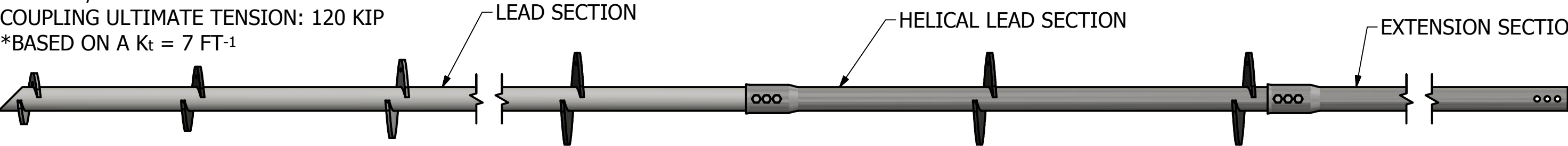
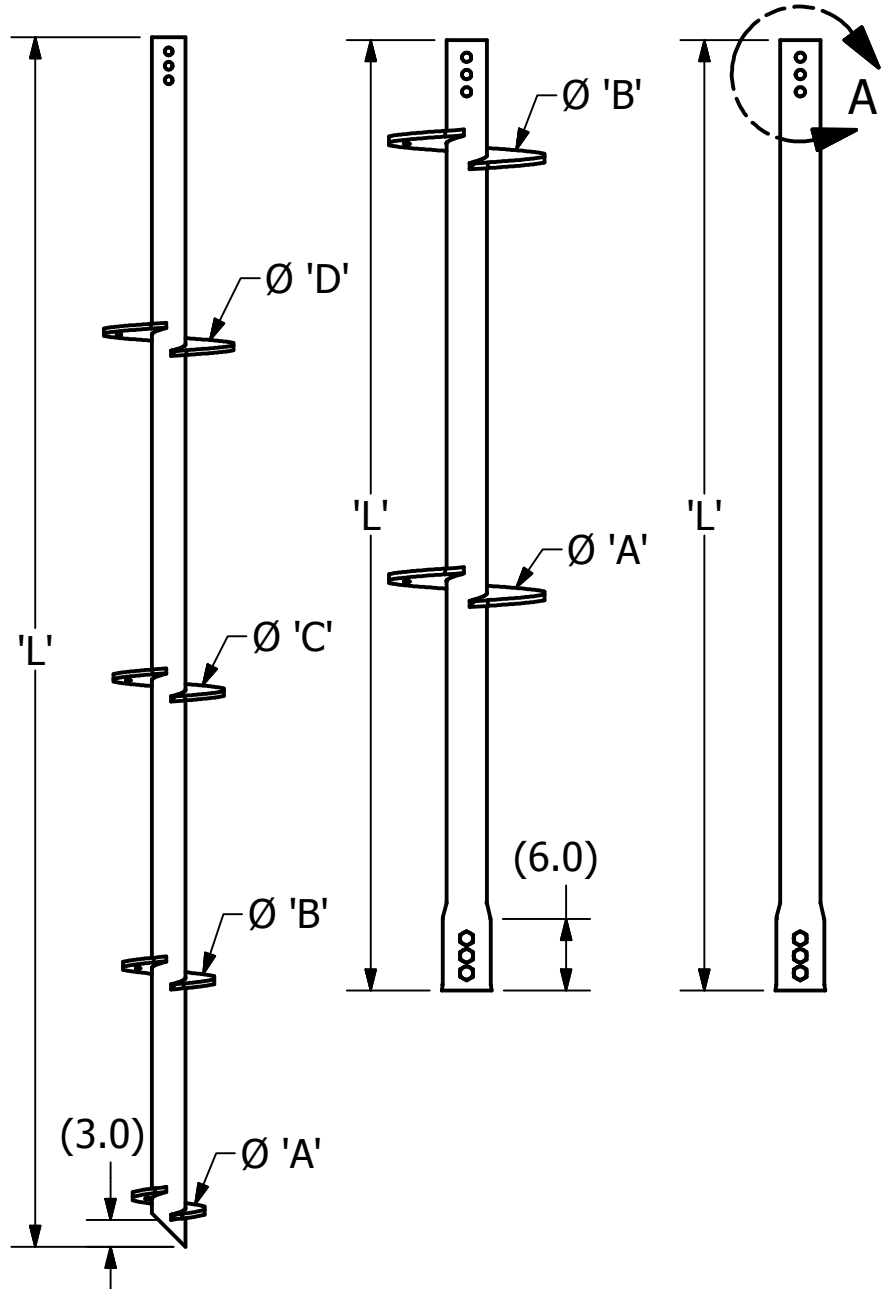


RS3500.300

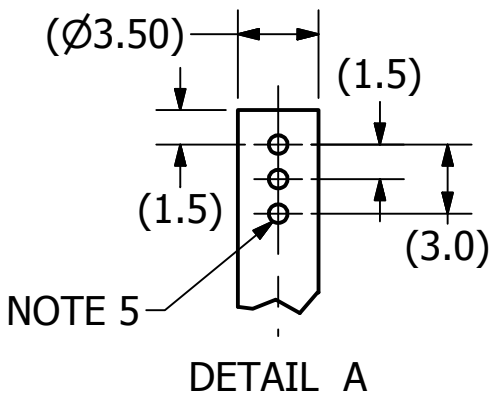
HSS 3 INCH SCH 80  
TORQUE: 13,000 FT-LBS  
TENSION/ COMPRESSION\*: 91 KIP  
COUPLING ULTIMATE TENSION: 120 KIP  
\*BASED ON A K<sub>t</sub> = 7 FT-1



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           | -   | -   | -   | -   | -        |



\*\* NOTES \*\*

1. HOT DIP GALVANIZED PER ASTM A123
2. LEAD AND EXTENSION SECTION LENGTHS AND HELIX SPACINGS ARE NOMINAL
3. PIPE SHAFT MATERIAL PER ASTM A618 OR A500 GRADE B/C MIN YIELD 50KSI.
4. HELIX MATERIAL LOW CARBON STEEL MEETING THE GENERAL REQUIREMENTS OF AISI OR ASTM A572, A656, OR A1018
5. COUPLING BOLTS: 0.75" DIAMETER X 5-1/4" LONG HEX HEAD PER SAE J425 GRADE 5
6. MANUFACTURER TO HAVE IN EFFECT INDUSTRY RECOGNIZED WRITTEN QUALITY CONTROL FOR ALL MATERIALS AND MANUFACTURING PROCESSES
7. ALL WELDING TO BE DONE BY WELDERS CERTIFIED UNDER SECTION 5 OF THE AWS CODE D1.1.
8. ALL MEASUREMENTS ARE IN INCHES UNLESS SPECIFIED.
9. HARDWARE IS PROVIDED WITH EXTENSIONS AND HELICAL EXTENSION SECTIONS.
10. HELIX SPACING IT THREE DIAMETERS OF LOWER HELIX.

CHANCE®

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POWER SYSTEMS, INC.

HELICAL PIER  
RS3500.300

|                           |                                    |                        |              |
|---------------------------|------------------------------------|------------------------|--------------|
| SIZE<br>B                 | CAT / PART / ASSY NO.<br>SEE CHART | DWG NO.<br>SA1070573CU | REV<br>B     |
| DO NOT SCALE THIS DRAWING | DRN BY TLB                         | DATE 3/29/19           | SHEET 1 OF 1 |