

BAY AREA OFFICE/CAMPUS PROJECTS

Technical Excellence. Practical Experience. Client Responsiveness.



BAYSHORE TECHNOLOGY PARK

Location: Redwood City, California
Client: Prudential c/o Harvest Properties
Services: Site/Civil, Geotechnical, Environmental, Traditional Surveying,

OVERVIEW

The one million-square foot Bayshore Technology Park exemplifies Langan's expertise with landfill redevelopment and the integration of our core engineering disciplines: site/civil, geotechnical, and environmental. We provide engineering design, permitting and bid/construction administration support for various site improvement projects throughout the campus. These site improvements support the flexibility and growth of the Park, which touts amenities that go beyond office space: fitness facilities, basketball courts, walking trails, and a Cal Train shuttle, among other amenities.

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TEXAS INSTRUMENTS CORPORATION

Location: Palo Alto & Santa Clara, CA, & Puyallup, WA

Client: Texas Instruments Corporation

Services: Environmental, Site/Civil,

OVERVIEW

Langan has worked on various Texas Instruments Corporation sites managing groundwater monitoring programs, designing and implementing remedial programs and working with regulatory agencies towards site closures.

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EQUINIX DATA CENTERS

Location: San Jose, CA
Client: Equinix, Inc., J.T. Magen & Company Inc.
Services: Site/Civil, Geotechnical, Environmental,

OVERVIEW

Langan is providing multidiscipline services during construction of the Equinix SV10 development, a multi-phased project consisting of two data centers on the 11.5-acre site. The new data center buildings will house computer servers and supporting equipment for private clients, as well as associated office uses, in environmentally controlled structures.

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Credit: DES Architects + Engineers and HCP

BRITANNIA COVE AT OYSTER POINT

- Location: South San Francisco, California
- Client: Project Management Advisors, Inc.
- Architect: DES Architects + Engineers and HCP
- Services: Geotechnical,

OVERVIEW

Britannia Cove at Oyster Point is a massive biotechnology business complex consisting of 884,000-SF of office buildings, 20,000-SF of retail space, a hotel, and 6-story and 2-story parking structures. Located along the Bay, the site is underlain by fill and soft clay (Bay Mud). Part of Langan's scope of services included using geophysical methods to detect where foundations and railroad ties from former site uses were buried underground.

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THE EXCHANGE

Location: San Francisco, California
Client: Kilroy Realty Corporation
Architect: Rios Clementi Hale
Services: Geotechnical, Earthquake/Seismic, Environmental,

OVERVIEW

The Exchange reflects urban life and the Mission Bay's rapid revitalization. Targeted for LEED Platinum certification, the estimated \$485-million development will provide 680,000 SF of office space and parking in four interconnected buildings (two 7-story and two 12-story buildings). Designed for today's workforce, The Exchange also offers ground-level retail space, a café, a lobby bike spa, rooftop gardens, and waterfront views. Due to our experience in the Mission Bay area, we were able to help the client select the most efficient and economical foundation system for the project while mitigating potential seismic hazards. Langan also completed an environmental investigation program and prepared a Site Mitigation Plan.

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MAUDE & MATHILDA R&D CAMPUS - LINKEDIN & APPLE

Location: Sunnyvale, California
 Client: Kilroy Realty Corporation
 Services: Environmental, Geotechnical,

OVERVIEW

Maude & Mathilda Research & Development (R&D) office campus is Class A office space that consists of three mid-rise buildings, an amenities building, and a five-level parking garage. Apple and LinkedIn occupy the 560,000 SF campus. Langan worked with the project team to evaluate options to mitigate potential volatile organic compound (VOC) vapor intrusion conditions for the site development, and to prepare design documents for the selected remedies.

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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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VISA METRO CENTER

Location: Foster City, California

Client: VISA USA

Services: Geotechnical,

OVERVIEW

Langan provided geotechnical services for the design and construction of VISA's West Coast headquarters in Foster City. The project consisted of two 12-story office towers and adjacent 4-story parking structures. Foundations for the buildings include 125-foot-long, 14-inch-square, reinforced concrete piles designed for allowable loads of 130 tons. The piles extend through 50 to 60 feet of man-made fill and weak marine deposits, taking support in stiff clay and dense sand at depth.

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ADOBE SYSTEMS TOWER

Location: San Jose, California
Client: Randy Knox
Services: Geotechnical, Earthquake/Seismic,

Langan performed geotechnical investigations for Adobe System's third tower in San Jose. Langan developed geotechnical conclusions and recommendations and provided recommendations for a mat foundation, as well as shoring and underpinning recommendations for the adjacent properties. Our team also developed earthquake design criteria and site-specific design spectra.

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SALESFORCE TOWER

Location: San Francisco, California
Client: Boston Properties, Hines
Architect: Pelli Clarke Pelli Architects, Kendall/Heaton Associates
Partner: Magnusson Klemencic Associates, Clark Construction
Services: Environmental,

The new Salesforce Tower is the tallest building in San Francisco's stunning skyline. This 1.4 million SF, 60-story high-rise office building contains two to four levels of below-grade parking and many sustainability features. The tower will connect directly to the new Transbay Transit Center and will be linked to a large public park with ample recreational and green space.

Langan's environmental team is providing consulting services for this project, including soil and groundwater sampling, Site Mitigation Plan, oversight during excavation activities, project management, sampling and chemical analysis during soil handling and disposal activities.

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5000 SHORELINE

Location: South San Francisco, California
Client: Actelion Pharmaceuticals, Jones Lang LaSalle
Services: Site/Civil, Environmental,

OVERVIEW

Langan developed repair plans for the site around the existing building to mitigate differential settlement. The existing building, currently occupied by Actelion Pharmaceuticals and managed by Jones Lang LaSalle, was constructed over ten years ago on the Sierra Point Landfill. The site experienced significant settlement relative to the pile-supported building resulting in the need for site improvements. Langan also worked with the owner to address concerns on the operation of the existing methane mitigation system.

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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.

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