# Project Profile

## Jersey City Municipal Complex

**Jersey City, NJ**

### CLIENT
City of Jersey City  
Division of Architecture  
575 Route 440  
Jersey City, NJ 07305  
Mr. Brian Weller, Acting Director  
201.547.5900

### ARCHITECT
Urbahn Architects  
49 West 37th Street  
New York, NY 10018  
Mr. Donald E. Henry, Jr.  
212.857.9046

### SERVICES PROVIDED
- Structural Engineering  
- HVAC/Mechanical Engineering  
- Electrical Engineering  
- Plumbing/Fire Protection  
- Telecommunications & Voice/Data Wiring  
- Sustainable Design & LEED Engineering  
- Building Information Modeling (BIM)

### COMPLETION DATE
2013

### PROJECT DESCRIPTION
Partner professionals served as the mechanical, electrical and structural engineer for the multi-story, multi-building Municipal Complex at East Linden Avenue in Jersey City. Covering roughly 17 acres, the new facilities will replace the former building complex located on a larger site currently being redeveloped. The new complex will include a 35,000 SF Office Building, a 62,800 SF Maintenance and Parking Garage, a 16,250 SF Emergency Services Unit Building and a 29,800 SF Auto and Storage Building. The complex is designed to meet the requirements of LEED Silver certification.

For this project, Partner professionals provided heating, ventilation and air conditioning, electrical and plumbing engineering services (MEP), structural engineering services, telecommunications and voice/data wiring, sustainable design and LEED certification, and lighting and hardware design. Partner professional’s ability to bring a wide range of engineering services to the table allowed seamless coordination for the City and an interactive value engineering process that resulted in a cost effective design.

Partner professionals utilized Revit MEP Building Information Modeling (BIM) software for the mechanical and electrical systems, and Revit Structural BIM software for the structural systems. The use of BIM on this project allowed the creation of 3D models of the entire building, coordinating all architectural, structural, mechanical and electrical systems.