PC-175 FOR HPC-17

NEW CONSTRUCTION FLAT
PLATE BRACKET
FOR COMPRESSION APPLICATIONS
FOR HELI-PILE® HELICAL PILE HPC-17

WELD TO TOP OF SQUARE
COUPLER, ¼" FILLET
COUPLER STEEL 3 25" OD 0 438"

 $6"x6"x\frac{1}{2}"$ A36 STEEL PLATE,

COUPLER STEEL 3.25" OD, 0.438" WALL DOM PIPE PER ASTM A513 Gr 1026 (Fy=45 KSI) COLD FORGED SQUARE

NEW HELI-PILE® HELICAL PILE, HPC-17. PIER DEPTH 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 ASTM A193 Gr B7 $\frac{7}{8}$ " DIAMETER BOLT, EQUAL OR BETTER, THE ULTIMATE MECHANICAL TENSION CAPACITY IS 90.000 LBS

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

NO SCALE

HELI-PILE®

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SPECIFICATION SHEET

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NEW CONSTRUCTION COMPRESSION BRACKET

1

 PC-175.DWG
 SHEET 1 OF 1

 DRAWN BY:
 LENGINEER:
 DATE:
 LREVISION:

VN BY: RJV ENGINEER: JSP DATE: 11/03/16 R