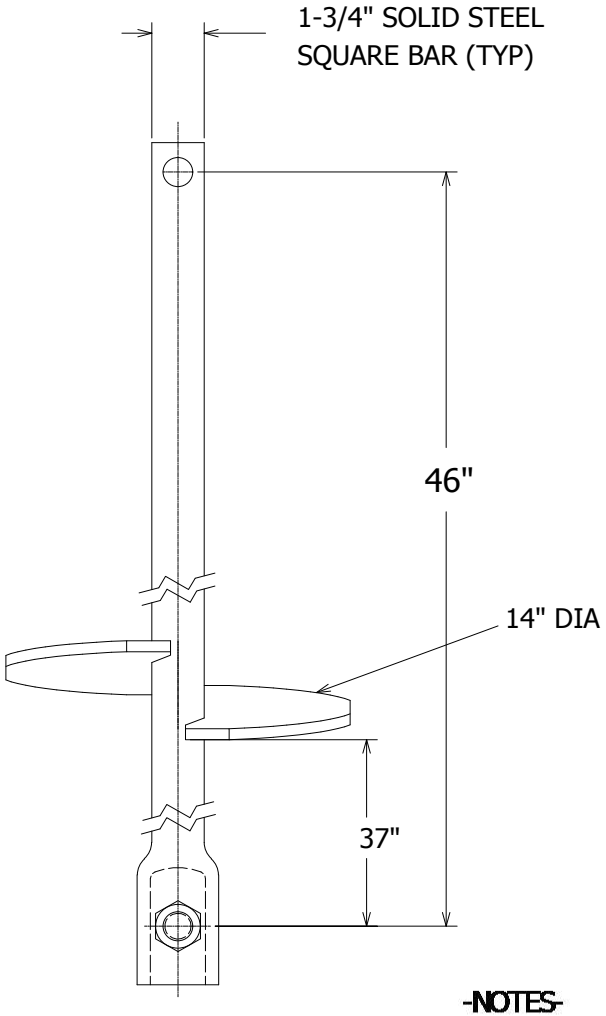
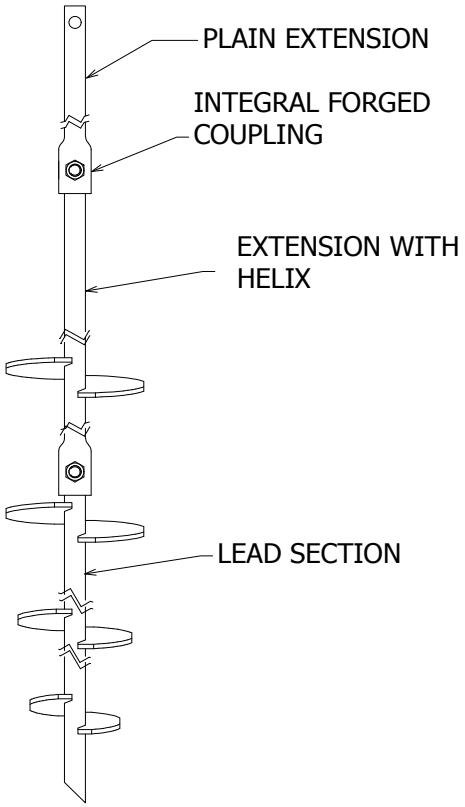
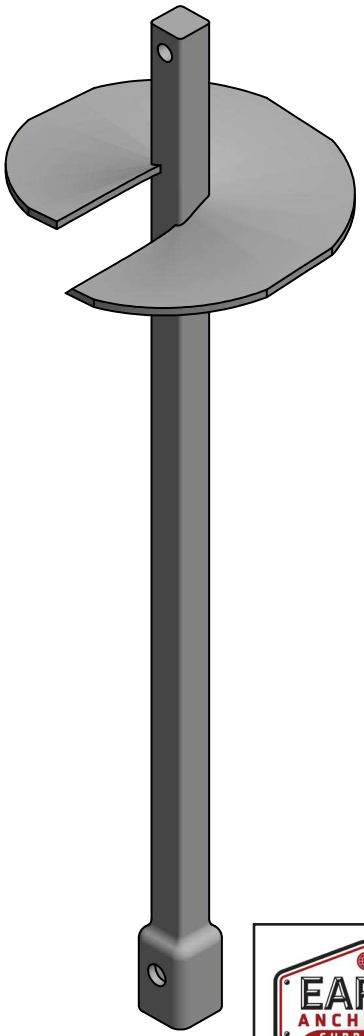




TYPICAL ANCHOR/PIER
ASSEMBLY



-NOTES-

1. HOT DIP GALVANIZED PER ASTM A153-(LATEST REVISION).
2. LEAD AND EXTENSION SECTION LENGTHS AND HELIX SPACINGS ARE NOMINAL.
3. SHAFT MATERIAL –HOT ROLLED ROUND CORNERED- SQUARE (RCS) SOLID STEEL BARS PER ASTM A29, MINIMUM YIELD STRENGTH= 90 KSI.
4. COUPLING BOLTS, 7/8" DIAMETER X 3-1/2" LONG HEX HEAD PER ASTM A193 GRADE B7.
5. MANUFACTURER TO HAVE IN EFFECT INDUSTRY RECOGNIZED WRITTEN QUALITY CONTROL FOR ALL MATERIALS AND MANUFACTURING PROCESSES..
6. ALL WELDING TO BE DONE BY WELDERS CERTIFIED UNDER SECTION 5 OF THE AWS CODE D1.1.
7. 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.
8. REFER TO DRAWING SA150-10012 FOR PLAIN EXTENSIONS AND TERMINATIONS.

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

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ESR-2794

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HUBBELL® POWER SYSTEMS, INC.

TITLE
SS175
SINGLE HELIX EXTENSION

SIZE	CAT / PART / ASSY NO.	DWG NO.	REV
C	C150-0185	SA150-0185	-

DO NOT SCALE THIS DRAWING	DRN BY BCT	DATE 12/4/16	SHEET 1 OF 1