

## LANGAN PHARMACEUTICAL EXPERIENCE



Technical Excellence Practical Experience Client Responsiveness

NEW JERSEY NEW YORK CONNECTICUT MASSACHUSETTS PENNSYLVANIA OHIO VIRGINIA FLORIDA TEXAS ARIZONA COLORADO  
WASHINGTON CALIFORNIA ATHENS CALGARY DUBAI LONDON PANAMA



## BIOTRIAL NORTH AMERICAN HEADQUARTERS

Location: Newark, NJ  
Client: Biotrial  
Architect: Francis Cauffman  
Partner: Buro Happold, Thornton Tomasetti  
Services: Geotechnical, Site/Civil, Traffic & Transportation, Landscape  
Architecture

### OVERVIEW

Langan provided geotechnical, civil, environmental, traffic, and landscape architecture services to this France-based biotechnology and pharmaceutical company. The first phase of the project consisted of a five-story, 70,000-SF glass building, which features metal panels that rise on two sides of the building, symbolizing the nature of Biotrial's pharmaceutical testing mission. Phased site design construction plans include a screened-in service and parking area with underground stormwater storage, a public plaza at the front of the building that will carry the building pattern toward the public sidewalk, and a private volunteer garden that will provide a green resting area for building users.

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## PFIZER VILLAGE GREEN

Location: Pearl River, NY  
Client: Pfizer Global Operations  
Services: Landscape Architecture, Site/Civil, Surveying/Geospatial

### OVERVIEW

Langan supported Pfizer's efforts to revitalize their Pearl River Campus's Village Green between Buildings 200 and 222. Langan designed the new walkways and gathering areas to replace aging and deteriorating pavements surrounding the Village Green. The project consisted of the replacement of 14,000 SF of decorative pavement with complimenting improvements to outdoor seating, lighting and landscaping.

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## BRISTOL MYERS SQUIBB / CELGENE

Location: Summit, NJ  
Client: Bristol Myers Squibb / Celgene Corporation  
Architect: Highland Associates  
Partner: Turner Construction Company  
Services: Site/Civil, Geotechnical, Traffic & Transportation, Landscape  
Architecture, Surveying/Geospatial

### OVERVIEW

As part of the design-build team, Langan provided site/civil, geotechnical, surveying, landscape architecture, and traffic engineering services for this new, five-story office and structured parking facility. Langan evaluated the subsurface conditions and prepared value-engineered design measures to provide cost-effective solutions for the proposed foundation system. Langan's site design services included work on the 182,000-SF office and structured parking facility with approximately 974 parking spaces, an at-grade parking area consisting of 215 parking spaces, a new traffic signal at the fronting intersection to the campus, and a 50-foot-high retaining wall surrounding the perimeter of the building.

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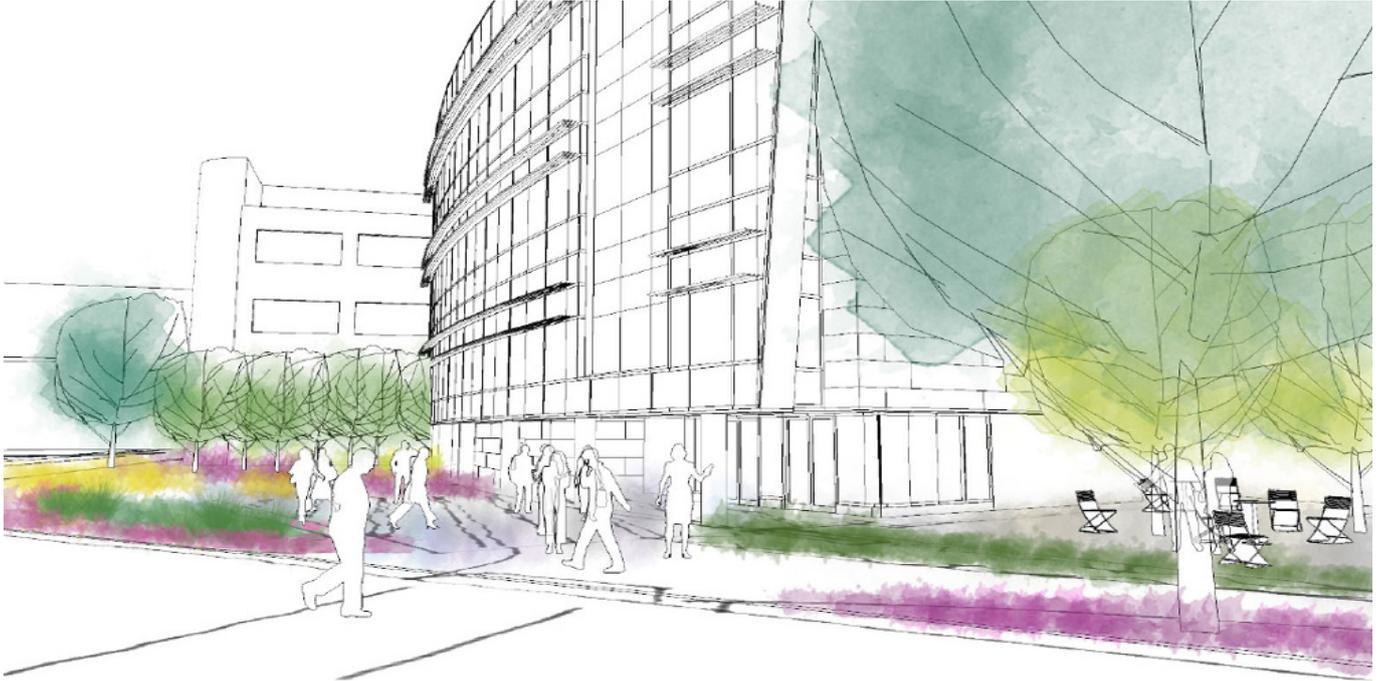
## NOVARTIS PHARMACEUTICALS - EAST CAMPUS

