

## LANGAN INTERNATIONAL MIXED-USE QUALIFICATIONS



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## OQYANA WORLD FIRST

Location: Dubai, United Arab Emirates

Client: OQYANA

Services: Geotechnical

### OVERVIEW

OQYANA World First consists of 20 man-made islands that together shape the Australian-continent portion of the World Islands reclaimed in Dubai in 2006. The proposed developments, currently in the early design development phase, will consist of luxury villas, hotels, and commercial buildings with marinas for yachts and private boats. The island edges will predominantly consist of beaches and quay walls.

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## AL MARYAH CENTRAL

**Location:** Abu Dhabi, United Arab Emirates

**Client:** Gulf Related

**Services:** Geotechnical, Environmental, Traditional Surveying, Terrestrial Scanning/BIM

### OVERVIEW

This new development on Al Maryah Island will encompass nearly 16 hectares of premier shopping and world class dining. It will seamlessly link to luxury hotels, The Galleria mall, and residential and commercial towers. Langan was retained to carry out full-scale geotechnical and environmental investigations. Langan provided geotechnical recommendations for foundation design, an environmental site investigation, an environmental impact assessment, and a construction environmental management plan. Based on the extensive physical survey data collected at the site and surrounding areas, Langan also developed a 3D Revit survey model.

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## SKYVIEW 456

**Location:** Dubai, United Arab Emirates  
**Architect:** Skidmore, Owings & Merrill, LLP  
**Services:** Geotechnical

### OVERVIEW

The proposed development consists of two 240-meter-plus towers, linked together via a two-story boat-shaped bridge near the top. The towers will house serviced apartments and a hotel. The towers will be surrounded by a common multi-level podium structure and will also share common basement levels for MEP and parking. Langan was hired to assist the structural engineer in obtaining the Dubai Municipality approval for the foundation design of the development within a very short time frame.

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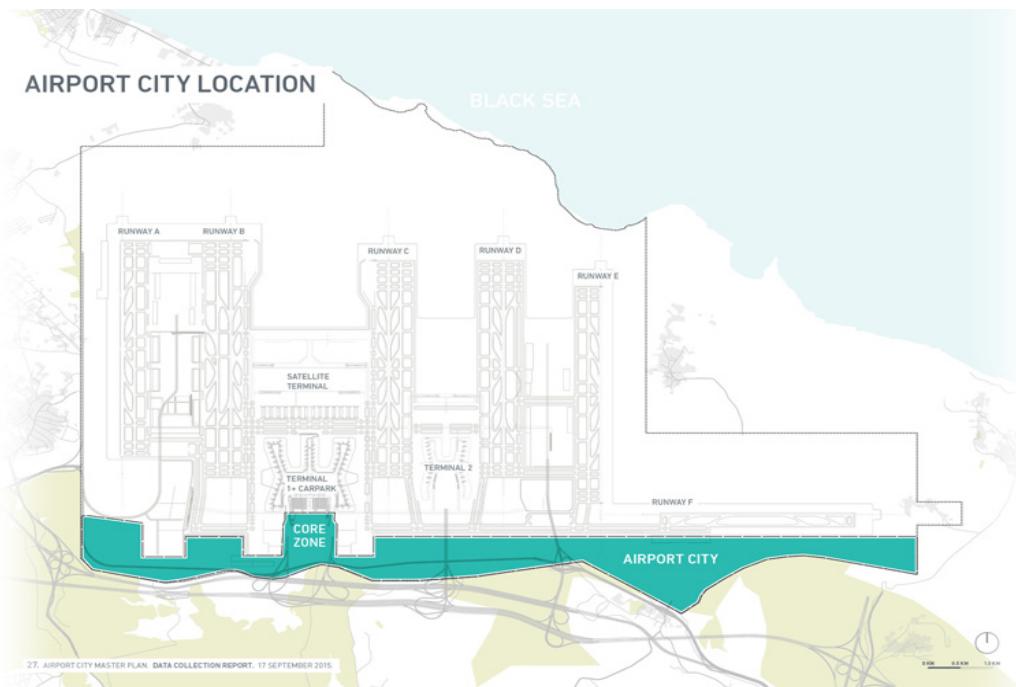
## BATISEHIR

**Location:** Istanbul, Turkey  
**Partner:** Dilara Insaat Mühendislik  
**Services:** Site/Civil, Geotechnical, Traffic & Transportation

### OVERVIEW

Langan International is providing land development engineering services for this 800,000-square-meter mixed-use development with a five-star hotel, residential, retail, high school, ?Class A? office buildings, and associated parking facilities. The site is located within the industrial zones of the ?European? side of Istanbul.

