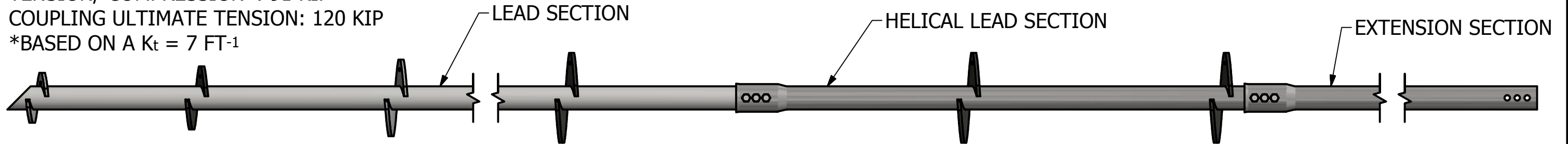


RS3500.300

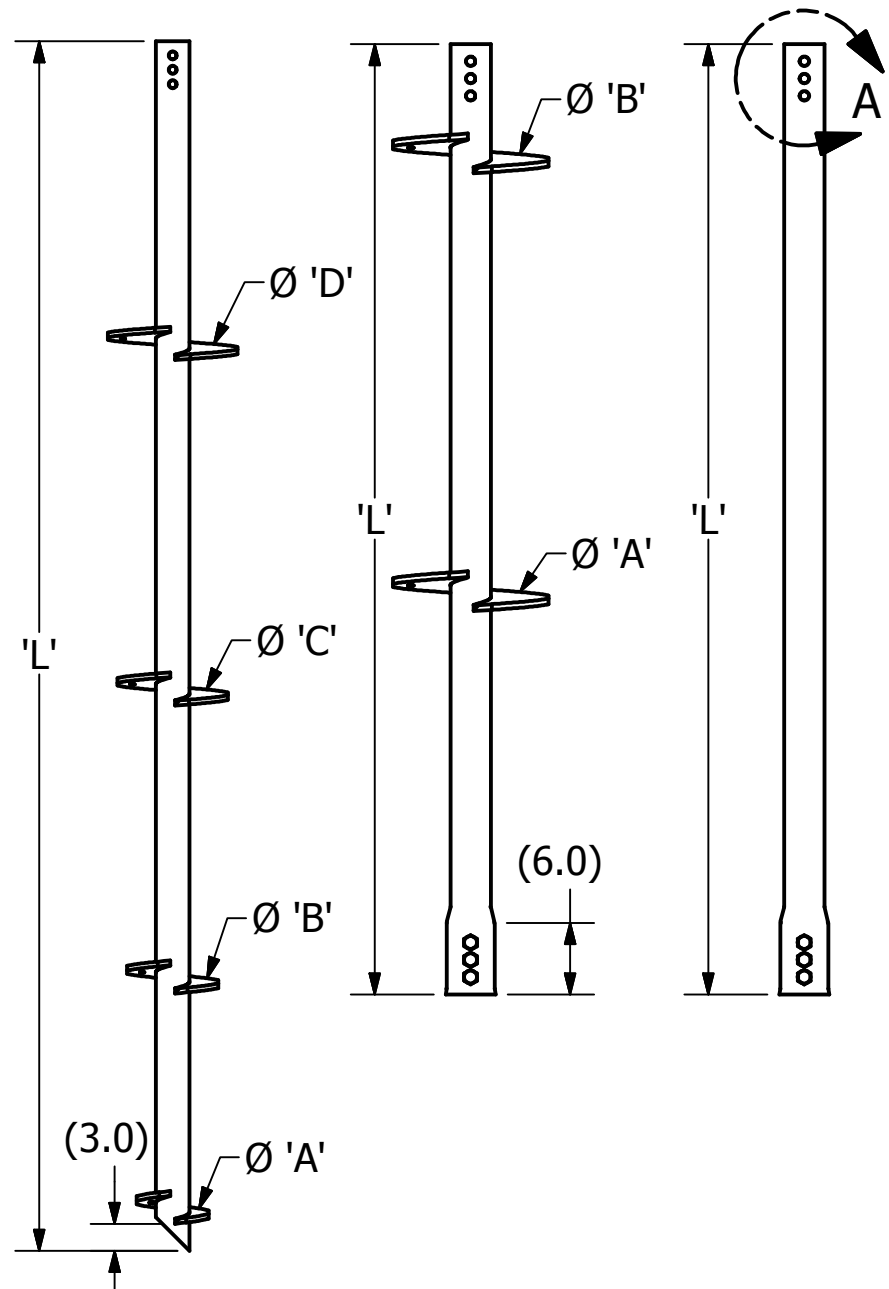
HSS 3 INCH SCH 80
 TORQUE: 13,000 FT-LBS
 TENSION/ COMPRESSION*: 91 KIP
 COUPLING ULTIMATE TENSION: 120 KIP
 *BASED ON A $K_t = 7 \text{ FT}^{-1}$



