

| PART #   | WIRE  | WIRE STRIP LENGTH | STUD HOLE | A<br>±.1 | B<br>±.08 | D<br>±.01 | E<br>±.01 | G<br>±.1 | C<br>±.1 | T<br>±.03 | W<br>±.03 |
|----------|-------|-------------------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|-----------|
| S8-10R   | 8     | 7/16              | #10       | 1.1      | .40       | .27       | .18       | .25      | .56      | .08       | .41       |
| S8-14R   | 8     | 7/16              | 1/4       | 1.2      | .40       | .27       | .18       | .25      | .62      | .07       | .48       |
| S8-56R   | 8     | 7/16              | 5/16      | 1.3      | .40       | .27       | .18       | .33      | .75      | .05       | .60       |
| S8-38R   | 8     | 7/16              | 3/8       | 1.4      | .40       | .27       | .18       | .36      | .84      | .05       | .60       |
| S6-10R   | 6     | 1/2               | #10       | 1.2      | .48       | .31       | .22       | .25      | .56      | .09       | .45       |
| S6-14R   | 6     | 1/2               | 1/4       | 1.3      | .48       | .31       | .22       | .25      | .62      | .08       | .48       |
| S6-56R   | 6     | 1/2               | 5/16      | 1.4      | .48       | .31       | .22       | .32      | .74      | .07       | .56       |
| S6-38R   | 6     | 1/2               | 3/8       | 1.5      | .48       | .31       | .22       | .36      | .84      | .06       | .62       |
| S4-10R   | 4     | 1/2               | #10       | 1.2      | .48       | .38       | .28       | .25      | .56      | .09       | .55       |
| S4-14R   | 4     | 1/2               | 1/4       | 1.3      | .48       | .38       | .28       | .25      | .62      | .09       | .55       |
| S4-56R   | 4     | 1/2               | 5/16      | 1.4      | .48       | .38       | .28       | .32      | .74      | .09       | .55       |
| S4-38R   | 4     | 1/2               | 3/8       | 1.5      | .48       | .38       | .28       | .36      | .84      | .07       | .62       |
| S2-10R   | 2 & 1 | 5/8               | #10       | 1.6      | .59       | .47       | .36       | .36      | .74      | .11       | .70       |
| S2-14R   | 2 & 1 | 5/8               | 1/4       | 1.6      | .59       | .47       | .36       | .36      | .74      | .11       | .70       |
| S2-56R   | 2 & 1 | 5/8               | 5/16      | 1.7      | .59       | .47       | .36       | .36      | .80      | .11       | .70       |
| S2-38R   | 2 & 1 | 5/8               | 3/8       | 1.7      | .59       | .47       | .36       | .36      | .83      | .11       | .70       |
| S2-12R   | 2 & 1 | 5/8               | 1/2       | 1.9      | .59       | .47       | .36       | .47      | 1.07     | .09       | .79       |
| S1/0-14R | 1/0   | 5/8               | 1/4       | 1.6      | .58       | .52       | .39       | .36      | .74      | .12       | .76       |
| S1/0-56R | 1/0   | 5/8               | 5/16      | 1.7      | .58       | .52       | .39       | .36      | .80      | .12       | .76       |
| S1/0-38R | 1/0   | 5/8               | 3/8       | 1.7      | .58       | .52       | .39       | .37      | .84      | .12       | .76       |
| S1/0-12R | 1/0   | 5/8               | 1/2       | 1.9      | .58       | .52       | .39       | .47      | 1.07     | .12       | .82       |
| S2/0-14R | 2/0   | 11/16             | 1/4       | 1.9      | .66       | .58       | .45       | .45      | .90      | .13       | .85       |
| S2/0-56R | 2/0   | 11/16             | 5/16      | 1.9      | .66       | .58       | .45       | .45      | .90      | .13       | .85       |
| S2/0-38R | 2/0   | 11/16             | 3/8       | 1.9      | .66       | .58       | .45       | .45      | .90      | .13       | .85       |
| S2/0-76R | 2/0   | 11/16             | 7/16      | 2.1      | .66       | .58       | .45       | .51      | 1.10     | .13       | .85       |
| S2/0-12R | 2/0   | 11/16             | 1/2       | 2.1      | .66       | .58       | .45       | .51      | 1.10     | .13       | .85       |
| S3/0-14R | 3/0   | 7/8               | 1/4       | 2.1      | .83       | .64       | .51       | .45      | .90      | .13       | .96       |
| S3/0-56R | 3/0   | 7/8               | 5/16      | 2.1      | .83       | .64       | .51       | .45      | .90      | .13       | .96       |
| S3/0-38R | 3/0   | 7/8               | 3/8       | 2.1      | .83       | .64       | .51       | .45      | .90      | .13       | .96       |
| S3/0-76R | 3/0   | 7/8               | 7/16      | 2.3      | .83       | .64       | .51       | .51      | 1.10     | .13       | .96       |
| S3/0-12R | 3/0   | 7/8               | 1/2       | 2.3      | .83       | .64       | .51       | .51      | 1.10     | .13       | .96       |
| S4/0-56R | 4/0   | 15/16             | 5/16      | 2.3      | .91       | .71       | .57       | .57      | 1.04     | .14       | 1.06      |
| S4/0-38R | 4/0   | 15/16             | 3/8       | 2.3      | .91       | .71       | .57       | .57      | 1.04     | .14       | 1.06      |
| S4/0-76R | 4/0   | 15/16             | 7/16      | 2.5      | .91       | .71       | .57       | .57      | 1.16     | .14       | 1.06      |
| S4/0-12R | 4/0   | 15/16             | 1/2       | 2.5      | .91       | .71       | .57       | .57      | 1.16     | .14       | 1.06      |
| S250-56R | 250   | 1-1/16            | 5/16      | 2.5      | 1.01      | .77       | .63       | .57      | 1.04     | .14       | 1.17      |
| S250-38R | 250   | 1-1/16            | 3/8       | 2.5      | 1.01      | .77       | .63       | .57      | 1.04     | .14       | 1.17      |
| S250-76R | 250   | 1-1/16            | 7/16      | 2.6      | 1.01      | .77       | .63       | .57      | 1.16     | .14       | 1.17      |
| S250-12R | 250   | 1-1/16            | 1/2       | 2.6      | 1.01      | .77       | .63       | .57      | 1.16     | .14       | 1.17      |