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## ISTANBUL GRAND AIRPORT CITY DEVELOPMENT

**Location:** Istanbul, Turkey  
**Client:** Istanbul Grand Airport  
**Architect:** Perkins + Will  
**Services:** Site/Civil, Geotechnical, Traffic & Transportation

### OVERVIEW

Langan was retained to provide multi-disciplinary engineering services for the Airport City mixed-use development as part of the new Istanbul Grand Airport Development; the largest airport development currently being undertaken in the world. Airport City is located on approximately 7,650 hectares near the Black Sea northwest of central Istanbul. Our services include site/civil, infrastructure, and geotechnical engineering support along with traffic design peer review services with the consultant team.

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## PORTA NORTE

**Location:** Panama City, Panama  
**Client:** Porta Norte Investments  
**Architect:** Edward McGrath  
**Partner:** DPZ Partners  
**Services:** Site/Civil, Geotechnical

### OVERVIEW

Porta Norte is a 250-hectare development just north of Panama City, next to the Panama Golf Club and just 10 minutes from Tocumen International Airport. Inspired by the Old Quarter of Panama, this project was designed to harken back to the time when communities were tightly-woven networks. To achieve this, the design team looked to new urbanism - a concept founded on the belief that well-designed cities, towns, and neighborhoods build healthier and happier communities where businesses prosper. Langan is providing site/civil and geotechnical services for this project.

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Credit: Safdie Architects

## SERENA DEL MAR

**Location:** Cartagena, Colombia  
**Client:** Novus Civitas  
**Architect:** SB Architects, Moshe-Safdie Architects  
**Partner:** EDSA  
**Services:** Site/Civil, Geotechnical, Environmental, Traffic & Transportation

### OVERVIEW

The project is located on a 1,000 hectare site along the coastal highway immediately north of the city of Cartagena, Colombia. The phased development will include about 10,000 residential units ranging from social housing to luxury resort homes, a US-branded community hospital, several hotels, a branded championship golf course, office and retail shopping centers and a regional mall.

