

## MacLean Dixie.

Built on a solid foundation.

MacLean Dixie is part of MacLean-Fogg, a diversified international manufacturing enterprise with more than half a billion dollars in sales. A result of the acquisition and merger of Joslyn and Dixie, two prominent soil anchor manufacturers, MacLean Dixie is now one of the leading suppliers of steel deep foundation systems for use in residential, commercial and marine applications. Our comprehensive product line for residential and commercial applications includes engineered solutions for tension, compression, and structural stabilization in many different soils.

### Quality that is second to none.

Why do installers and engineers across the nation choose MacLean Dixie products time and time again? Perhaps it is because our quality standards and rigorous testing procedures ensure that our products are second to none.

### Materials meet strict ASTM standards.

We can verify the chemical composition of every lot of steel back to the original mill that produced it. So we know that the chemistry, physical and dimensional properties are in accordance to ASTM and our stringent standards.

### State-of-the-art fabrication.

With one of the largest manufacturing facilities in the industry, we're equipped to turn products around faster, more efficiently and most cost effectively.

Visit [www.MacLeanDixie.com](http://www.MacLeanDixie.com) for more information and technical support.



Building Solid Foundations



ISO 9001:2008  
Certification QSR-938



AC308 Approved  
ESR-3032



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# CabinetPile™ Systems



## Building a solid foundation

The solution you can depend on



Building Solid Foundations





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## MacLean Dixie HFS™ CabinetPile™ Systems

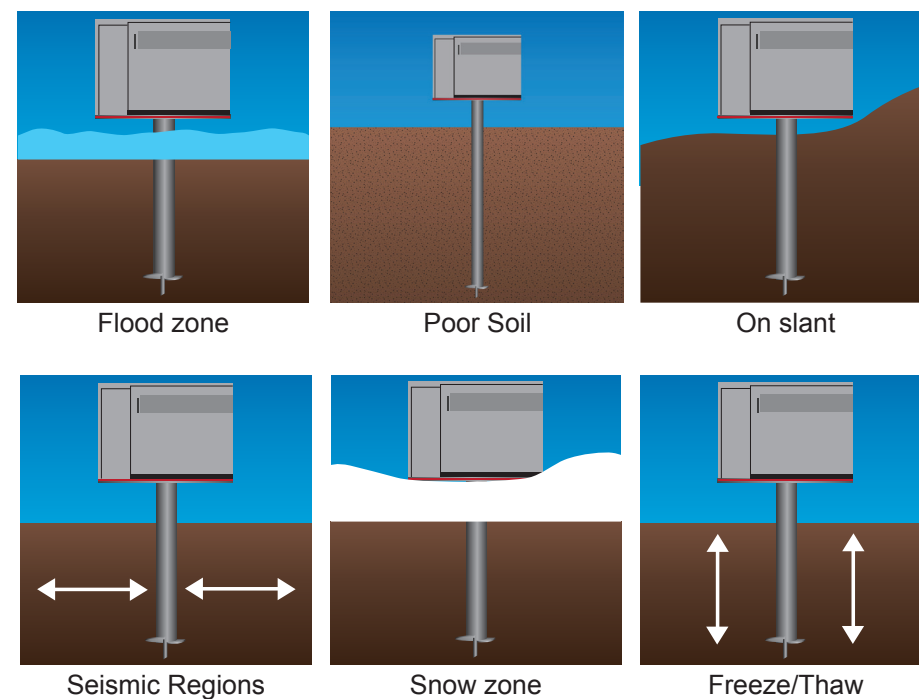
MacLean Dixie offers a broad range of steel foundation piles and accessories used for commercial, residential, marine and solar application. We offer many time proven solutions with experience in anchoring since the 1920's. It is important the product and installation meets stringent requirements to ensure the quality and workmanship of the manufactured product and the installation is performed by qualified and certified technicians to ensure the foundation will perform as expected.



### Why MacLean Dixie is the best choice.

The CabinetPile™ Helical Foundation System is a patent pending product which combines the best features and benefits of a traditional foundation pile and steel utility pole. MacLean Dixie's CabinetPiles™ are easy to install with a lower overall installation cost. Unlike traditional pole mount systems, they can be installed in virtually any terrain and at higher elevations to allow the cabinets to be raised above flood stage in hurricane affected areas and high enough to avoid snow plow damage in alleyway applications in northern climates.

### Product Applications



## Foundation System Consists of...

### Traditional Helical Pile with Modified Top Plate to Support Communications Cabinets

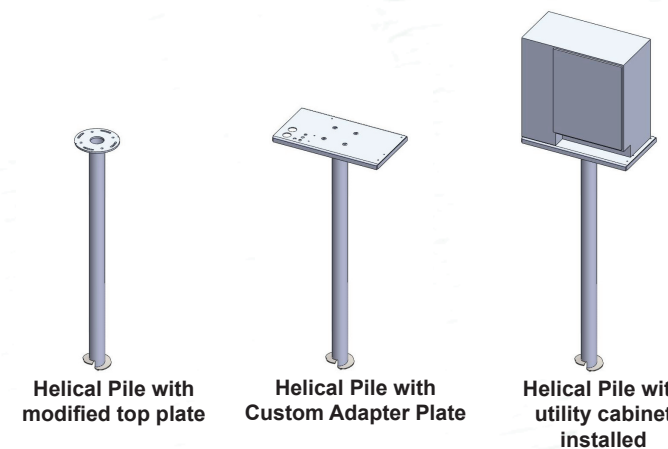
- Radial slots allow alignment adjustment of the cabinet
- Drilled and tapped holes for ground lug attachment
- Various lengths and diameters available depending on soil conditions, equipment weight, and potential above grade positioning
- Schedule 40 pipe for strength
- Galvanized to ASTM A153 for corrosion protection

### Custom Adapter Plate

- Designed as a transition between the helical pile and the communications cabinet.
- Custom design can consolidate an entire series of cabinets to a single adapter plate. Features such as:
  - Recessed bolt locations offer a flat surface for cabinet mounting
  - Multiple wire access ports

### Complete Hardware Kit

- Kit can include all necessary hardware:
  - Bolts, nuts, washers, and locknuts for attaching all pieces together
  - Hardware for ground lug attachment
  - CapPlugs or gaskets to seal any cable entry locations



### Consistent quality testing.

MacLean Dixie has qualified relevant products to meet the IBC (International Building Codes) ICC-ES AC358 Acceptance Criteria for Helical Foundation Systems and Devices (ESR-3032). This should be an important criteria when selecting the supplier to protect your investment for years to come.

Find out more at  
[www.MacLeanDixie.com](http://www.MacLeanDixie.com).

Visit our website for more information and technical specifications on all of our products.

### Applications

The CabinetPile™ is designed for Elevated or Ground Mount applications supporting communications cabinets and equipment (for example, VRAD cabinets and cross connect cabinets).

### Testing

The CabinetPile™ exceeds Telcorida GR487 Issue 3 requirements for:

- Compression Loading
- 150 mph Hurricane Force Wind Loading
- Environmentally Induced and Seismic Vibration

### Equipment Needed

The CabinetPile™ Systems requires the following for installations:

- Utility truck with hydraulic drive head
  - Torque rating in excess of 12,000 ft lbs of torque min for ideal conditions. Recommended torque rating in excess of 25,000 ft lbs of torque to address virtually all soil conditions and depths.
  - Kelly bar hex size of 2", 2.5", 2.625" (measured across the flat part of the hex).
- MPS installation tool
- Ground survey to check for buried utilities



Installation Tool



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