



Artist's rendering of the NJ Nets Arena.

Atlantic Yards Redevelopment

Brooklyn, New York

Foundation Engineering Project Highlights

- Subsurface investigation and foundation design for 3-block development over LIRR yards
- Design of foundations to support sports arena, low- and high-rise structures and a park
- Support of NYCT subways and design of new subway connections
- 1-2 levels of underground parking to service sports arena

Mueser Rutledge Consulting Engineers (MRCE) is providing the subsurface investigation and design for the new multi-function arena, office commercial and residential development over the Long Island Railroad (LIRR) yards at Atlantic Avenue.

The arena is part of Forest City Ratner's proposed redevelopment of the LIRR rail yards, a three block parcel of land located at Flatbush and Atlantic Avenues. The project includes a new arena for the NBA Nets Basketball team, four office towers up to 600 feet high and 13 residential high rise buildings. The complex project includes the relocation of the existing LIRR yards, and building trusses over the relocated rails to support many of the residential buildings and a new park. The project also includes new connections to existing NYC Transit subway stations. Planned foundations will include a combination of spread footings, caissons, and minipiles.