



Above: The MetroTech Development. At Right: A rendering of the MetroTech Site. MRCE provided initial geotechnical site planning studies for the 8-block development, and continued as the geotechnical and foundation engineer for eight buildings in the development.

MetroTech Development

Brooklyn, NY

Forest City MetroTech Associates engaged Mueser Rutledge Consulting Engineers (MRCE) to provide geotechnical site planning studies for the eight block Metrotech Development adjacent to Borough Hall in Brooklyn, NY. Following completion of the basic planning study, MRCE was retained as the geotechnical engineer for eight buildings in the development:

- 1 MetroTech - Brooklyn Union Gas Company building - 24 stories
- 2 MetroTech - Securities Information Automation Corporation building (11 stories)
- 3 and 4 MetroTech - two Chase Manhattan Bank buildings (10 and 18 stories)
- 11 MetroTech Center (8 stories) - NYPD 911 Emergency Services
- 12 MetroTech (330 Jay Street) - Courthouse for New York State Supreme Court, Kings County Family Court
- 9 MetroTech North - Headquarters of New York City Fire Department
- 9 MetroTech South - (under development; to house Empire State Blue Cross and Blue Shield)

MRCE services included foundation solutions for these multi-basement buildings, underpinning of adjacent structures as required, lateral support of adjoining subways and stations, as well as the foundations for the structures and support of adjacent streets. MRCE designed the special underpinning and support systems required, and provided inspection of subgrades for actual building foundations.