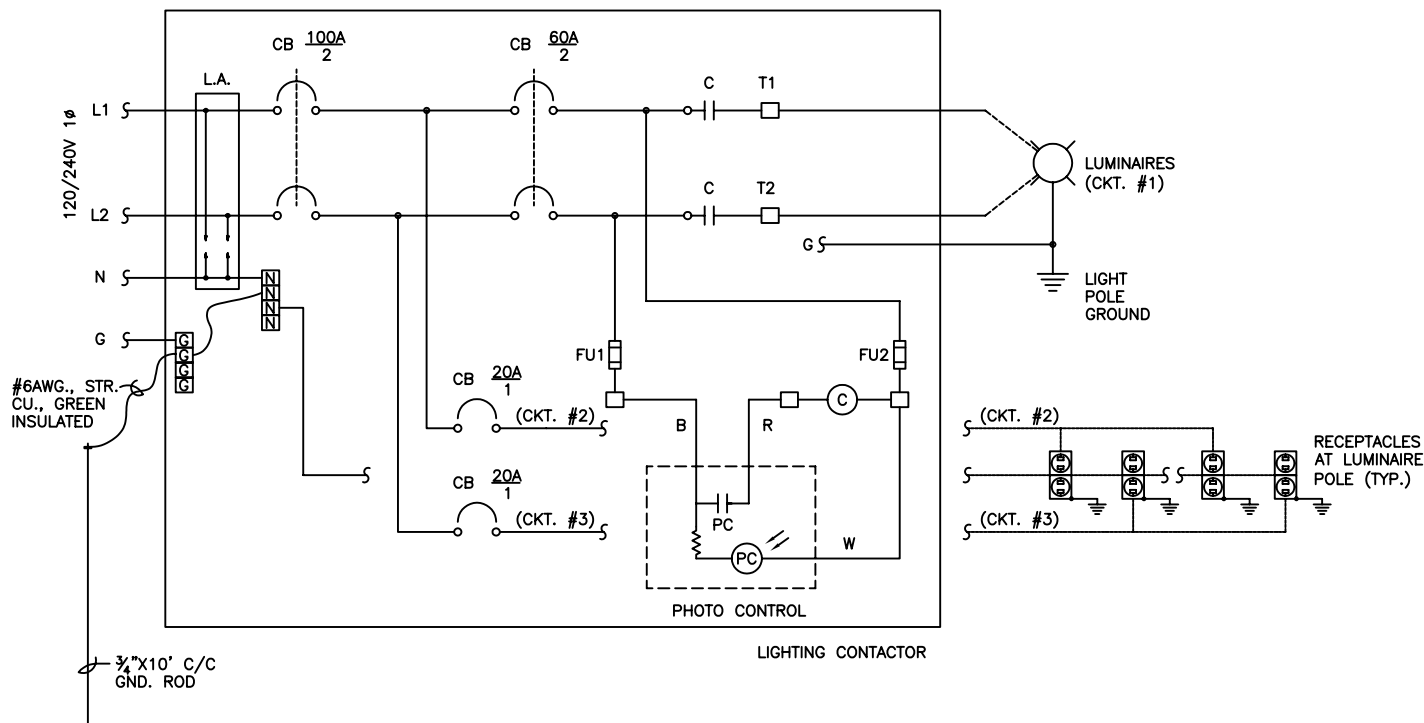

COX

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:
- PROVIDED WITH THE PROVISION OF BEING LOCKED.
 - BREAKERS AS SHOWN ON THIS DRAWING, 10KAIC MINIMUM.
 - LIGHTING CONTACTOR, 60A, 240V, 2-POLE, 240V AC COIL.
 - 2-POLE 250V CONTROL FUSE HOLDER AND (2) FUSES RATED PER NEC.
 - LIGHTNING ARRESTOR, 3-WIRE 120/240V 1Ø, SECONDARY TYPE, SILICON CARBIDE VALVE BLOCK TYPE, MOUNTED INSIDE THE ENCLOSURE.
 - 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							
DATE 8/01/05			REFERENCE DRAWING	NO.	REVISION-LOCATION		ECN	DATE
	S/N	Sales Engineer C.C.	Application Engineer R.C.		DRAWN		APPROVED	
					BY C. RACHAL	BY	DATE	
	Project Title					PURCHASE ORDER NUMBER		
	CITY OF PORT ALLEN CONTROL PANEL		COX Research and Technology, Inc.			P.O. Box 77808 Baton Rouge, LA 70809		DRAWING NUMBER CP-2118
						Ph. (225)756-3271 Fax (225)755-1030		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	QOU2100	CB1
3	1	SQUARE D	QOU260	CB2
4	2	SQUARE D	QOU120	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						
	<h2 style="margin: 0;">BILL OF MATERIALS</h2>						
DATE 8/11/05		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED BY DATE	
	Project Title	<div style="border-top: 3px double black; border-bottom: 3px double black; padding: 5px;"> <h1 style="margin: 0;">COX</h1> <p style="margin: 0;">Research and Technology, Inc.</p> </div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030		PURCHASE ORDER NUMBER DRAWING NUMBER <div style="text-align: right;">CP-2118</div> SHEET NUMBER <div style="text-align: right;">2</div>
	DUPLEX PUMP CONTROL PANEL						