

## BATTERY CALCULATIONS

1269 JONESBORO ROAD  
HARNETT COUNTY, N.C. 28334

| PAD-5 - NAC EXTENDER PANEL        |         |            |      |                   |             |                   |          |
|-----------------------------------|---------|------------|------|-------------------|-------------|-------------------|----------|
| DESCRIPTION                       | MAN.    | MODEL NO.  | QTY. | SUPV. CURRENT (A) |             | ALARM CURRENT (A) |          |
|                                   |         |            |      | PER UNIT          | EXTENDED    | PER UNIT          | EXTENDED |
| MAIN CIRCUIT BOARD                | SIEMENS | PAD-5      | 1    | 0.078000          | 0.078000    | 0.174000          | 0.174000 |
| <b>STROBES ( CEILING )</b>        |         |            |      |                   |             |                   |          |
| STROBE [ CEILING ] [ 15cd ]       | SIEMENS | SL2 SERIES | 7    | 0.000000          | 0.000000    | 0.022000          | 0.154000 |
| STROBE [ CEILING ] [ 75cd ]       | SIEMENS | SL2 SERIES | 5    | 0.000000          | 0.000000    | 0.060000          | 0.300000 |
| STROBE [ CEILING ] [ 95cd ]       | SIEMENS | SL2 SERIES | 1    | 0.000000          | 0.000000    | 0.086000          | 0.086000 |
| <b>HORN STROBES ( CEILING )</b>   |         |            |      |                   |             |                   |          |
| HORN STROBE [ CEILING ] [ 15cd ]  | SIEMENS | SL2 SERIES | 21   | 0.000000          | 0.000000    | 0.030000          | 0.630000 |
| HORN STROBE [ CEILING ] [ 75cd ]  | SIEMENS | SL2 SERIES | 1    | 0.000000          | 0.000000    | 0.070000          | 0.070000 |
| HORN STROBE [ CEILING ] [ 110cd ] | SIEMENS | SL2 SERIES | 10   | 0.000000          | 0.000000    | 0.102000          | 1.020000 |
| CURRENT SUBTOTAL                  |         |            |      |                   | 0.078000    |                   | 2.434000 |
| TIME (HOURS)                      |         |            |      |                   | x 24.000000 | x                 | 0.083333 |
| AMP HOUR SUBTOTAL                 |         |            |      |                   |             | 1.872000          | 0.202833 |
| TOTAL AMP HOURS                   |         |            |      |                   |             |                   | 2.074833 |
| 20% DETERIORATION FACTOR          |         |            |      |                   |             | +                 | 0.414967 |
| TOTAL AMP HOURS REQUIRED          |         |            |      |                   |             |                   | 2.489800 |
| <b>TWO 7AH BATTERIES REQUIRED</b> |         |            |      |                   |             |                   |          |