

**LOS ANGELES EXPERIENCE**

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Technical Excellence   Practical Experience   Client Responsiveness

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## PARK FIFTH

Location: Los Angeles, CA  
Client: MacFarlane Partners  
Services: Geotechnical, Environmental

### OVERVIEW

Langan is providing geotechnical engineering and environmental services for a proposed residential development. The development will include a mid-rise 7-story residential building and a high-rise 23-story residential tower. The project site is located on an approximately 98,900-SF foot lot in the Historic Core neighborhood in the City of Los Angeles. Project challenges include proximity of the proposed development to the limits of the site and adjacent historic structures and below grade tunnel constructions.

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## LOS ANGELES FOOTBALL CLUB - BANC OF CALIFORNIA STADIUM

Location: Los Angeles, CA  
Client: Los Angeles Football Club  
Services: Geotechnical, Site/Civil

### OVERVIEW

Langan provided multidiscipline engineering services in support of the design and construction of the a new stadium for the Major League Soccer's Los Angeles Football Club. The 22,000-seat stadium and ancillary structure are being built on a 75-acre site adjacent to the landmark Los Angeles Memorial Coliseum and Exposition Park. During planning and entitlements, Langan performed a hydrology study, developed a preliminary grading plan, provided a utility supply assessment in support of an Environmental Impact Report Addendum, and completed a preliminary geotechnical investigation. During the design phase, we also performed a supplemental geotechnical investigation.

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## LOS ANGELES CHARGERS TRAINING FACILITY

Location: Costa Mesa, CA  
Client: Los Angeles Chargers (AG Spanos Companies)  
Services: Geotechnical, Site/Civil, Surveying/Geospatial

### OVERVIEW

Langan provided multi-discipline engineering services in support of the new Los Angeles Chargers NFL training facility and team headquarters in Costa Mesa, California. The project site is a 5-acre redevelopment parcel that required tenant and parking improvements with the construction of new practice fields. As part of the design phase, Langan provided grading and utilities design, land surveying, Storm Water Pollution Prevention Plan (SWPPP), and SWPPP monitoring/inspection. Geotechnical services included materials testing, observation and testing of earthwork, subgrades for shallow foundations and concrete flatwork, and deep foundations for both practice fields.

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## UCLA CENTER FOR HEALTH SCIENCES

Location: Westwood, California  
Client: Nabih Youssef & Associates  
Services: Geotechnical, Earthquake/Seismic

### OVERVIEW

Langan developed site-specific response spectra and time histories for the University of California, Los Angeles Center (UCLA) for Health Sciences. We performed probabilistic seismic hazard analysis (PSHA) and deterministic analysis to develop smooth, site-specific horizontal spectra for two levels of shaking corresponding to the Design Basis Earthquake (DBE) and Maximum Considered Earthquake (MCE).

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