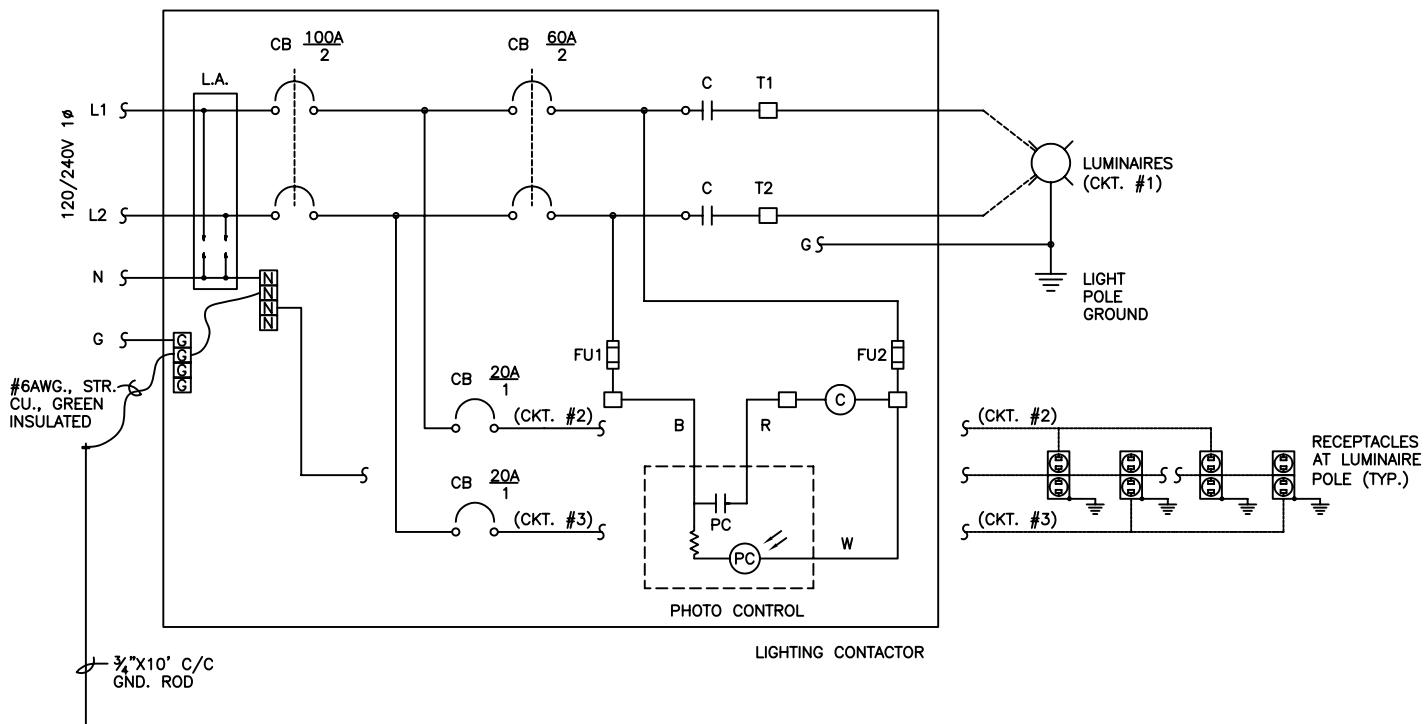

COX

Research and Technology, Inc.

CITY OF PORT ALLEN LIGHTING CONTACTOR

Cox Research and Technology, Inc.
14697 S. Harrells Ferry Road
Baton Rouge, LA. 70816
(225) 756-3271 Fax (225) 755-1030

CP2118



SPECIFIC NOTES:

LIGHTING CONTACTOR PANEL, NEMA 4X STAINLESS STEEL. LIGHTING CONTACTOR SHALL BE AS FOLLOWS:

- A. PROVIDED WITH THE PROVISION OF BEING LOCKED.
- B. BREAKERS AS SHOWN ON THIS DRAWING, 10KAIC MINIMUM.
- C. LIGHTING CONTACTOR, 60A, 240V, 2-POLE, 240V AC COIL.
- D. 2-POLE 250V CONTROL FUSE HOLDER AND (2) FUSES RATED PER NEC.
- E. LIGHTNING ARRESTOR, 3-WIRE 120/240V 1φ, SECONDARY TYPE, SILICON CARBIDE VALVE BLOCK TYPE, MOUNTED INSIDE THE ENCLOSURE.
- F. PHOTOELECTRIC CONTROL, 240V, 1800VA, N.O. CONTACT, BUILT-IN TIME DELAY, RATED FOR TEMP. RANGE OF -40°F TO +158°F. MOUNT INSIDE THE ENCLOSURE ON A MOUNTING BRACKET. DRILL A 1 1/4" DIA. HOLE AND CEMENT PLEXIGLAS OVER THE HOLE IN THE ENCLOSURE. ORIENT THE HOLE AND PHOTOCELL "EYE" (1/4" MAX FROM THE HOLE) NORTH.

LIGHTING CONTACTOR SHALL BE PROVIDED WITH ALL NECESSARY TERMINAL BLOCKS, GROUND AND NEUTRAL LUGS AND SHALL BE WIRED TO MEET THE NEC REQUIREMENTS AND AS SHOWN ON THIS DRAWING. PANEL SHALL BE U.L. 508A LISTED.

	Drawing Title LIGHTING CONTACTOR				
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY C. RACHAL
DATE 8/01/05					DATE APPROVED BY DATE
	Project Title CITY OF PORT ALLEN CONTROL PANEL	<hr/> <hr/> COX Research and Technology, Inc. <hr/> <hr/>		P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225) 756-3271 Fax (225) 755-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-2118 SHEET NUMBER 1

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	S20168N4X	ENCLOSURE
1a	1	EBE	A2016P	BACKPLATE
2	1	SQUARE D	QUO2100	CB1
3	1	SQUARE D	QUO260	CB2
4	2	SQUARE D	QUO120	CB3,4
5	1	MARATHON	1321580	NEUTRAL BLOCK
6	1	ABB	A63-30-11-80	CONTACTOR
7	1	INTERMATIC	K4023	PHOTO EYE
8	1	FERRAZ SHAWMUT	ST270-1	LIGHTNING ARRESTER
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

	Drawing Title BILL OF MATERIALS						
DATE 8/11/05	REFERENCE DRAWING		NO.	REVISION-LOCATION	ECN	DATE	BY
	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED		
	C.C.	R.C.	BY C. RACHAL	BY	DATE		
Project Title DUPLEX PUMP CONTROL PANEL	 Research and Technology, Inc. 				P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER	
						DRAWING NUMBER	
						CP-2118	
						SHEET NUMBER	
							2