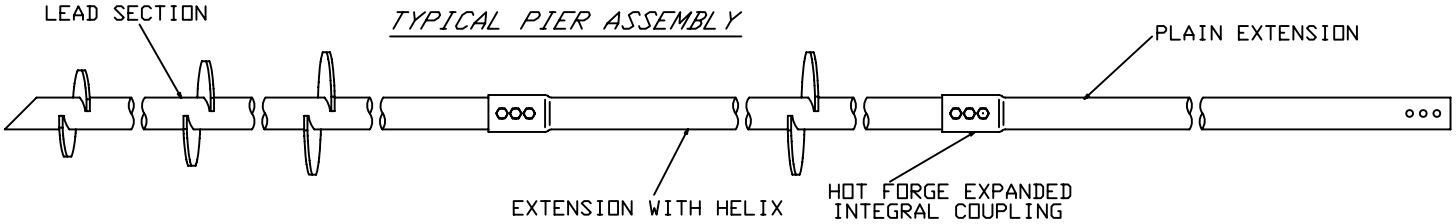
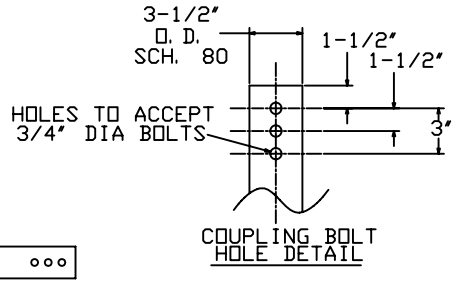
RS3500, 300 HELICAL PIERS

TORQUE STRENGTH RATING-13,000 FT-LB
ULTIMATE CAPACITY*(TENSION/COMPRESSION)-91 KIP
* BASED ON A TORQUE FACTOR (Kt)=7
SINGLE HELIX ULTIMATE STRENGTH-50 KIP
ULTIMATE TENSION STRENGTH (COUPLING BOLT)-120 KIP

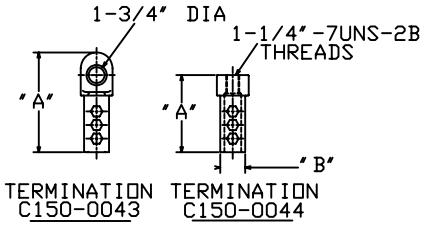


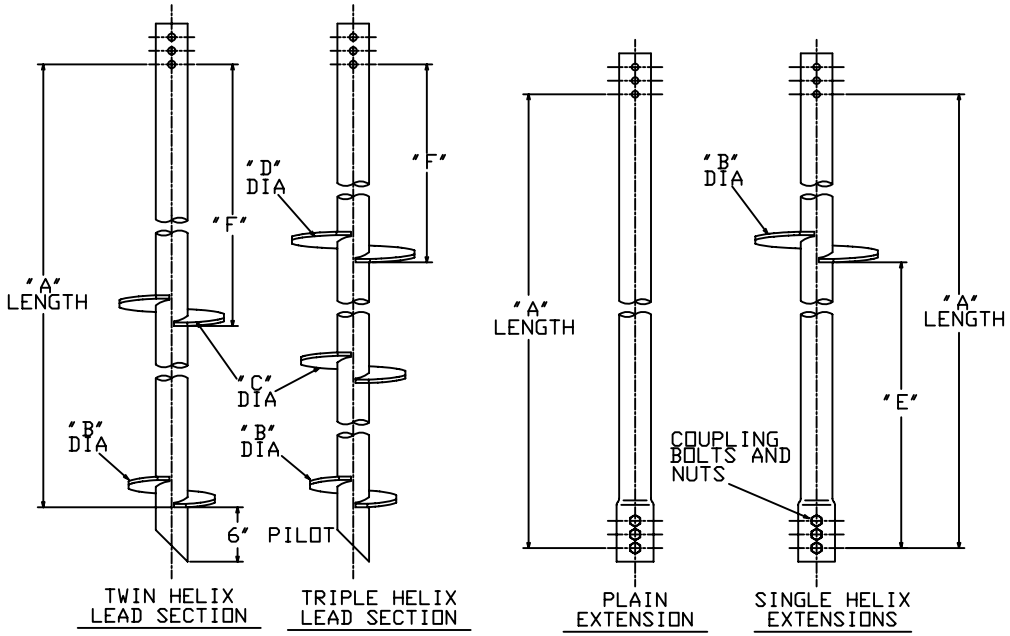


LEAD SECTIONS					
CAT. NO.	"A"	"B"	"C"	"D"	"F"
C150-0023	75"	10"	12"		45"
C150-0024	75"	10"	12"	14"	9"

EXTENSION SECTIONS			
CAT. NO.	"A"	"B"	"E"
C150-0025	56"		
C150-0026	78"		
C150-0216	119"		
C150-0217	43"	14"	37"

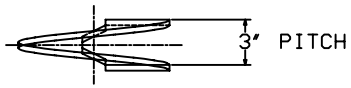
TERMINATIONS		
CAT. NO.	"A"	"B"
C150-0043	11"	2-3/4"
C150-0044	8-1/2"	2-3/4"





-NOTES-

1. HOT DIP GALVANIZED PER ASTM A123-(LATEST REV.).
2. LEAD AND EXTENSION SECTION LENGTHS AND HELIX SPACINGS ARE NOMINAL.
3. NOMINAL SPACING BETWEEN HELIX PLATES IS THREE TIMES THE DIAMETER OF THE LOWER HELIX.
4. SHAFT MATERIAL PER ASTM A618 OR A500 GRADE B OR MECHANICAL EQUIVALENT.
5. HELIX MATERIAL LOW CARBON STEEL MEETING THE GENERAL REQUIREMENTS OF AISI, OR ASTM A36, A572, A656, OR A1018.
6. COUPLING BOLTS: 3/4" DIAMETER X 5-3/4" LONG HEX HEAD PER SAE J429 GRADE 5.
7. MANUFACTURER TO HAVE IN EFFECT INDUSTRY RECOGNIZED WRITTEN QUALITY CONTROL FOR ALL MATERIALS AND MANUFACTURING PROCESSES.
8. ALL WELDING TO BE DONE BY WELDERS CERTIFIED UNDER SECTION 5 OF THE AWS CODE D1.1.
9. EXTENSIONS MUST BE PROVIDED WITH A HOT FORGE EXPANDED INTEGRAL COUPLING CONNECTION ON ONE END.
10. REFER TO SA107-10044 DRAWING FOR A MORE COMPLETE LIST OF LEADS AND SA150-10045 FOR PLAIN AND HELICAL EXTENSIONS.



HELIX MUST BE FORMED BY MATCHING METAL DIE
(SIDE VIEW)

CHANCE

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HUBBELL POWER SYSTEMS

TITLE: RS3500,300 LEADS AND EXTENSIONS

SIZE	DWG NO.	CAT / PART / ASSY NO.	REV
SC	SA150-0019	SEE CHART	G

DO NOT SCALE THIS DRAWING | DRN BY KSH | DATE 4/12/06 | SHEET 1/1