, New York. The plan amendments included revisions to the text and facility diagrams for Facility Response Plans (FRP) and Spill Prevention, Control and Countermeasure (SPCC) Plans in order to address changes to secondary containment and piping systems. Our survey team prepared schematic diagrams detailing the complex piping systems at both terminal facilities. Plan amendments were certified by a Langan professional engineer licensed in New York.

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TRINITY CHURCH RENOVATION

Location: New York, NY
Client: Episcopal Diocese of New York
Architect: Murphy Burnham & Buttrick (MBB)
Services: Terrestrial Scanning/BIM, Geotechnical, Site/Civil

OVERVIEW

For over 300 years, Trinity Church has been an integral part of New York City history and the Episcopal parish. Established in 1697, the original building has undergone major changes, and after three subsequent additions, the church initiated one of its most ambitious renovation projects, to date. Interior repairs, new wheelchair-accessible ramps around the perimeter, and a low canopy on the church's south side, to shelter processions from the elements, will enhance the experience of worship, address overdue maintenance, and make the church and property readily accessible. Langan surveyors performed a 3D laser scan of the interior of the church. We are also providing geotechnical and site/civil engineering services for the project.

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