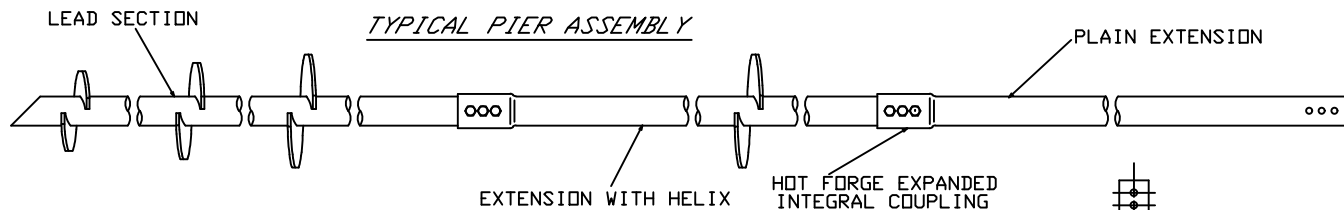
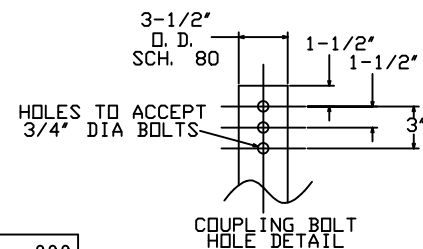


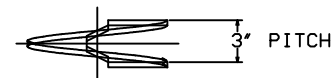
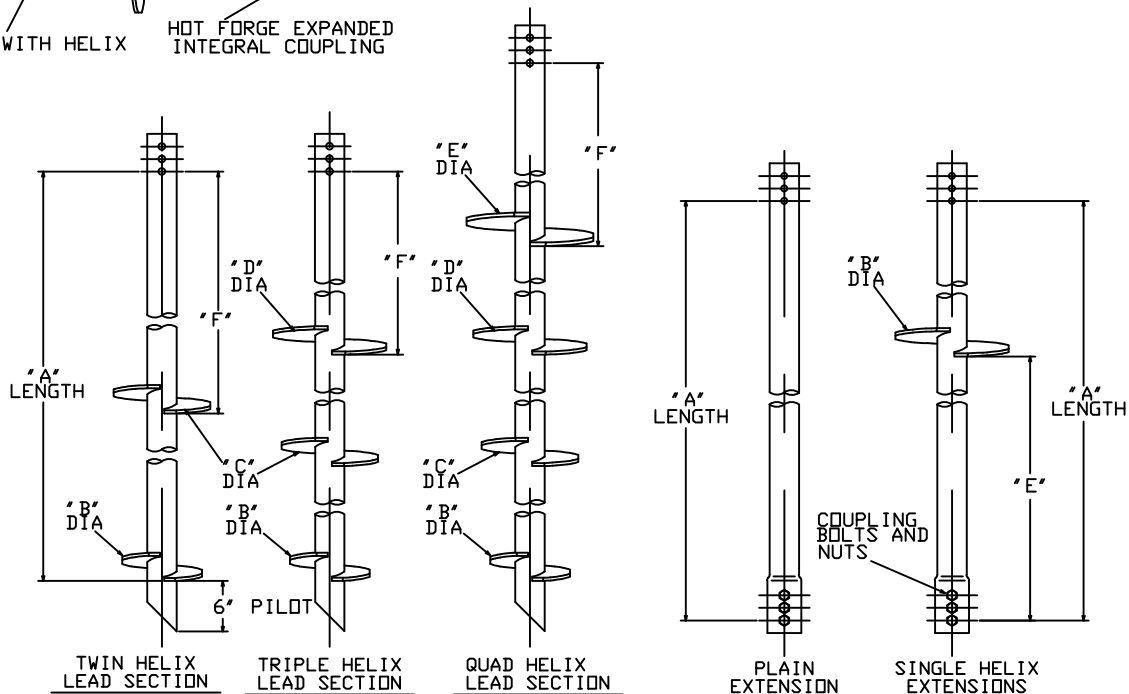
RS3500.300 HELICAL PIERS

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" | "E" | "F" |
| CRSLCABFF03 | 33' | 8' | 10' | | | 9' |
| CRSLCABCD10 | 117' | 8' | 10' | 12' | 14' | 27' |
| CRSLCABCF07 | 75' | 8' | 10' | 12' | | 21' |
| CRSLCBCFF07 | 75' | 10' | 12' | | | 45' |
| CRSLCBCDF07 | 75' | 10' | 12' | 14' | | 9' |
| CRSLCBCFF10 | 117' | 10' | 12' | | | 79' |

| EXTENSION SECTIONS | | | |
|--------------------|------|-----|-----|
| CAT. NO. | "A" | "B" | "E" |
| CRSECF05 | 56' | -- | -- |
| CRSECF07 | 77' | -- | -- |
| CRSECF10 | 119' | -- | -- |
| CRSECF03 | 43' | 14' | 37' |



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

-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, OR ASTM A36, A572, A656, 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.

| | | | |
|---|---------------|--|-----------|
| CHANCE | | HUBBELL POWER SYSTEMS <small>POWER SYSTEM, INC</small> | |
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| SIZE | DWG. NO. | CAT / PART / ASSY NO. | REV |
| SC | SACRSLCABFF03 | SEE CHART | A |
| DO NOT SCALE THIS DRAWING | DRN BY TLW | DATE 5/26/11 | SHEET 1/1 |