



2022 Footprint Engineering Inc.

FeHeligent Detail Package

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The present invention relates to pile systems and methods and more particularly to a pile wall system and method for constructing shoring walls using two types of helical, which is both fast, and effective in shoring up to 20 feet deep.

The method may be used in a variety of situations involving a deep excavation, including excavation projects in constrained sites, excavation projects that extend close to a property line, and/or excavation projects that are adjacent to an existing structure.

In addition, the method may be used in areas in which the water table is high, and is lower in cost relative to the use of traditional tangent or secant walls which are typically more expensive and require greater volumes of cement to complete.

Section 1.1: FeHeligent™ System Illustration

A computer-aided design illustration depicting the FeHeligent™ system can be seen below.

