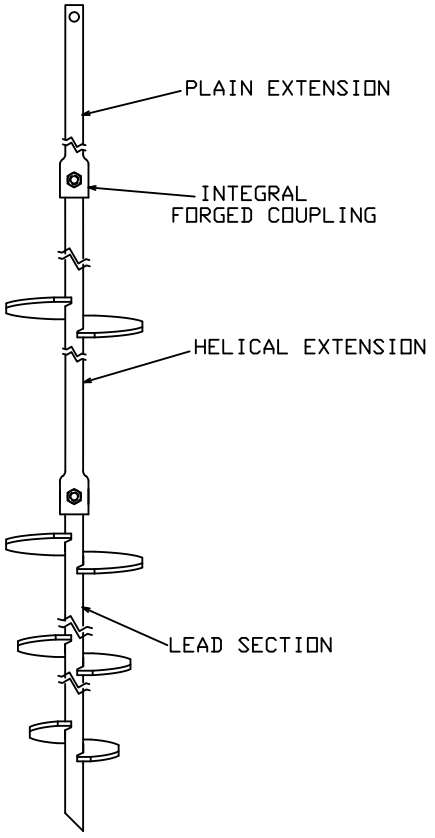
TORQUE STRENGTH RATING - 5,700 FT-LB
ULTIMATE CAPACITY*(TENSION/COMPRESSION)-57 KIP
* BASED ON A TORQUE FACTOR (Kt)=10
PER ICC-ES AC358 SECTION 3.13.2
NOMINAL TENSION STRENGTH (COUPLING BOLT)-70 KIP

SS5 EXTENSIONS

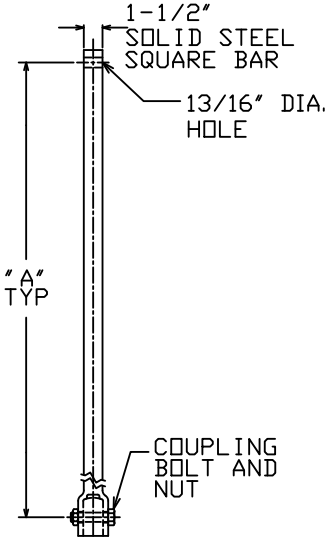
EXTENSION				
CAT. NO.	"A"	"B"	"E"	ICC-ES LISTED ESR-2794
C1500159	57-1/2"	12"	27-1/2"	X
C1500166	37-3/4"	14"	27-3/4"	X
C1500167	57-1/2"	14"	27-1/2"	
C1500158	58"	10"	8"	
T1500440	59"	14"	4"	
C1500047	37-3/4"			X
C1500008	57-1/2"			X
C1500009	80-1/2"			X
C1500048	120"			X
C1500032	20"			
C1140009	11"			

-NOTES-

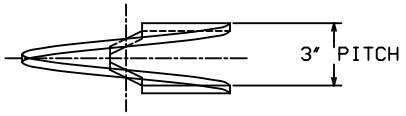
1. HOT DIP GALVANIZED PER ASTM A153-(LATEST REV.)
2. EXTENSION SECTION LENGTHS ARE NOMINAL.
3. SHAFT MATERIAL-HOT ROLLED ROUND-CORNERED-SQUARE (RCS) SOLID STEEL BARS PER ASTM A29; MINIMUM YIELD STRENGTH=70 KSI.
4. COUPLING BOLTS: 3/4" DIAMETER X 3" LONG HEX HEAD PER ASTM A193 GRADE B7.
5. MANUFACTURER 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 CONDITIONS OF USE CONCERNING INFORMATION PRESENTED ON THIS DRAWING.
8. REFER TO SA1500001 DRAWING FOR LEAD SECTIONS.

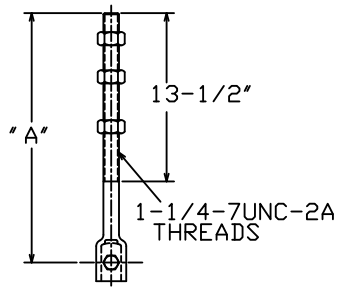


TYPICAL ANCHOR/PILE ASSEMBLY

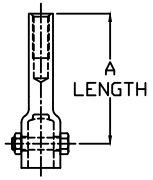


PLAIN EXTENSION

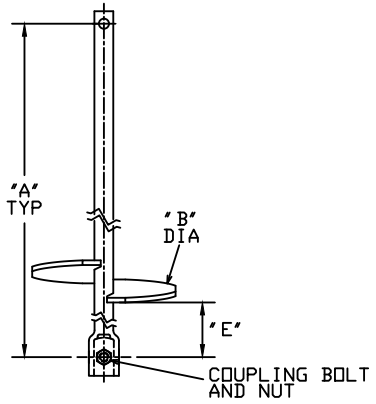




THREADED ADAPTER C150-0032 FOR 1-1/2" SHAFT



1" DYWIDAG ADAPTER C114-0009 FOR 1-1/2" SHAFT



SINGLE HELIX EXTENSION

ICC-ES LISTED ESR-2794

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CHANCE

HUBBELL® POWER SYSTEMS

TITLE: SS5 EXTENSIONS

SIZE	DWG NO.	CAT / PART / ASSY NO.	REV
SC	SA1500047	SEE CHART	G

DO NOT SCALE THIS DRAWING | DRN BY KSH | DATE 4/25/05 | SHEET 1/1

97.5