



Large diameter helical pile foundations for high-rise buildings



Benefits for high-rise buildings

A principal focus of Cyntech is taking the time to understand the needs of our client and provide the optimal, project-specific solution.

An eight-story residential building named Liberty View Harbour was being constructed in Jersey City, NJ. The soil conditions were extremely poor to a depth of 60-70 ft., where a dense sand layer was encountered. Cyntech designed 7" diameter helical piles that embedded into this competent layer, allowing us to achieve the required 100 ton ultimate capacity. Successful load tests were carried out prior to installation, during which Cyntech's helical piles were load tested to 125 tons.

Contact our in-house engineering team to bring your own design. With over 85,000 helical piles designed and supplied worldwide, we have the proven experience to provide the specific solution to your project needs.

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