## PC-150 FOR HPC-15 & HPC-15X

NEW CONSTRUCTION FLAT PLATE BRACKET FOR **COMPRESSION APPLICATIONS** FOR HELI-PILE® HELICAL PILE HPC-15 & HPC-15X

6"x6"x<sup>1</sup>/<sub>2</sub>" A36 STEEL PLATE, WELD TO TOP OF SQUARE COUPLER, 1/4" FILLET

COUPLER STEEL 2.75" OD, 0.375" WALL DOM PIPE PER ASTM A513 Gr 1026 (Fy=45 KSI) COLD FORGED SQUARE

NEW HELI-PILE® HELICAL PILE, HPC-15 & HPC-15X. PIER DEPTH DEPENDS ON PIER LOAD AND SOIL CONDITIONS

SINGLE OR MULTIPLE HELIX, NUMBER AND DIAMETER OF HELICES DEPENDS ON PIER LOAD AND SOIL CONDITIONS

THE ULTIMATE MECHANICAL COMPRESSION CAPACITY OF THIS BRACKET IS 110,000 LBS WHEN BOLTED, WELDED, OR EPOXY GLUED TO THE STEEL PIER SHAFT.

WHEN BOLTED WITH AN SAE J429 Gr 5  $\frac{3}{4}$ " DIAMETER BOLT, EQUAL OR BETTER, THE ULTIMATE MECHANICAL TENSION CAPACITY IS 46,000 LBS

NEW CONSTRUCTION FLAT PLATE COMPRESSION BRACKET - SQUARE COUPLER FOR HELI-PILE® HPC-15 & HPC-15X HELICAL PILES **NO SCALE** 

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**SPECIFICATION** SHEET

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**NEW CONSTRUCTION** COMPRESSION BRACKET

PC-150.DWG DRAWN BY:

ENGINEER: REVISION: RJV **JSP** 11/03/16