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Credit: Visualhouse

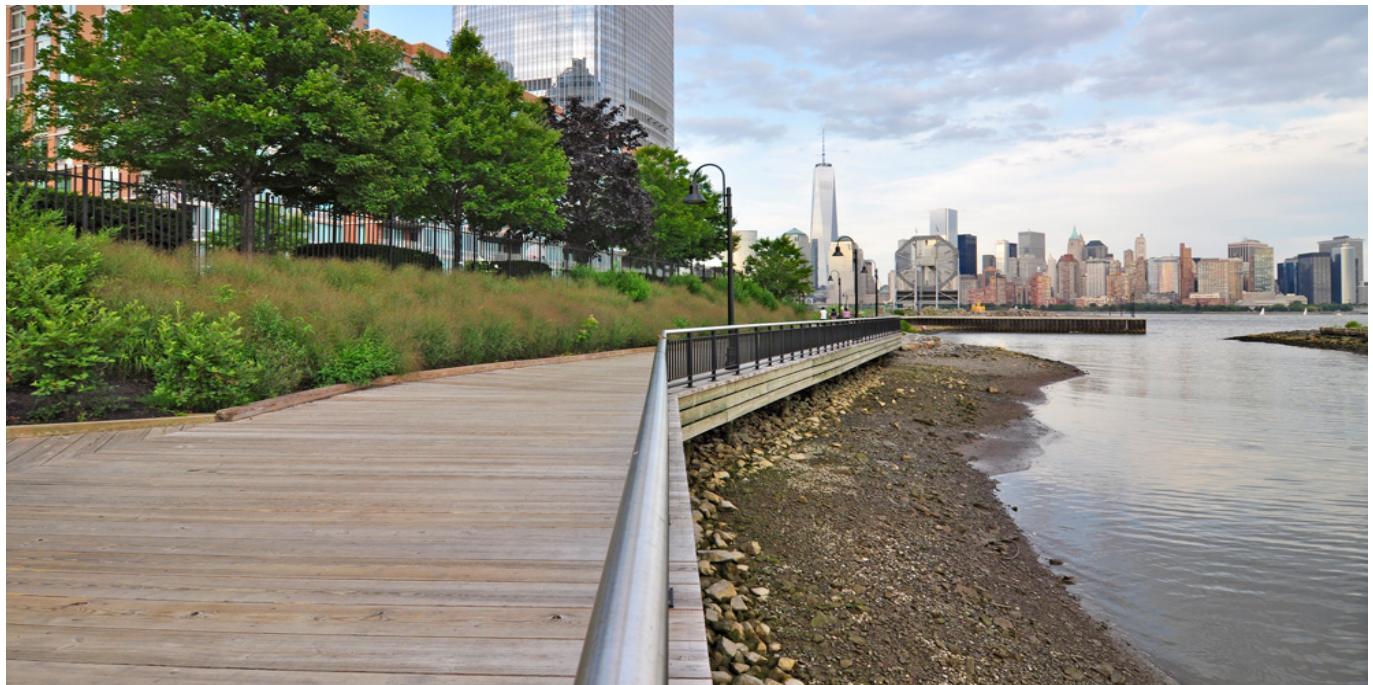
## HUDSON YARDS REDEVELOPMENT

Location:	New York, NY
Client:	Hudson Yards, a Related Oxford Venture
Architect:	Kohn Pedersen Fox, Skidmore, Owings & Merrill, Diller Scofidio + Renfro, Ismael Leyva Architects, Rockwell Group
Partner:	Thornton Tomasetti, WSP
Services:	Geotechnical, Environmental, Site/Civil, Traffic & Transportation, Traditional Surveying, Terrestrial Scanning/BIM

### OVERVIEW

This major New York City redevelopment, under the joint guidance of the City, the Metropolitan Transportation Authority, and State of New York initiatives, is in the process of reinventing the Hudson Yards area in midtown Manhattan. Langan has been retained by multiple teams to provide geotechnical, site/civil, environmental, and traffic engineering, seismic design analysis, and surveying services during the pre-design phase of development.

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## DMAVA PARK AND HUDSON RIVER WALKWAY

**Location:** Jersey City, NJ

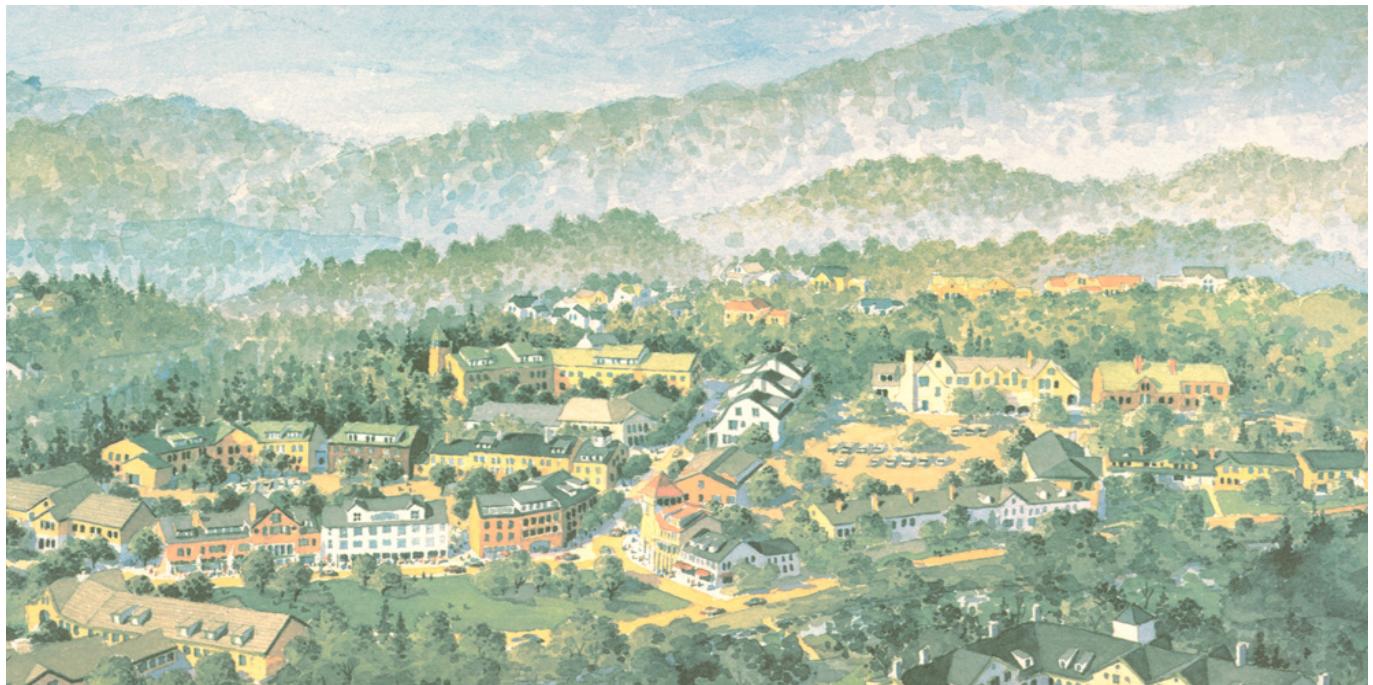
**Client:** New Jersey Department of Property Management and Construction

**Services:** Landscape Architecture, Environmental, Natural Resources & Permitting, Geotechnical

### OVERVIEW

Langan designed this project for the NJDEP, including 1,600 linear feet of new Hudson River Waterfront Walkway, a new bulkhead and waterfront esplanade, a new timber boardwalk, and a 3-acre park along the Morris Canal Basin, across from Liberty State Park.

