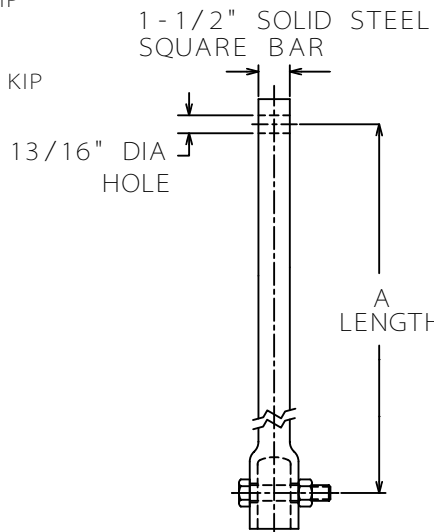


SS150 EXTENSIONS

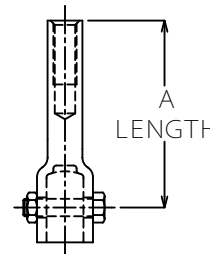
TORQUE STRENGTH RATING - 7,000 FT-LB
 ULTIMATE CAPACITY*(TENSION/COMPRESSION) - 70 KIP
 * BASED ON A TORQUE FACTOR $K=10$
 SINGLE HELIX ULTIMATE STRENGTH - 40 KIP
 ULTIMATE TENSION STRENGTH (COUPLING BOLT) - 70 KIP

EXTENSION SECTION		
CAT. NO.	A	ICC-ES [†] LISTED
C150-0144	38"	X
C150-0145	59"	X
C150-0146	81"	X
C150-0175	124"	X
C150-0032	20"	
C114-0009	11"	

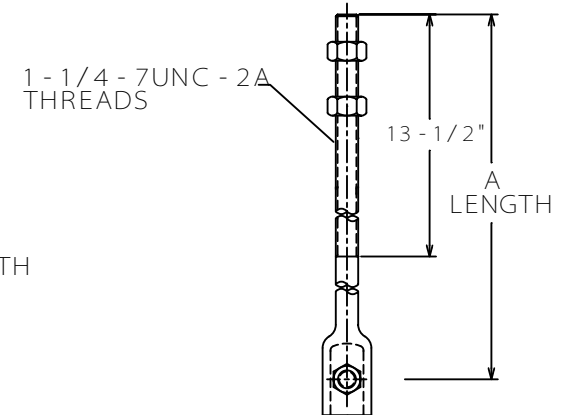
[†]ICC-ES LISTINGS FORMERLY ICBO, SBCCI, AND BOCA.



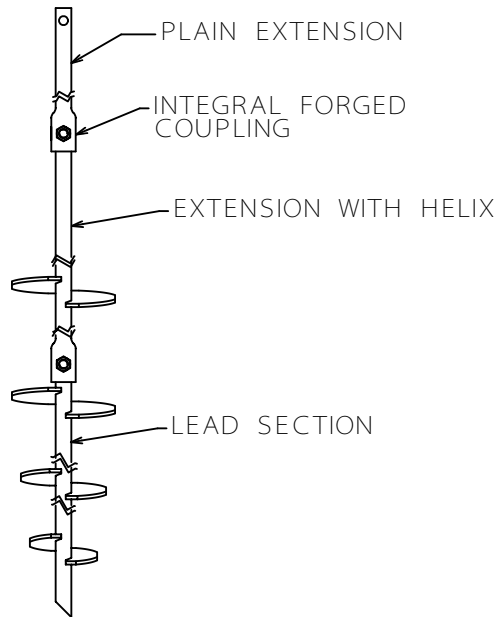
PLAIN
EXTENSION



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



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



TYPICAL ANCHOR/PIER
ASSEMBLY


==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=70 KSI.
- COUPLING BOLTS: 3/4" DIAMETER X 3" LONG HEX HEAD PER ASTM A325 TYPE 1.
- 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. ER-5110 FOR ALLOWABLE VALUES AND/OR CONDITIONS OF USE CONCERNING MATERIAL PRESENTED IN THIS DOCUMENT.
- REFER TO SA150-10013 FOR LEAD SECTIONS AND HELICAL EXTENSIONS.

