

# DiamondPier®

## FOUNDATIONS

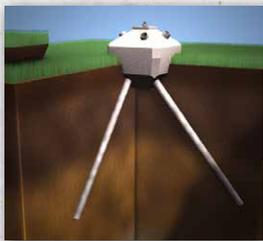
**SITE  
SPECIFIC**  
Engineered  
Applications

The Engineered Solution for Creating Solid Foundations  
without Disturbing Soils, Water Flows, or Other Sensitive Environments

### Low-Impact Construction Without Excavation

Nisqually National Wildlife Refuge specified Diamond Pier Foundations  
for its Estuary Restoration Projects' mile-long boardwalk

Diamond Pier Foundations are suitable for **Low-Impact Construction** in parks, preserves, campuses and public spaces. The system's non-destructive technology allows boardwalks, platforms, decks, overlooks, pavilions, bridges and stairways to be built with minimal site disturbance reducing erosion and site compaction and preserving the integrity of existing soils, native vegetation and the natural flow of ground water.



**Save Time and Equipment Costs.** Diamond Pier Foundations are **Easy to Install** using high-quality, lightweight components and readily available construction tools. Installation is extremely

labor efficient, with individual piers typically installed in 30 minutes or less. No certified installers or specialized tools are required and the foundations are entirely removable.

Since 1992, over 800,000 Diamond Pier Foundations have been used successfully by federal, state, municipal and private clients across the U.S. and a growing number of international locations.

Call 253-858-8809 or visit...

[www.DiamondPiers.com](http://www.DiamondPiers.com)



Minuteman National Historic Park – Battle Road Trail - Olive Stow Boardwalk



The low impact installation of Diamond Pier Foundations is ideal for bringing visitors to ecologically sensitive and captivating environments.



The patented Diamond Pier Foundation combines high-strength pre-cast concrete heads with 4 galvanized steel bearing pins. The pins slide through guides in the concrete head and are driven into penetrable native soil to create a strong, efficient, low-impact foundation.

**Solid, Secure and Proven** - Spread bearing pin technology provides bearing, uplift and lateral capacity delivering the same strength of conventional spread footings with the ease of pile-driven foundations. Multiple sizes allow maximum flexibility and cost control. The appropriate Diamond Pier model is specified based on project-specific geotechnical and structural engineering information.

**Low Impact, Green Solution** - No heavy equipment or excavation means very little site disturbance. The Diamond Pier foundation uses less than 20% of the concrete required for a comparable conventional concrete footing. This means a very small carbon footprint.



**Project Services** - Patented design is engineered for consistent reliability and performance: Details and specifications are available on our website at:

[DiamondPiers.com/engineered-projects](http://DiamondPiers.com/engineered-projects)

Pin Foundations, Inc. can provide project support and engineering for designers, structural engineers, geotechnical engineers and landscape architects.



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*Specifications and Installation Instructions for Engineered Models DP-75, DP-100E and DP-200E are available at...*

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Diamond Pier Foundations made possible the construction of this historic-forest walkway with minimal site disturbance. Virginia B. Fairbanks Art & Nature Park – Indianapolis Museum of Art.



Green Water Block 23 project in Austin, Texas. Diamond Pier selected to protect Heritage Trees.



Engineered Diamond Pier Foundations fit into any low impact design strategy, bringing an environmental solution to a wide variety of construction sites.