



Hunters Point South Infrastructure and Waterfront Park (Phase II)

Lead Utilities Engineer



Hunter's Point South is an approximately 30-acre parcel of land located along the eastern shore of the East River in Long Island City, Queens, New York. It is bounded by 50th Avenue to the north, 2nd Street to the east, Newtown Creek to the south, and the East River to the west. The site was then being used for a water taxi landing, a tennis facility and a parking lot serving the tennis facility. The City transformed the underutilized site into a vibrant, sustainable and well-designed middle-income urban community with the potential to support an approximately 5,000-unit housing development with ground-floor retail amenities and community facility uses, including a school, and approximately 10 acres of park land, that also included a waterfront park.

AG provided MEP services for this project. The project included but was not limited to review of the topographical survey of the adjoining areas and land surveys showing the existing utility sources. AG contacted the utility companies for electrical, water, and gas supply for the entire 30 acre parcel of land, which was divided into various streets. AG in association with ARUP collected the square footage of the future high rise buildings to be built on various streets. Thereafter, AG developed the load requirements for electrical, water, and gas services and wrote load letters to utility companies, including Con-Ed for electrical and NYC DEP for water. Con-Ed allowed 5KV circuit breakers in their 27KV substation to design 5KV electrical feeders. The 5KV electrical feeder loops were developed along the streets and Con-Ed approved electrical manholes for stepdown transformers for each of the future buildings was designed. Similarly, approval was received from DEP for providing the design of water services for all the future buildings



Location:
Long Island City, NY

Owner:
NYC Economic Development Corp

Client:
Arup

Construction Cost:
\$25mm

Completion Date:
2017

Services Provided:
MEP Design

A.G. Consulting Engineering, PC
131 W 33rd Street, Floor 12
New York, NY 10001
212-268-0950
agceng@agceng.com
www.agceng.com