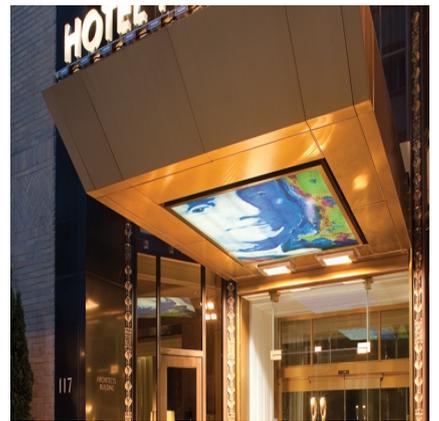
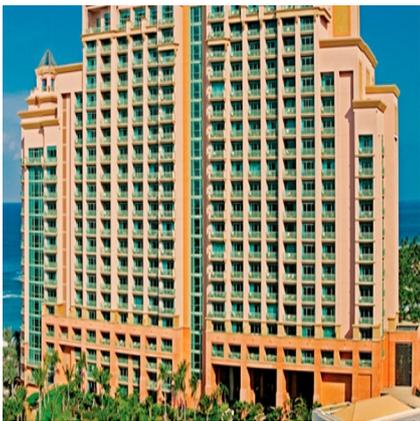


LANGAN INTERNATIONAL HOTEL & RESORT QUALIFICATIONS



Technical Excellence. Practical Experience. Client Responsiveness.

Technical Excellence. Practical Experience. Client Responsiveness.



Credit: SOM | © Future Brand

FOUR SEASONS BAHRAIN

Location: Bahrain Bay, Manama, Kingdom of Bahrain
Client: Signature Hotels Management Company S.P.C.
Architect: Skidmore, Owings & Merrill LLP
Services: Site/Civil, Geotechnical, Traffic & Transportation

OVERVIEW

Langan is providing site/civil engineering, transportation/parking services, and geotechnical peer review for the fast-tracked design of the iconic Four Seasons Hotel. The project consists of a 50-story, approximately 218-meter hotel tower with associated guest amenities, surface and basement level parking and outdoor facilities on a self-contained and reclaimed island in Bahrain Bay. The hotel is projected to be the tallest tower in the Kingdom of Bahrain.

Technical Excellence. Practical Experience. Client Responsiveness.



ALOFT CITY CENTRE HOTEL

Location: Deira, Dubai, United Arab Emirates
Client: Robert Bird Group
Partner: Laing O'Rourke
Services: Geotechnical

OVERVIEW

The Aloft City Centre is a new hotel developed by Majid Al Futtaim adjacent to the existing Deira City Centre Mall. Situated on the southern side of the mall, off Baniyas Road, the hotel will include a mix of standard rooms and suites, and will offer views to the Dubai Creek Gold and Yacht Club, Dubai Creek, and the skyline of Dubai. Langan provided full geotechnical engineering services on the project.

Technical Excellence. Practical Experience. Client Responsiveness.



ATLANTIS

Location: Paradise Island, Nassau, Bahamas
Client: Kerzner International
Architect: WATG, HKS, EDSA
Services: Geotechnical

OVERVIEW

This mega resort development is the largest in the Bahamas and included two 22-story hotel towers, a water park, Mayan-style temple, pools, amusement park amenities, and various support structures. Expansions to the existing casino and conference center were also part of the project. Langan provided geotechnical consulting in support of the project.

Technical Excellence. Practical Experience. Client Responsiveness.



SANTA MARIA GOLF & COUNTRY CLUB

Location: Panama City, Panama
Client: Santa Maria Golf & Country Club
Architect: EDSA
Services: Site/Civil, Geotechnical, Traffic & Transportation

OVERVIEW

Santa Maria Golf & Country Club is a high-end, 700-acre mixed-use development located along the Corredur Sur. It includes retail and restaurant space, residences, and a Jack Nicklaus golf course. Langan provided complete site/civil and traffic design for the on-site roads, drainage, and utility infrastructure from the conceptual phase through construction documents. One of the greatest site-specific challenges was the design of over 30 acres of on-site, man-made lakes to act as stormwater management and high-quality site amenities, which will be constructed in fill materials.

Technical Excellence. Practical Experience. Client Responsiveness.



