

## **BATTERY CALCULATIONS**

1269 JONESBORO ROAD  
HARNETT COUNTY, N.C. 28334

<b>FC922 FIRE ALARM CONTROL PANEL</b>							
DESCRIPTION	MAN.	MODEL NO.	QTY.	SUPV. CURRENT (A)		ALARM CURRENT (A)	
				PER UNIT	EXTENDED	PER UNIT	EXTENDED
MAIN CIRCUIT BOARD	SIEMENS	FC922	1	0.105000	0.105000	0.105000	0.105000
REMOTE FIRE ANNUNCIATOR	SIEMENS	FT2015-U3	1	0.200000	0.200000	0.200000	0.200000
SMOKE DETECTOR W/ STANDARD BASE	SIEMENS	OP921 W/DB-11	1	0.000280	0.000280	0.000280	0.000280
PULL STATION	SIEMENS	XMS-M	8	0.000500	0.004000	0.000500	0.004000
MONITOR MODULE	SIEMENS	XTRI-S	2	0.000500	0.001000	0.000650	0.001300
<b>STROBES ( CEILING )</b>							
STROBE [ CEILING ] [ 15cd ]	SIEMENS	SL2S SERIES	4	0.000000	0.000000	0.022000	0.088000
<b>HORN STROBES ( CEILING )</b>							
HORN STROBE [ CEILING ] [ 110cd ]	SIEMENS	SL2S SERIES	9	0.000000	0.000000	0.102000	0.918000
CURRENT SUBTOTAL					0.310280		1.316580
TIME (HOURS)				x	24.000000	x	0.083333
AMP HOUR SUBTOTAL					7.446720	+	0.109715
TOTAL AMP HOURS							7.556435
20% DETERIORATION FACTOR						+	1.511287
TOTAL AMP HOURS REQUIRED							9.067722
<b>TWO 12AH BATTERIES REQUIRED</b>							

**BATTERY CALCULATIONS**

1269 JONESBORO ROAD  
HARNETT COUNTY, N.C. 28334

<b>PAD-5 - NAC EXTENDER PANEL</b>							
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>HORN STROBES ( CEILING )</b>							
HORN STROBE [ CEILING ] [ 110cd ]	SIEMENS	SL2 SERIES	40	0.000000	0.000000	0.102000	4.080000
CURRENT SUBTOTAL					0.078000		4.254000
TIME (HOURS)				x	24.000000	x	0.083333
AMP HOUR SUBTOTAL					1.872000	+	0.354500
TOTAL AMP HOURS							2.226500
20% DETERIATION FACTOR						+	0.445300
TOTAL AMP HOURS REQUIRED							2.671800
<b>TWO 7AH BATTERIES REQUIRED</b>							