

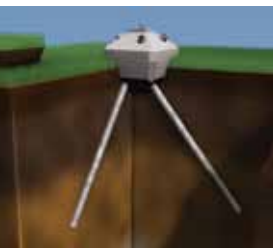
Nisqually National Wildlife Refuge Estuary Restoration project uses Diamond Piers to support its new mile-long boardwalk.

# DIAMOND PIER®

## Low impact construction without excavation

The engineered solution for solid foundations without disturbing sensitive environments.

Diamond Pier foundations allow low impact construction of recreational structures in parks, preserves and wildlands. With Diamond Pier's non-destructive technology, boardwalks, stairways, bridges, pavilions and overlooks can all be built in sensitive environments with minimal site disturbance. Save time and equipment costs, reduce erosion and compaction, and preserve the integrity of existing soils, native vegetation, and the natural flow of groundwater on your next project.



Diamond Pier foundation systems are easy to install using small, lightweight components and construction tools. They are totally removable and, unlike most driven pile systems or conventional poured foundations, can be maintained completely from above ground.

Since 1996, Diamond Pier foundations have been successfully implemented by private, municipal, state and federal clients in recreational and environmental education projects across the US and abroad.



Wetland, tidal, and sensitive sites benefit from Diamond Pier's substantial load capacities in marginal, saturated soils.



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

PHOTO COURTESY OF GRP CONSTRUCTIONS, INC. KOBE, JAPAN

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Call toll free (866) 255-9478  
[www.diamondpiers.com](http://www.diamondpiers.com)

LOW IMPACT FOUNDATION TECHNOLOGY FROM PIN FOUNDATIONS, INC.

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**Diamond Piers** are patented, high-strength concrete heads, set in a shallow hole, locking together a cluster of steel

bearing pins. The pins are driven through the head, deep into penetrable soils to create fast, efficient and durable foundation systems.

**Solid and secure.** Diamond Piers provide resilience to uplift and lateral forces, delivering the bearing strength of traditional spread footings with the ease and minimal impact of pile driven foundations. Multiple sizes allow maximum flexibility and cost control. Load capacity is evaluated for each project, based on soil conditions specific to the site.

**Low impact.** No heavy equipment means less site disturbance and no need to re-vegetate after construction. No concrete pouring and very low weight and volume to capacity ratios mean less mess, less materials use and a very small carbon footprint.

**Smarter technology.** Patented, proven design, engineered for consistent reliability and performance.



*Drawing Details, Specifications and Installation Instructions* for the engineered DP-75E, DP-100E, and DP-200E are available at [www.diamondpiers.com](http://www.diamondpiers.com). Pin Foundations, Inc and its authorized engineers provide capacity evaluations and support to project designers, planners and landscape architects, based on site specific soils and project information supplied by the customer.

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Diamond Piers allowed construction of this walkway with minimal site disturbance in this historic forest at the Indianapolis Art Museum Virginia B. Fairbanks Art and Nature Park.

PHOTO COURTESY LANDSCAPE ARCHITECT NINEBARK, INC.



High strength concrete heads interlocked with driven steel pin clusters provide resilient, durable foundations for boardwalks, bridges pavilions, and overlooks.



Engineered Diamond Pier foundations fit into any low-impact strategy, bringing an environmentally friendly solution to a wide variety of construction sites.