LISTED  
587H  
E52164

CERTIFIED  
LR31212

NOTES:

1. MATERIAL: HIGH CONDUCTIVITY SEAMLESS COPPER TUBING
2. PLATING: TIN
3. UL LISTED WITH CODE COPPER CONDUCTORS FOR APPLICATIONS UP TO 35KV, FILE E52164
4. CONSULT CABLE MANUFACTURER FOR VOLTAGE STRESS RELIEF INSTRUCTIONS WITH APPLICATIONS GREATER THEN 2000 VOLTS
5. CSA CERTIFIED FOR APPLICATIONS UP TO 600V, FILE LR31212
6. FOR USE WITH COPPER CABLES ONLY

C41178\_10

|     |       |      |     |   |       |      |     |
|-----|-------|------|-----|---|-------|------|-----|
| 10  | 4/04  | JHNU |     | REMOVED AN-4 AND NAVY 40-50 FROM PART.      |       |      |     |
| 09  | 4/02  | SAB  | RWS | PARTS ON THIS DWG. HAVE BEEN REDESIGNED     | 10159 | JAC  | TRO |
| 08  | 4/01  | BDK  | SKB | FILESPEC WAS N41178CA_PCD_07 ADDED END VIEW | 09360 | JAC  | CJZ |
| 07  | 12/00 | EJS  | SKB | ADDED TOLERANCE TO THE DIMENSIONS           | 08921 | JAC  | CCH |
| REV | DATE  | BY   | CHK | DESCRIPTION                                 | ECN # | CUST | PM  |



CORP.

TINLEY PARK, ILLINOIS

TUBULAR TERMINALS  
CUSTOMER DRAWING

|                 |              |               |                       |
|-----------------|--------------|---------------|-----------------------|
| DRAWN BY<br>EJD | CHK'D<br>WJB | SCALE<br>NONE | DRAWING NO.<br>C41178 |
|-----------------|--------------|---------------|-----------------------|