
COX

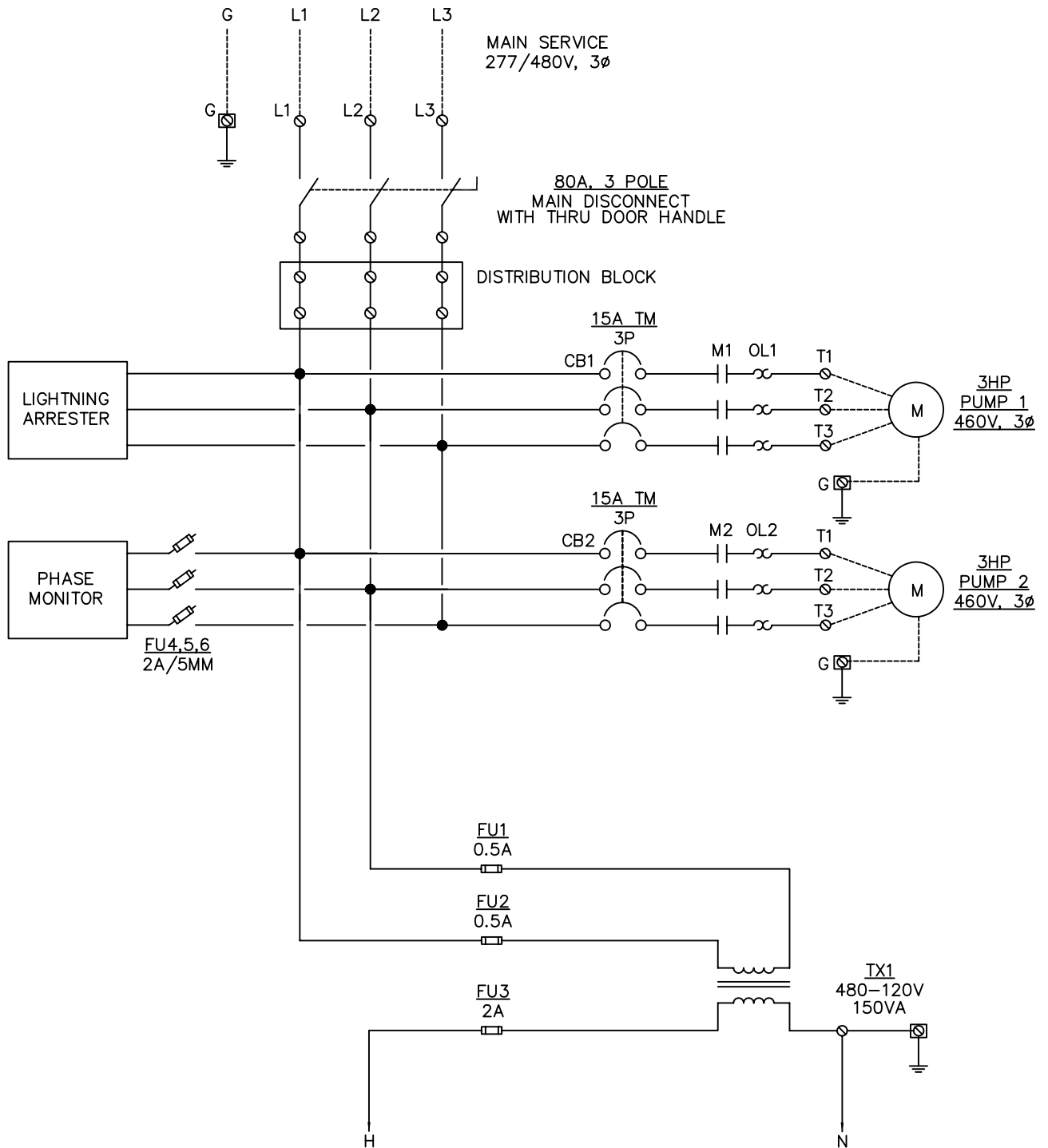
Research and Technology, Inc.