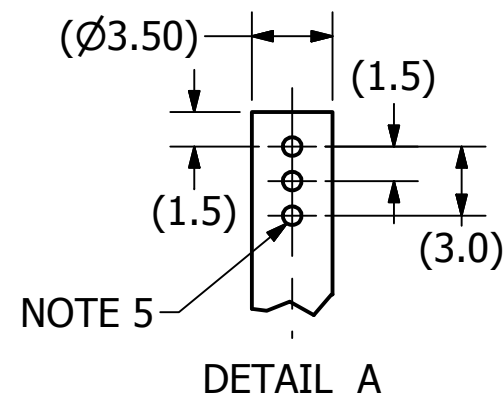
** NOTES **

- HOT DIP GALVANIZED PER ASTM A123
- LEAD AND EXTENSION SECTION LENGTHS AND HELIX SPACINGS ARE NOMINAL
- PIPE SHAFT MATERIAL PER ASTM A618 OR A500 GRADE B/C MIN YIELD 50KSI.
- HELIX MATERIAL LOW CARBON STEEL MEETING THE GENERAL REQUIREMENTS OF AISI OR ASTM A572, A656, OR A1018
- COUPLING BOLTS: 0.75" DIAMETER X 5-1/4" LONG HEX HEAD PER SAE J425 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.
- ALL MEASUREMENTS ARE IN INCHES UNLESS SPECIFIED.
- HARDWARE IS PROVIDED WITH EXTENSIONS AND HELICAL EXTENSION SECTIONS.
- HELIX SPACING IT THREE DIAMETERS OF LOWER HELIX.

LEAD SECTION HELICAL EXTENSION SECTION EXTENSION SECTION



CATALOG NUM	DESCRIPTION	'A'	'B'	'C'	'D'	'L' (FT)
C1070560	LEAD, RS3500.300, 8/10 X 3.5FT	8	10	-	-	3.5
C1070563	LEAD, RS3500.300, 8/10/12 X 7FT	8	10	12	-	7
C1070566	LEAD, RS3500.300, 8/10/12/14 X 10FT	8	10	12	14	10
T1070813	LEAD, RS3500.300, 10 X 7FT	10	-	-	-	7
C1070561	LEAD, RS3500.300, 10/12 X 4FT	10	12	-	-	4
C1500023	LEAD, RS3500.300, 10/12 X 7FT	10	12	-	-	7
T1070812	LEAD, RS3500.300, 10/12 X 10FT	10	12	-	-	10
C1070564	LEAD, RS3500.300, 10/12/14 X 7FT	10	12	14	-	7
C1070567	LEAD, RS3500.300, 10/12/14/14 X 10FT	10	12	14	14	10
C1070565	LEAD, RS3500.300, 12/14/14 X 10FT	12	14	14	-	10
C1070568	LEAD, RS3500.300, 12/14/14/14 X 10FT	12	14	14	14	10
C1070573CU	EXTENSION, RS3500.300, 3.5FT	-	-	-	-	3.5
C1500025CU	EXTENSION, RS3500.300, 5FT	-	-	-	-	5
C1500026CU	EXTENSION, RS3500.300, 7FT	-	-	-	-	7
C1500216CU	EXTENSION, RS3500.300, 10FT	-	-	-	-	10
C1070577CU	EXTENSION, RS3500.300, 14 X 5FT	14	-	-	-	5
C1070579CU	EXTENSION, RS3500.300, 14/14 X 7FT	14	14	-	-	7
P1100814P	BOLT, HH .75 X 5.25	-	-	-	-	-
450315P	NUT, FINISHED HH .750-10 GLAV	-	-	-	-	-
058331P	WASHER, LOCK SPR .750 GALV	-	-	-	-	-



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	HELICAL PIER RS3500.300			
SIZE B	CAT / PART / ASSY NO. SEE CHART	DWG NO. SA1070573CU	REV B	
DO NOT SCALE THIS DRAWING	DRN BY TLB	DATE 3/29/19	SHEET 1 OF 1	