DESARROLLO VISTAS

Location: Costalegre, Jalisco, Mexico
Client: RLD
Services: Site/Civil

OVERVIEW

Two hours from Puerto Vallarta, a seaside resort is proposed on property that stretches over 1,200 hectares of undeveloped land with 8 kilometers of beach front. Desarrollo Vistas will be a self-sustaining, master planned community that will be built with gratefulness and respect for the environment and the natural elements of the property. Private residents, hotels, beach clubs and a fisherman village are envisioned.

Technical Excellence. Practical Experience. Client Responsiveness.



TURNING STONE CASINO AND RESORT

Location: Verona, NY
Client: Oneida Indian Nation
Architect: EDSA
Services: Site/Civil, Geotechnical

OVERVIEW

The expansion of the casino included a new main entrance, a 22-story high-rise tower, a four-story hotel and luxury spa, and a five-story parking garage.

Technical Excellence. Practical Experience. Client Responsiveness.



HOTEL MONACO

Location: Philadelphia, PA

Client: Kimpton Hotel & Restaurant Group

Services: Site/Civil, Landscape Architecture, Traditional Surveying

OVERVIEW

Langan provided full site/civil engineering and permitting services for the renovation of the landmark Lafayette Building, located in the prestigious Old City historic district, into a four-star Kimpton Monaco Hotel, restaurant and roof-top lounge.

Technical Excellence. Practical Experience. Client Responsiveness.



PARX CASINO EXPANSION

Location: Bensalem, PA
Client: Parx Casino
Architect: KlingStubbins/SOSH
Services: Site/Civil, Geotechnical, Traffic & Transportation, Landscape
Architecture, Natural Resources & Permitting

OVERVIEW

Langan provided engineering design, land-use and natural resource permitting, master planning, and construction-phase services for the Parx Casino, which is the largest casino gaming complex in the state. Geotechnical engineering services included subsurface investigations, foundation recommendations, and reports. Traffic improvements consisted of road widening, turn lanes and intersection improvements.

Technical Excellence. Practical Experience. Client Responsiveness.



FONTAINEBLEAU RESORT & SPA

Location: Miami Beach, FL
Client: Fontainebleau Resorts, LLC
Architect: NBWW, HKS
Services: Geotechnical, Environmental

OVERVIEW

Langan completed a Phase I/Phase II Environmental Site Assessment (ESA), which identified chlorinated solvents in the soil and ground water as a result of discharges from a former dry-cleaning operation in the basement of the hotel. Langan also completed comprehensive asbestos surveys and monitored the abatement. In addition, Langan performed geotechnical engineering studies and comprehensive and innovative pile load testing programs, and inspected the installation of the piles.

Technical Excellence. Practical Experience. Client Responsiveness.



FOUR SEASONS HOTEL & TOWER

Location: Miami, FL
Client: Millennium Partners
Architect: Handel Architects, LLP
Services: Geotechnical

OVERVIEW

At 70 stories, the Four Seasons Hotel & Tower is the tallest building in Florida. The mixed-use development includes a hotel, office, condominium, and retail space, with an adjoining 20-story podium and a seven-story parking garage. Langan performed extensive subsurface investigations to identify the relevant soil, rock, and groundwater conditions. Soil/structure interaction analysis was performed to evaluate potential building settlements.

AWARDS

FICE Engineering Excellence Award

Technical Excellence. Practical Experience. Client Responsiveness.



THE WESTIN DIPLOMAT RESORT & SPA

Location: Hollywood, FL
Client: Diplomat Properties, LP
Architect: Nichols Brosch Sandoval & Associates
Partner: DeSimone Consulting Engineers
Services: Geotechnical

OVERVIEW

To date, the Diplomat project is the largest private project ever constructed in Florida. It consists of 40-story twin hotel towers, an eight-story convention center, a retail village, multi-level parking garage, mechanical plant, and a pedestrian bridge, which connects the two properties over Collins Avenue.

Technical Excellence. Practical Experience. Client Responsiveness.



FOUR SEASONS CALISTOGA

Location: Calistoga, CA
Client: Silver Rose Venture, LLC, Bald Mountain Development
Services: Geotechnical, Environmental

OVERVIEW

Four Seasons Calistoga is a substantial multi-purpose development of a 23-acre parcel that will include two inns, commercial space, a spa, swimming pools, a vineyard and wine cave, and a below-grade parking deck. Langan performed a geotechnical investigation and a limited environmental site assessment for the proposed development. As part of our services, we performed a hydrogeologic study to evaluate the potential flow discharge rate arising from the basement wall back drain and underslab drainage system during heavy rainfall.

Technical Excellence. Practical Experience. Client Responsiveness.