



At right: Artist's rendering of the New York Times Headquarters. Above top: Site excavation in December 2004. At left: Aerial of foundation work in February 2005. Above center: Installing foundations in February 2005.



The new New York Times Headquarters

New York, New York

Mueser Rutledge Consulting Engineers (MRCE) is the foundation engineer for the new headquarters of the New York Times. The site occupies 2/3 of the city block (approximately 80,000 square feet) located in on the east side of Eight Avenue between 40th and 41st streets in Manhattan, and is opposite the Port Authority Bus Terminal. The project involves constructing a 52 story tower on the western portion of the site and a 5 story podium over the remainder of the site. A single basement level will be constructed over the entire site. The 52 story building will have 1.54 million square feet of space and will rise 748 feet from street grade to the roof, but the curtain wall will extend to 840 feet and the mast to 1,142 feet. New York City Transit subway structures are adjacent to the site: the 8th Avenue subway tunnel runs along the west side of the site and the 41st Street subway tunnel runs along the north side of the site.

Excavation for the foundations started in 2004 and will be substantially completed in June of 2005. The tower is slated to be completed in 2007.

MRCE provided geotechnical consulting services consisting of a phased boring program, support of excavation design adjacent to NYCT structures, recommendations regarding foundations design and construction and waterproofing of the foundation walls. During the construction phase, MRCE provided controlled inspection of the foundations including deep rock socketed caissons, footings, tiedown anchors, and backfill. Video inspection of the caissons was performed to assist in verifying the quality of the rock sockets.