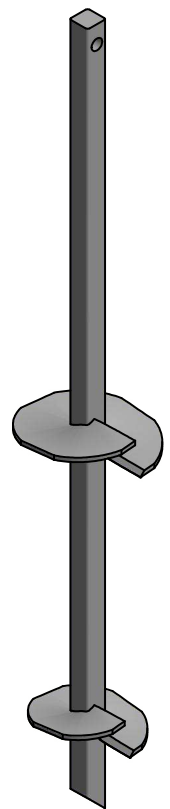


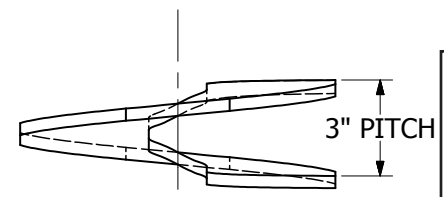
TYPICAL ANCHOR/PIER ASSEMBLY

TORQUE STRENGTH* RATING-10,500 FT-LB
 ULTIMATE CAPACITY (COMPRESSION)-105 KIP
 * BASED ON A TORQUE FACTOR (Kt)-10
 PER ICC-ES AC358 SECTION 3.13.2
 NOMINAL TENSION STRENGTH (COUPLING BOLT)-100 KIP



-NOTES-

- HOT DIP GALVANIZED PER ASTM A153-(LATEST REVISION).
- LEAD AND EXTENSION SECTION LENGTHS AND HELIX SPACINGS ARE NOMINAL.
- NOMINAL SPACING BETWEEN HELIX PLATES IS THREE TIMES THE DIAMETER OF THE LOWER HELIX
- SHAFT MATERIAL -HOT ROLLED ROUND CORNERED- SQUARE (RCS) SOLID STEEL BARS PER ASTM A29, MINIMUM YIELD STRENGTH= 90 KSI.
- HELIX MATERIAL- HOT ROLLED LOW ALLOY STEEL SHEET, STRIP, OR PLATE PER ASTM A656, OR A1018 GRADE 80, MINIMUM YIELD STRENGTH= 80 KSI. FOR 8" HELIXES, 1/2" THICK FOR ALL OTHER HELIXES 3/8" THICK.
- COUPLING BOLTS, 7/8" DIAMETER X 3-1/2" LONG HEX HEAD PER ASTM A193 GRADE B7.
- MANUFACTURER TO HAVE IN EFFECT INDUSTRY RECOGNIZED WRITTEN QUALITY CONTROL FOR ALL MATERIALS AND MANUFACTURING PROCESSES.
- ALL WELDING TO BE DONE BY WELDERS CERTIFIED UNDER SECTION 5 OF THE AWS CODE D1.1.
- SEE ICC EVALUATION SERVICE INC. EVALUATION REPORT NO. ESR-2794 FOR NOMINAL, DESIGN, AND ALLOWABLE STRENGTH VALUES AND/OR CONDITION OF USE CONCERNING INFORMATION PRESENTED ON THIS DRAWING.



HELIX MUST BE FORMED BY MATING METAL DIE
 (SIDE VIEW OF TRUE HELICAL FORM)

The Northeast's Leading Authorized CHANCE Distributor
 732-747-7222
 earthanchoring.com

ICC-ES LISTED ESR-2794

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|------------------------------------|-------------------------------------|---|--------------|
| CHANCE [®] | | HUBBELL [®] HUBBELL POWER SYSTEMS, INC. | |
| TITLE SS175 DOUBLE HELIX ANCHOR | | | |
| SIZE C | CAT / PART / ASSY NO. SA150-0012 | DWG NO. SA150-0012 | REV - |
| DO NOT SCALE THIS DRAWING | DRN BY BCT | DATE 04/11/16 | SHEET 1 OF 1 |

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