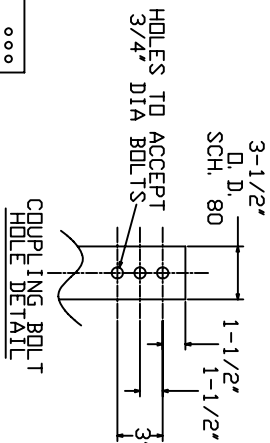
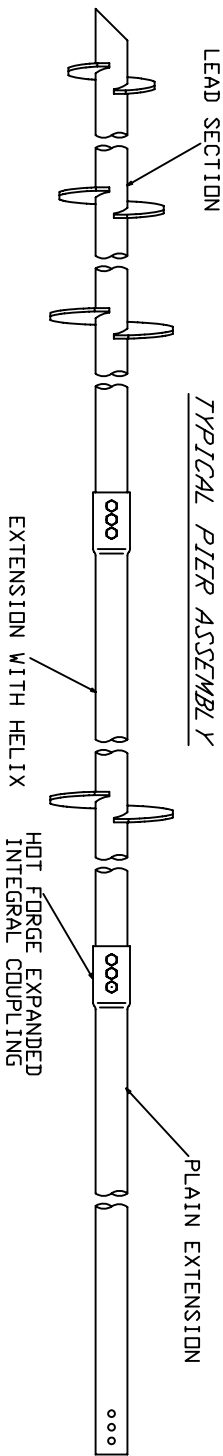


# HS HELICAL PIERS

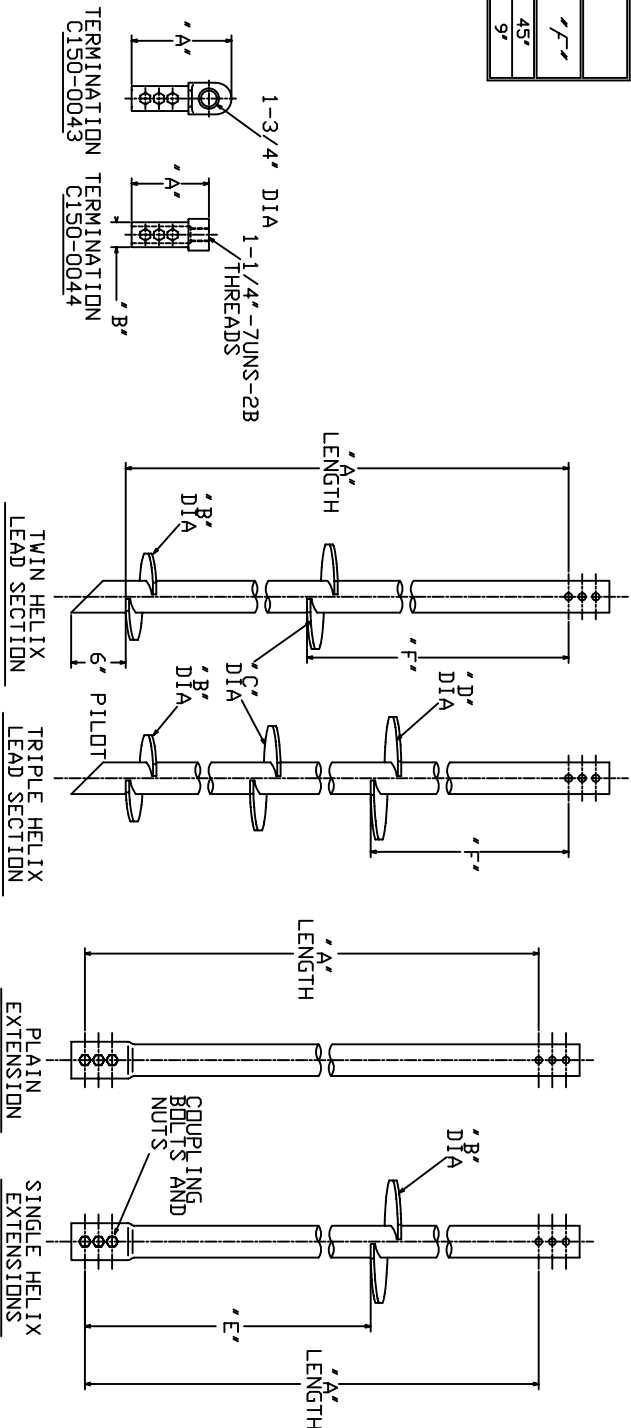
TORQUE STRENGTH RATING--13,000 FT-LB  
 ULTIMATE CAPACITY\*(TENSION/COMPRESSION)--91 KIP  
 \* BASED ON A TORQUE FACTOR (K<sub>t</sub>)=7  
 † SINGLE HELIX ULTIMATE STRENGTH--50 KIP  
 ‡ ULTIMATE TENSION STRENGTH (COUPLING BOLT)--120 KIP



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-

- HOT DIP GALVANIZED PER ASTM A123-(LATEST REV.).
- 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 PER ASTM A618 OR A500 GRADE B OR MECHANICAL EQUIVALENT.
- HELIX MATERIAL LOW CARBON STEEL MEETING THE GENERAL REQUIREMENTS OF AISI, DR ASTM A36, A572, A556, OR A1018.
- COUPLING BOLTS: 3/4" DIAMETER X 5-3/4" LONG HEX HEAD PER SAE J429 GRADE 5.
- 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.
- EXTENSIONS MUST BE PROVIDED WITH A HOT FORGE EXPANDED INTEGRAL COUPLING CONNECTION ON ONE END.
- 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		HUBBELL POWER SYSTEMS	
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SIZE	DWG NO.	CAT / PART / ASSY NO.	REV
DO NOT SCALE	SC1 SA150-0019	SEE CHART	F
THIS DRAWING	DWN BY KSH	DATE 4/12/06	SHEET 1/1