

MEYER

UTILITY STRUCTURES

Fastest Pole to Pier Installation

QUICKPIER™
ADAPTER



The Meyer QuickPier™ Adapter is a 21st century Innovation.

Significant Potential Foundation Cost Savings

Fastest Pole to Pier Installation

No Field Welding or Excavation

Adjustable for Installation Variabilities

GLMs Exceeding 7000 ft-kips

Meyer QuickPier™ Adapter

The Meyer QuickPier™ Adapter is the innovative solution that bridges the gap between steel structures and helical pier installations. The Meyer QuickPier™ Adapter is a transitional piece which mounts upon embedded helical piers or micropiles, and allows for the quick connection of tubular steel structures. Paired with helical piers, the QuickPier™ Adapter provides another innovative option that dramatically minimizes soil disturbance while reducing foundation installation times.

History of Helical Piers

Helical piers, also called helical piles or screw piles, were invented in 1833 by Alexander Mitchell. Serving as lighthouse foundations, helical piers were originally used to anchor lighthouses which were exposed to volatile seas and icy fields. Today, helical piers are used for numerous foundations, including building and transmission structures, and are suitable for many terrain types and soil conditions.



Helical pier installation



Pier top removal by plasma torch



Adapter caps secured on piers



No field welding required

Fast installation of adapter

Pole quickly connected to adapter

Reduced crew sizes

Ready for immediate loading



Benefits

Eliminates Concrete Curing Times

The Meyer QuickPier™ Adapter and helical piers eliminate the need for concrete. They can bear load immediately after installation, unlike concrete, which requires up to 28 days to cure to meet code. Other concrete concerns, such as weight and logistical constraints for site delivery are also eliminated.

Flexibility

The Meyer QuickPier™ Adapter is engineered for adjustability to account for any helical pier installation variations due to field conditions. The QuickPier™ Adapter accommodates up to 3" of variability in field placement of each pile, and can be configured to support larger structures.

No Excavation

Helical piers have less environmental impact than almost any other foundation. There is no residual soil resulting from helical pier installation. No excavation means fewer workers, less equipment and lower stress on the ecosystems we work to protect.

No Field Welding

The use of our patented QuickPin® connections mean that the Meyer QuickPier™ Adapter can be erected in the field without the requirement of field welding. All welding is performed at manufacturing facilities in a controlled environment. The entire process takes less time, crew and equipment. Lines are energized faster and total installed cost is reduced.

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