

# HELICAL PILE SYSTEMS

## High Rise Foundation

info



An eight-story residential building was being constructed in a development named Liberty View Harbor, in Jersey City, NJ. The soil conditions on site were extremely poor from the surface elevation to a depth of 60-70 feet, where dense sand was encountered. Cyntech designed a 7' diameter pile which would bear on that layer, which achieved the required 100 ton ultimate capacity. Successful load tests were carried out prior to installation, during which piles were test loaded to 125 tons.



**PROJECT:** High-Rise Building Foundation

**CLIENT:** VMS Consulting

**LOCATION:** Jersey City NJ

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