ICC-ES
LISTED
RR 94-27

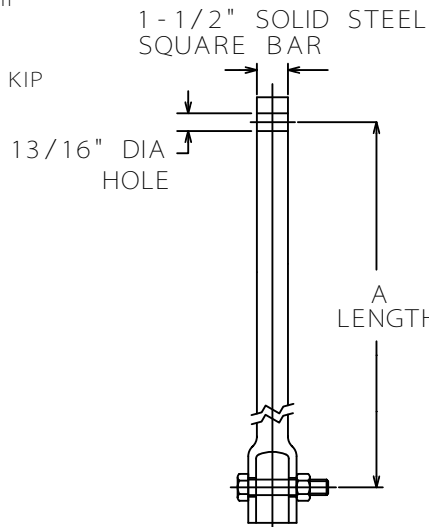
ICC-ES
LISTED
ER-9504

ICC-ES
LISTED
ER-5110

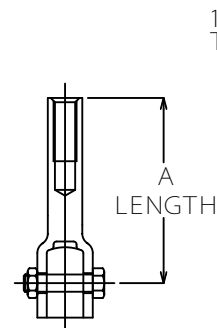
CHANCE		 HUBBELL POWER SYSTEM	
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SIZE	DWG NO.	CAT / PART / ASSY NO.	REV
DO NOT SCALE THIS DRAWING	SC SA150-0144	SEE CHART	B
DRN BY KSH	DATE 4/26/05	SHEET 2/2	

SS150 EXTENSIONS

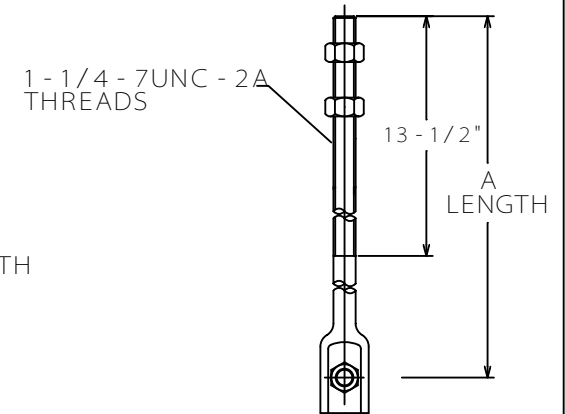
TORQUE STRENGTH RATING - 7,000 FT-LB
 ULTIMATE CAPACITY *(TENSION/COMPRESSION) - 70 KIP
 * BASED ON A TORQUE FACTOR $\phi = 10$
 SINGLE HELIX ULTIMATE STRENGTH - 40 KIP
 ULTIMATE TENSION STRENGTH (COUPLING BOLT) - 70 KIP



PLAIN
EXTENSION



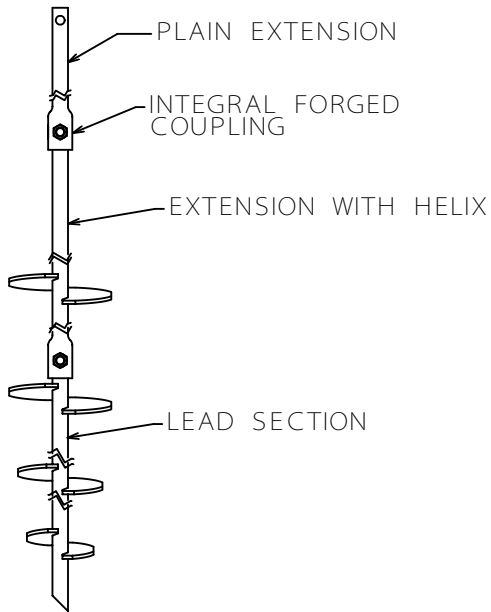
1" DYWIDAG ADAPTER
C114 - 0009 FOR 1 - 1/2" SHAFT



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

EXTENSION SECTION		
CAT. NO.	A	ICC - ES† LISTED
C150 - 0144	38"	X
C150 - 0145	59"	X
C150 - 0146	81"	X
C150 - 0175	124"	X
C150 - 0032	20"	
C114 - 0009	11"	

† ICC - ES LISTINGS FORMERLY ICBO, SBCCI, AND BOCA.



TYPICAL ANCHOR/PIER
ASSEMBLY


==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=70 KSI.
- COUPLING BOLTS: 3/4" DIAMETER X 3" LONG HEX HEAD PER ASTM A325 TYPE 1.
- 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. ER - 5110 FOR ALLOWABLE VALUES AND/OR CONDITIONS OF USE CONCERNING MATERIAL PRESENTED IN THIS DOCUMENT.
- REFER TO SA150 - 10013 FOR LEAD SECTIONS AND HELICAL EXTENSIONS.

ICC - ES
LISTED
RR 94 - 27

ICC - ES
LISTED
ER - 9504

ICC - ES
LISTED
ER - 5110

CHANCE		 HUBBELL POWER SYSTEMS	
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SIZE SC	DWG NO. SA150 - 0144	CAT / PART / ASSY NO. SEE CHART	REV B
DO NOT SCALE THIS DRAWING	DRN BY KSH	DATE 4/26/05	SHEET 2/2