

BOARDWALK & WALKWAY

INSTANT FOUNDATION™ SOLUTION



The principles underlying CHANCE® brand Instant Foundation™ solutions have been used for more than 150 years. The system has proven to be economical in sensitive soils and difficult terrain. Initially, intrusive equipment prevented this system from being used in boardwalks and walkways. However, today, these applications benefit the most from instant foundations.

Modern, compact hydraulic-driven motors have made it the method preferred by knowledgeable soils engineers and construction contractors. Each year, Hubbell Power Systems, Inc. (HPS) proudly manufactures hundreds of thousands of screw foundations. By design, screw foundations can solve several challenges posed by environmentally sensitive applications.

Helical piles are often battered to support both vertical and horizontal loads. This technique is beneficial in areas with elevated walkways and platforms.

KEY BENEFITS:

- No soil excavation
- Minimal impact on vegetation
- Install in limited-access areas

The galvanized-steel anchors are pre-engineered to transfer structure loads to bearing-capable strata below weak soils.

This isolates the structure's integrity from seasonal changes in the surface-layer conditions. To reach a sound geological footing, shaft extensions may be added during installation.

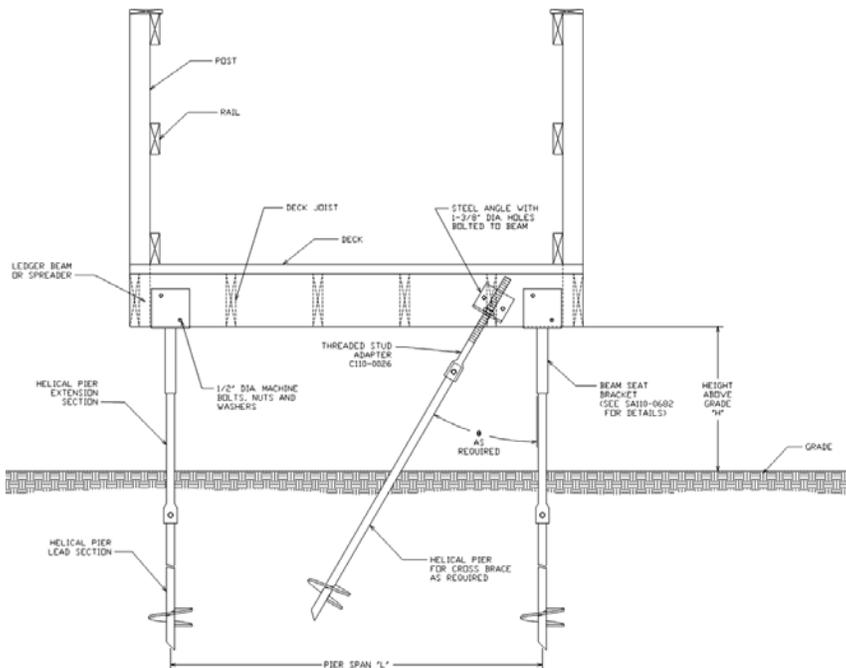




WALKWAY SUPPORT SYSTEM

A special beam-seat bracket employs a 12" long steel pipe to sleeve a 1-1/2" CHANCE® Type Square Shaft (SS) Helical Pile or 2-7/8" CHANCE Type Round Shaft (RS) Pipe Pile. The bracket has 7-1/2" wide flanges that mount it to lateral support beams for joist and deck structures. Flanges adjust to accept beams as wide as 3-1/2". Custom made brackets can accept beams up to 6" wide.

Ideal for sensitive wetland areas because the small equipment provides minimal disturbance, helical pier transfers loads to bearing capable strata deep below grade. The CHANCE Instant Foundation™ Solution is able to isolate the structure from seasonal layer changes and the design of the sectioned parts allows it to be ideal in limited access areas.



Never Compromise™



CHANCE Civil Construction | 210 North Allen Street | Centralia, MO 65240 | United States of America
 ©Copyright 2016 Hubbell Incorporated. Because Hubbell has a policy of continuous product improvement, we reserve the right to change design and specifications without notice.

Printed in the U.S.A. | SF_04_135_E

