

Typical Foundations



Drilled Piers

Material: Concrete, Steel Rebar, Anchor Bolts / Stub Angle
Equipment: Digger, Concrete and Dump Trucks, Crane
Used on all structure types (required for Long Span Single Poles).

Direct Embed

Material: Native Backfill, Rock, or Concrete
Equipment: Digger, Dump Truck, Concrete/Rock Truck (depending on backfill material) crane
Used for H-Frames and Short Span Single Poles

Helical Piers

Material: Prefabricated Steel Piers and Base Plates
Equipment: Modified excavator, small crane
Used for Lattice Towers and H-Frames



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