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## TUXEDO RESERVE MASTER PLAN

Location: Tuxedo, NY

Client: Related Companies

Services: Natural Resources & Permitting, Site/Civil, Geotechnical,  
Traffic & Transportation, Environmental, Traditional Surveying

### OVERVIEW

Tuxedo Reserve is a planned integrated development of a 2,400-acre site located in the southeastern corner of Orange County, New York. Langan was retained to undertake all land development engineering of the site for construction of the multi-use development, which includes 1,500 residential units as well as over 30,000 SF of light industrial office commercial building.

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## BLUE BACK SQUARE

**Location:** West Hartford, CT

**Client:** Blue Back Square Development

**Services:** Site/Civil, Traffic & Transportation, Environmental,  
Geotechnical, Landscape Architecture, Traditional Surveying

### OVERVIEW

This urban mixed-use redevelopment is the centerpiece of two large city blocks, providing retail, office, residential and municipal space within the existing town center. It includes the regeneration of a brownfield site, expansion of civic facilities and public open-space, a mix of large and small format retail shops, two municipal parking garages, restaurants, professional and medical offices, a health club, and residential condominiums and apartments.

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## MEDITERRANEAN VILLAGE

**Location:** Coral Gables, FL  
**Client:** Key Realty Advisors  
**Architect:** RTKL  
**Services:** Site/Civil, Geotechnical, Environmental

### OVERVIEW

Langan provided site/civil, geotechnical, and pre-demolition hazardous materials services for this new mixed-use development located within three city blocks in Coral Gables, Florida. The project program consists of five high rise towers, an eight level podium and several townhome structures. The development also includes retail, hospitality, office and residential uses.

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## THE PROMENADE AT COCONUT CREEK

**Location:** Coconut Creek, FL  
**Client:** Coconut Creek Development LLC  
**Partner:** Stanbery Development  
**Services:** Site/Civil, Geotechnical, Traffic & Transportation, Natural Resources & Permitting

### OVERVIEW

This lifestyle center is located on a 23-acre site in Coconut Creek, Florida. Langan's scope included obtaining rezoning and site plan approval. The site plan includes rooftop greenspace and LEED certification. Langan performed site planning, stormwater management design, plat amendment, traffic analysis, utility coordination services, and geotechnical services to develop a comprehensive program of foundation and soils design parameters.

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## HUNTERS POINT NAVAL SHIPYARD

**Location:** San Francisco, CA

**Client:** Successor Agency to the San Francisco Redevelopment Agency, Office of Community Investment and Infrastructure

**Services:** Environmental, Geotechnical

### OVERVIEW

Hunters Point Naval Shipyard is on 638 acres of waterfront in the southeast corner of the San Francisco Bay and was established as a commercial shipyard in 1870. Langan is aiding in the process of property transfer and redevelopment by providing the San Francisco Redevelopment Agency with peer review consultation related to the environmental and geotechnical aspects.

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## THE CAMDEN AT SELMA AND VINE

**Location:** Los Angeles, CA  
**Client:** Camden Development, Inc.  
**Services:** Geotechnical, Earthquake/Seismic

### OVERVIEW

The Camden Hollywood is a planned mixed-use development consisting of a 7-story above-grade structure with over 280 market-rate apartment units and almost 40,000 SF of ground floor commercial space. The building sits on top of a four-story below-grade parking garage. Langan provided geotechnical engineering, deputy grading inspection, and construction observation for this project.

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## CITY PLACE SANTA CLARA

**Location:** Santa Clara, CA  
**Client:** Related Urban, City of Santa Clara, California  
**Services:** Site/Civil, Environmental, Geotechnical

### OVERVIEW

The overall redevelopment site is the 240-acre former Santa Clara all-purpose landfill, and project plans are for a mixed-use development that includes office, hotel, retail, restaurant, entertainment, residential, and parking space. We are providing integrated site/civil, geotechnical, and environmental services for all project phases.

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