



Artist's rendering of The Residences at Liberty National

The Residences at Liberty National

Jersey City, NJ

Mueser Rutledge Consulting Engineers (MRCE) provided geotechnical and foundation engineering services for this development. It will consist of three high rise condominium towers (35-, 43-, and 50-stories tall) to be called The Residences at Liberty National. The development will sit on a corner opposite of Port Liberte on the 177-acre Liberty National Golf Course, which was constructed in 2006. The 50-story tower may take the title of the tallest building in NJ from 30 Hudson Street. The first tower in the complex is expected to be completed during 2007.

MRCE performed an investigation for the design of an up to 50-foot-high retaining wall. The firm provided a feasibility study in order to establish the most economical wall type for the site conditions. A mechanically stabilized wall with concrete block face was selected and designed by the wall manufacturer. Additionally, MRCE evaluated the global stability of the wall, as well as provided peer review of the design and assistance during the wall construction.