

JUNE LEADER DRAFT

Technical Excellence Practical Experience Client Responsiveness



PARKSIDE EDGE

Location: Philadelphia, PA
Client: Fairmount Park Conservancy In partnership with City of Philadelphia Parks & Recreation Department
Architect: Studio Bryan Hanes
Services: Site/Civil, Traffic & Transportation

OVERVIEW

Parkside Edge is the first phase of a transformative park and community involvement project, which beautifies the edge of Parkside Avenue in Philadelphia, and creates new (and safer) pedestrian and community connections into West Fairmount Park. The 5-acre site revitalizes the area by adding gathering spaces in neighborhood open-air 'living rooms,' lush landscaping, more and safer pedestrian connections into the park, and attractive rain gardens, as part of a green stormwater infrastructure system. Langan provided engineering services, ranging from survey to site-civil design of innovative green stormwater infrastructure, from design of traffic calming (such as a mid-block crossing with RRFBs) to permitting and construction support services.

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Credit: Robert Benson Photography
courtesy of Svigals + Partners

RONALD MCDONALD HOUSE

Location: New Haven, CT
Client: Ronald McDonald House
Architect: Svigals + Partners
Services: Environmental, Geotechnical, Surveying/Geospatial

OVERVIEW

The new Ronald McDonald House of Connecticut is a non-profit, 28,000-SF home comprised of 12 bedrooms, a handicapped accessible kitchen, dining room, family room with all the amenities of a home, laundry facilities and off street parking is being constructed close to Yale-New Haven Hospital, Hospital of St. Raphael and downtown New Haven. Prior to the redevelopment, Langan provided due diligence services and completed a phase II subsurface investigation to assess former property uses. Langan also prepared a soil management plan outlining the procedures for documentation, excavation, management and reuse of historical urban fill at the property for use during construction. Our geotechnical team conducted a subsurface exploration to develop geotechnical design and construction recommendations along with providing construction oversight services for foundation construction.

AWARDS

Connecticut Building Congress (CBC) 2018 Project Team Award - Award of Merit - New Construction

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US EMBASSY - NEW EMBASSY COMPOUND, MEXICO CITY

Location:	Mexico City, Mexico
Client:	US Department of State, Office of Overseas Buildings Operations (OBO)
Architect:	Tod Williams Billie Tsien Architects Partners, Davis Brody Bond
Partner:	Thornton Tomasetti, WSP, Michael Van Valkenburgh Associates
Services:	Site/Civil, Geotechnical, Traffic & Transportation, Surveying/Geospatial

OVERVIEW

Langan provided site/civil, geotechnical, traffic/transportation, and survey design/engineering services for a new US Embassy in Mexico City, Mexico. The proposed New Embassy Compound (NEC) will be built on an eight-acre urban site located in the Miguel Hidalgo section of Mexico City. The main features of the NEC will include a new office building, outdoor plazas and sunken courtyards, recreation facilities, compound access centers, utility building, marine security guard residence, underground parking garage, warehouse, shops, service court, and significant utility infrastructure.

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UCSF MISSION BAY - CENTER FOR VISION NEUROSCIENCE

Location: San Francisco, California
Client: Webcor
Architect: SmithGroupJJR
Partner: The Regents of the University of California
Services: Geotechnical

OVERVIEW

Plans for the new Center for Vision Neuroscience call for a 12-story building with 5-story south wing and a 3-story north wing. It will house ophthalmology clinics as well as teaching, research, conference, and administrative space. Langan explored subsurface conditions and evaluated existing data from explorations by others. The previous consultant recommended pile foundations, but we saved the team money by recommending ground improvement to allow for the building to be supported on shallow mat foundation. During construction, we observed installation and testing of displacement column ground improvement, site preparation, and other geotechnical-related construction items.

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FULFILLMENT CENTER - THORNTON, CO

Location: Thornton, CO
Client: Trammell Crow Company , Clarion Partners
Services: Site/Civil, Natural Resources & Permitting

OVERVIEW

Langan provided multi-disciplined engineering and permitting services for this three-story, 855,000-SF sort fulfillment center. Our work started with conceptual site planning and will finish with the completion of construction. Langan was responsible for site/civil engineering for the project site, roadway and infrastructure design for three new city streets, traffic engineering and permitting with the Army Corps of Engineers and the Urban Drainage and Flood Control District. We also designed the relocation of an irrigation canal that traversed the site to avoid conflicts with the preferred site layout.

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WASTE COMPLIANCE AUDIT

Location: Pompano Beach, FL
Client: Stimpson Company
Services: Environmental Compliance

OVERVIEW

Langan performed a waste compliance audit for Stimpson Company in Pompano Beach, Florida. These services included auditing the facility's waste generation, storage, and disposal processes with the goal of identifying areas of non-compliance and proposing corrective actions. The audit consisted of a database review (USEPA, FDEP, and Broward County) and document request/review prior to visiting the facility, allowing Langan to improve the efficiency and comprehensiveness of the audit.

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