

SAN FRANCISCO PENINSULA EXPERIENCE

CONTACT

Andrew Bro, PE, GE
Senior Project Manager
Direct: 415.955.5217
abro@langan.com

Technical Excellence. Practical Experience. Client Responsiveness.



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. Undergoing construction are 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 now are providing construction observation and analytical testing services.

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.

Technical Excellence. Practical Experience. Client Responsiveness.



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.

Technical Excellence. Practical Experience. Client Responsiveness.



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.

Technical Excellence. Practical Experience. Client Responsiveness.



THE CAMPUS @ 3333 SCOTT BOULEVARD

Location: Santa Clara, California

Client: Menlo Equities

Services: Geotechnical

OVERVIEW

This 30-acre site was one of the last remaining large-development sites between San Francisco and San Jose. Langan performed geotechnical investigations and provided construction observation and testing services for all phases of this project, which consists of seven office buildings, two parking garages, and an amenities building.

Technical Excellence. Practical Experience. Client Responsiveness.



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.

Technical Excellence. Practical Experience. Client Responsiveness.



SEAPORT PLAZA

Location: Redwood City, California
Client: William Wilson & Associates
Services: Geotechnical

OVERVIEW

Langan performed a geotechnical investigation and provided services during construction for the Seaport Plaza. The 5.7-acre site is south of Redwood Creek. The general area was once part of the tidelands and subsequently a salt evaporation pond. The development consists of two 3-story office buildings, surrounding parking lots, an entrance court yard, and raising existing levees. The lower building level is partially below grade and used for parking. A key geotechnical issue was the presence of 16 to 25 feet of weak, compressible Bay Mud.

Technical Excellence. Practical Experience. Client Responsiveness.



PORT OF REDWOOD CITY

Location: Redwood City, CA
Client: Port of Redwood City
Services: Geotechnical, Site/Civil, Environmental

OVERVIEW

The Wharves 1 & 2 Replacement Project involved demolition of an existing timber wharf and construction of a concrete wharf in addition to civil engineering site improvements. The site is underlain primarily with soft to stiff clay (i.e. Bay Mud) such that long-term settlement impacts needed to be considered in time design solutions. The project includes phased demolition plans, erosion control, design-build site improvement plans, and permit acquisition of the active port as well as RCRA closure of the former Gibson Environmental facility. Grading was an important aspect of this project due to strict conformance to FEMA, sea level rise, and City Flood Plain Elevation regulations.

Technical Excellence. Practical Experience. Client Responsiveness.



SFO LONG TERM PARKING GARAGE NO. 2

Location: South San Francisco, California
Client: DLR Group | Kwan Henmi, Nibbi Brothers
Architect: DLR Group | Kwan Henmi
Services: Geotechnical, Earthquake/Seismic

OVERVIEW

As part of the San Francisco International Airport (SFIA) strategic plan to increase long-term parking capacity, SFIA is adding more than 3,000 long-term parking spaces for travelers. Langan provided geotechnical engineering services through design and construction for the new Long Term Parking Garage No. 2, a multi-level above ground parking structure within the Airport's Lot DD.

Technical Excellence. Practical Experience. Client Responsiveness.



MISSION BAY REDEVELOPMENT

Location: San Francisco, California

Client: Multiple Clients

Services: Geotechnical, Environmental, Earthquake/Seismic, Site/Civil

OVERVIEW

Langan has been providing consulting services for the Mission Bay development since 1991. Services include geotechnical, environmental, civil, and methane mitigation. Mission Bay is a 303-acre site under redevelopment with projects, such as residential, commercial, sports, educational, laboratory, and technology facilities, parks, and new infrastructure. Built on land reclaimed in the 1880s, the site was underlain by heterogeneous fill and weak and compressible Bay Mud.

Technical Excellence. Practical Experience. Client Responsiveness.