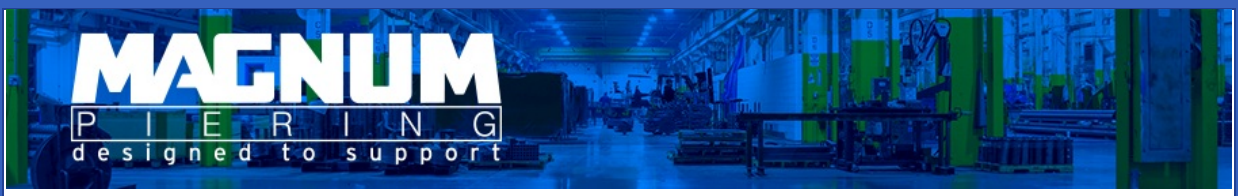


Deep Foundations Report | Summer 2021

Visit our website

MAGNUM Spotlight - DFI's Super Pile 2021

Magnum's own Dr. Howard Perko along with Ahmed Ahmadein, PhD, of St. Mary's College of California and PhD Candidate Andre Hawks PE, discus Load Deflection Prediction of Helicals Using Hyperbolic & Machine Learning Methods at DFI's recent "Super Pile 2021"

View the presentation

Push Pier Installation:

This is a graphic representation of the installation of MAGNUM Push Piers. This video guides home owners on what to expect during push pier installation. It also provides a number of helpful installation guidelines and safety precautions."

Watch Now

Schedule a Webinar with Us

Want to learn more about steel foundations for your future projects? Contact us today and we can customize a webinar for you and your team members on general or specific topics within the foundation industry such as helical pile design, installation and helical pile applications

Find Out More

Magnum Welcomes Its New Safety Compliance Coordinator, Thomas Lindley

In Tom's own words, his primary responsibility is to return our workforce home in the same condition they came to work. He loves his work because building relationships with members of the workforce is a key ingredient in safety success. He takes satisfaction in knowing that his efforts make people safer, more

comfortable, and more productive.
Tom has been a Safety Professional in the metal working industry for six years. Graduating in 2020 with a B.S. in Occupational Safety and Health from Columbia Southern University.
Tom, his wife, and children, all call Cincinnati home. When not spending time with his family, Tom likes to be outdoors camping or hiking. Cooking, fiddling around with woodworking and reading very dry books about military history top off Tom's other interest.

PG&E Magnatude® Load Test

Magnum recently completed an installation and load test demonstration of its MG3 Magnatude® piles and small T-Line pole grillages in San Francisco, CA for Pacific Gas & Electric (PG&E). -

View in a PDF

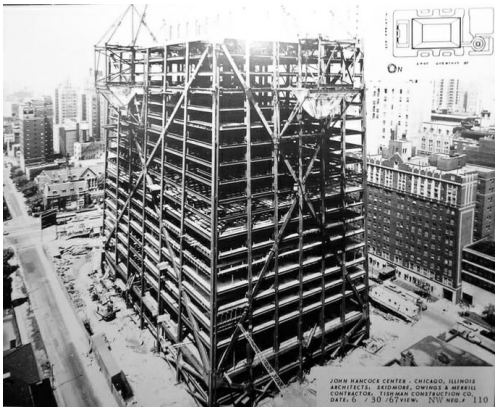
Download the Current Product Catalog

Download the MAG GEO App

Find out more about Grouted Helical Piles

Fun Facts:

Michigan Avenue and Delaware Place



July 18, 1966 –The first steel column, 35 feet long, weighing 30 tons, is set in place for the John Hancock building at Michigan Avenue and Delaware Place. It is anticipated that in the following 16 months, 42,000 tons of steel are to be placed, forming the skeleton of a tower that will reach 1,105 feet above the ground. As rosy as this day is, things quickly fall apart. Under the load of a single steel column, one of the 57 caissons on the project slipped downwards approximately an inch in one 24-hour period. The structural engineer for Skidmore, Owings and Merrill, Fazlur Khan, called for a halt to construction so that all of the caissons could be tested. He was right to do so, as 26 of the 57 caissons were found to be defective. Following the testing, it took four months and 11 million dollars to repair the defective foundation elements. The tower topped out on May 6, 1968 and was at the time the second-tallest building in the world. It has been awarded the Distinguished

Architects Twenty-Five Year Award and has been included in the World Federation of Great Towers.

Courtesy