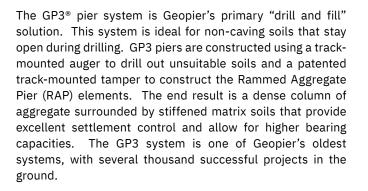
GEOPIER[®]

GP3[®] SYSTEM Rammed Aggregate Pier[®] Technology



APPLICABLE SOIL TYPES

- Non-caving soils such as clays, silts, and sands with high fines content
- Caving soils with the use of temporary casing
- Organic soils using cemented treated aggregate (CTA)

DESIGN CONSIDERATIONS

- Can be used for any Geopier application
- · Can be installed to depths of 25+ feet
- CTA piers are ideal for organic soils, heavy loads, or adjacent structures
- Ideal for typical settlement tolerances (1 inch total; ½ inch differential)
- Foundations can be designed as conventional spread footings with typical bearing pressures of 3 to 8 ksf for RAP/ 10+ ksf with CTA
- Slabs can be constructed as conventional slab-ongrade
- Can be used for uplift and lateral resistance

CONSTRUCTION CONSIDERATIONS

- Generates minimal spoils compared to removal and replacement
- Often results in 20% to 50% cost savings compared to traditional alternatives (removal and replacement and deep foundations)
- Rapid installation process means shorter construction schedules

INSTALLATION PROCESS

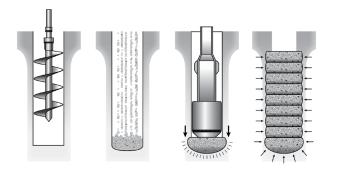
Geopier's GP3 installation process consists of the following:

Step 1: Drill out the unsuitable soils to the desired design depth using an auger.

Step 2: Place aggregate at the bottom of the shaft.

Step 3: Densify the open-graded aggregate and surrounding soils using a patented tamper to create a "bottom bulb."

Step 4: Place and densify aggregate in 2-foot-thick compacted lifts to the ground surface.





Watch system installation videos at www.geopier.com

GEOPIER

Tensar

Whether you are an engineer, contractor, or owner - We can help.

For more information on Geopier solutions, call **800-371-7470**, visit **www.geopier.com** or email **info@geopier.com**

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