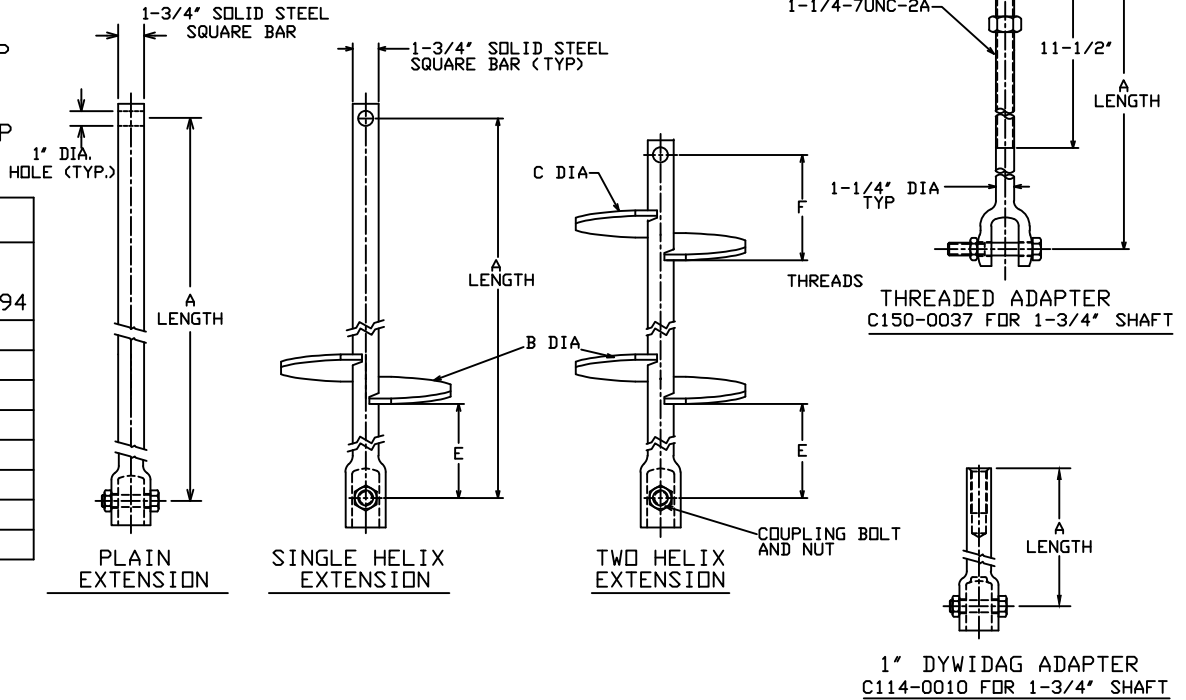


# SS175 EXTENSIONS

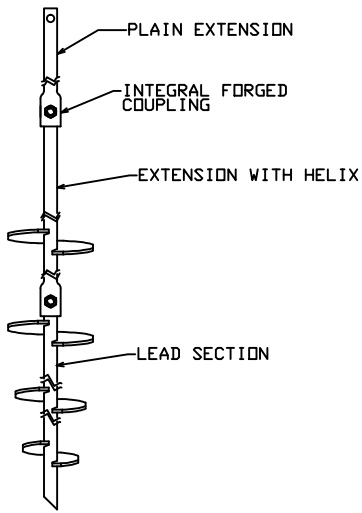
TORQUE STRENGTH RATING-10,500 FT-LB  
 ULTIMATE CAPACITY\* (TENSION/COMPRESSION)-105 KIP  
 \* BASED ON A TORQUE FACTOR (Kt)=10  
 PER ICC-ES AC308 SECTION 3.13.2  
 NOMINAL TENSION STRENGTH (COUPLING BOLT)-100 KIP

EXTENSION SECTION						
CAT. NO.	A	B	C	E	F	ICC-ES LISTED ESR-2794
C150-0183	38"					X
C150-0013	59"					X
C150-0014	80"					X
C150-0184	124"					X
C150-0037	20"					
C114-0010	12"					
C150-0185	46"	14"		37"		X
C150-0186	80"	14"	14"	36"	8"	X



## ==NOTES==

- HOT DIP GALVANIZED PER ASTM A153-(LATEST REVISION).
- LEAD AND EXTENSION SECTION LENGTHS AND HELIX SPACINGS ARE NOMINAL.
- SHAFT MATERIAL-HOT ROLLED ROUND-CORNERED-SQUARE (RCS) SOLID STEEL BARS PER ASTM A29; MINIMUM YIELD STRENGTH=90 KSI.
- 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 CONDITIONS OF USE CONCERNING INFORMATION PRESENTED ON THIS DRAWING.
- REFER TO SA150-10012 FOR LEAD SECTIONS AND HELICAL EXTENSIONS.



TYPICAL ANCHOR/PILE ASSEMBLY

ICC-ES LISTED ESR-2794

CHANCE	HUBBELL POWER SYSTEMS		
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TITLE SS175 EXTENSIONS		SIZE SC SA150-0183	REV B
DO NOT SCALE THIS DRAWING	DRN BY KSH	DATE 4/12/06	SHEET 2/2