

FOR Immediate Release

After years of patent pending, MAGNUM® Piering is pleased to announce obtaining US Patent 2023/0140266 A1. Over the past few years, based on electric power grid customer and contractor feedback, MAGNUM® has been perfecting this foundation system through space-age geometries, robotic factory fabrication, and novel connections. Helical piles have been used with steel grillages for decades. Historically steel is welded together in the field in a hodge-podge tic-tac-toe pattern which requires careful quality control and tedious and skilled field work. The technology contained in this patent helps to minimize raw materials, safely speed construction, resist corrosion, increase longevity, and improve quality.

Vice President of sales BJ Dwyer today quoted: *"This is the result of teamwork and dedication towards our mission of improving the foundation industry. I am proud to be apart of such dedicated team of men and women and look forward to the next evolution in the deep foundation industry."*



Abstract Description:

A base structure for a piling foundation is provided. The base structure includes an upper plate and a lower plate. The lower plate is spaced a distance below the upper plate and is oriented substantially parallel to the upper plate. Both the upper plate and the lower plate include a number of plate apertures therethrough. The upper plate and the lower plate are connected to each other by webs configured to provide structural integrity to the base structure. Further, a piling foundation assembly for supporting operating equipment and a method for installing a piling foundation assembly are provided.

For more information on our entire line of foundations for the power transmission industry:

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