Location: East Hanover, NJ  
Client: Novartis Pharmaceutical Corporation  
Architect: Gensler  
Services: Site/Civil, Geotechnical, Environmental, Landscape  
Architecture

### OVERVIEW

The East Hanover Campus of Novartis Pharmaceuticals is made up of office buildings, laboratories, storage facilities, dining facilities and recreational facilities. Over the past 5 years Novartis has redeveloped the eastern portion of their campus. Improvements include new office buildings, a parking garage, landscaping of a promenade and environmental remediation. Langan provided services throughout this redevelopment process in association with the construction of two 29,430-SF office buildings and a 61,700-SF parking garage, including site/civil, geotechnical, and environmental engineering. Langan site/civil engineering services included site demolition, grading, drainage, erosion and sediment, utilities and construction details to support the building projects and the east campus landscape enhancement project. Geotechnical services included conducting subsurface investigations including borings and test pits, a geotechnical report and design support for the preparation of foundation documents for three new buildings and site improvement.

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## BRISTOL-MYERS SQUIBB

Location: New Brunswick, NJ  
Client: Bristol-Myers Squibb  
Services: Landscape Architecture

### OVERVIEW

Langan is providing landscape architecture design services to support overall design efforts associated with the developments of a new 3,100-SF building addition for Bristol-Myers Squibb's Biologics Development Relocation Project on the New Brunswick campus. The planned addition will primarily be comprised of conference rooms, collaborative space and a 4-story atrium space designed to provide transparency between office and lab areas in the building and will provide generous views of the exterior from multiple positions within the building.

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## JOHNSON & JOHNSON

Location: North Brunswick, NJ

Client: Johnson & Johnson

Services: Site/Civil, Traffic & Transportation, Surveying/Geospatial

### OVERVIEW

As Johnson & Johnson began to modify their New Jersey research and manufacturing operations in the mid-1980s, large tracts of land formerly held in the corporate inventory became available for new uses and development. Langan participated in the process of planning and evaluating the 140-acre land complex in North Brunswick. Langan prepared preliminary land use studies which factored a number of considerations into the development of a master plan to allow existing facilities to continue in operation and new development to occur, which would be compatible with J&J operations.

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## UNILEVER

Location: Clinton, CT  
Client: Unilever Manufacturing (US), Inc  
Services: Environmental Compliance

### OVERVIEW

Langan has provided an array of environmental compliance services for the Clinton Unilever facility in preparation for the 2012 plant closure. Our compliance services included air emissions, stormwater, wastewater, hazardous materials, etc. Langan conducts the necessary inspections and reporting to the appropriate regulatory agencies until manufacturing activities cease, at which time we will assist in the termination of the various facility permits.

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## CELULARITY

Location: Florham Park, NJ  
Client: Celularity  
Architect: Gensler  
Partner: Turner Construction Company  
Services: Site/Civil, Geotechnical, Surveying/Geospatial, Landscape  
Architecture

### OVERVIEW

The commercial-stage cell therapeutics company Celularity moved their headquarters from Warren to Florham Park, NJ. The move allows Celularity to consolidate their corporate headquarters, manufacturing and R&D into one building. The campus is located adjacent to the master-planned Green at Florham Park. Langan worked with Gensler and Turner Construction as part of the design-build team and provided site/civil and geotechnical engineering, surveying, and landscape architecture services. Langan's geotechnical team was able to go into the project with an understanding of the subsurface conditions due to our work at the Jets Training Facility nearby in Florham Park.

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## THORLABS

Location: Newton, NJ  
Client: J.G. Petrucci Co., Inc.  
Architect: Cerminara Architects  
Services: Site/Civil, Geotechnical, Environmental, Landscape  
Architecture, Surveying/Geospatial, Natural Resources &  
Permitting, Traffic & Transportation

### OVERVIEW

Thorlabs, a New Jersey-based manufacturer of photonic tools and systems, constructed their new corporate headquarters that includes a new three-story 121,277-SF building. The 6-acre site is part of the Town of Newton-Sparta Avenue Redevelopment Plan. The long-abandoned former industrial site provided environmental constraints, which were managed by Langan's Licensed Site Remediation Professionals. Natural resources and permitting services included obtaining freshwater wetland permits to fill an isolated wetland.

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