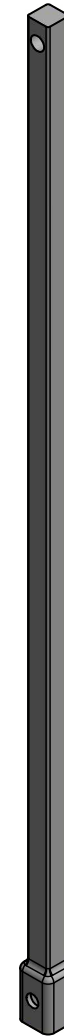


TYPICAL ANCHOR/PIER ASSEMBLY



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-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.

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

ICC-ES LISTED
ESR-2794

CHANCE [®]		HUBBELL [®] HUBBELL POWER SYSTEMS, INC.	
POWER SYSTEMS, INC.			
TITLE			
SS 175 PLAIN EXTENSION			
SIZE	CAT / PART / ASSY NO.	DWG NO.	REV
C	C150-0184	SA150-0184	-
DO NOT SCALE THIS DRAWING	DRN BY BCT	DATE 05/24/16	SHEET 1 OF 1

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