CITY OF PINEVILLE
WASCP
WASTE ACTIVATED SLUDGE
DUPLEX PUMP
CONTROL PANEL

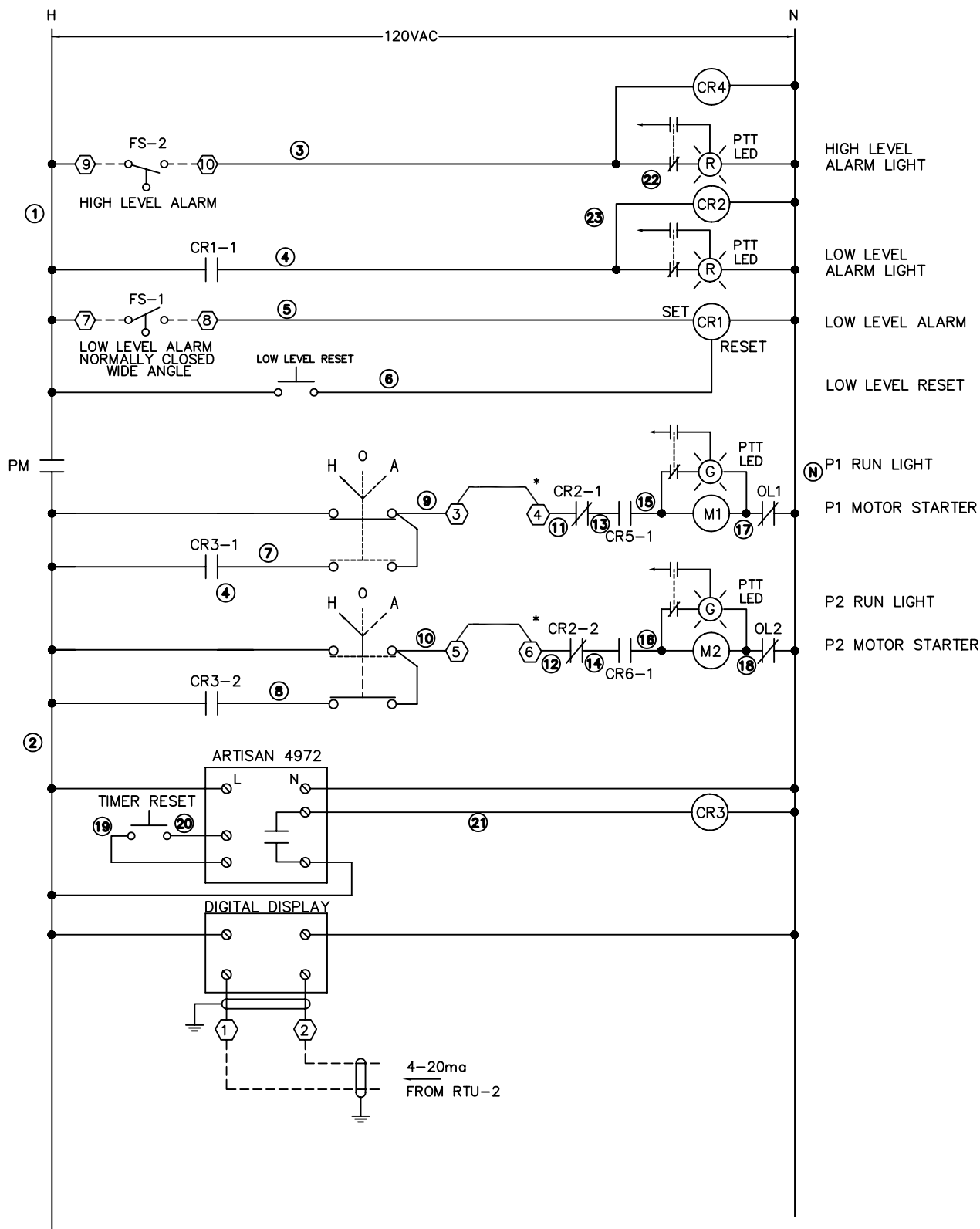
Cox Research and Technology, Inc.
14697 S. Harrells Ferry Road
Baton Rouge, LA. 70816
(225) 756-3271 Fax (225) 755-1030

CP-2278

	Drawing Title									
PANEL DESCRIPTION										
DATE 3/31/06		REFERENCE DRAWING S/N	Sales Engineer C.C.	NO. Application Engineer R.C.	REVISION-LOCATION DRAWN	ECN	DATE	BY	APPROVED	
	Project Title				CY C. RACHAL	BY DATE	PURCHASE ORDER NUMBER			
	DUPLEX PUMP CONTROL PANEL	<div style="text-align:center;"><div>COX</div><div>Research and Technology, Inc.</div></div>			P.O. Box 77808 Baton Rouge, LA 70809	DRAWING NUMBER CP-2278				
					Ph. (225)756-3271 Fax (225)755-1030	SHEET NUMBER 1				

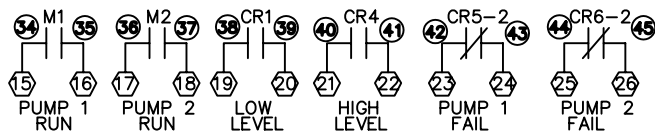
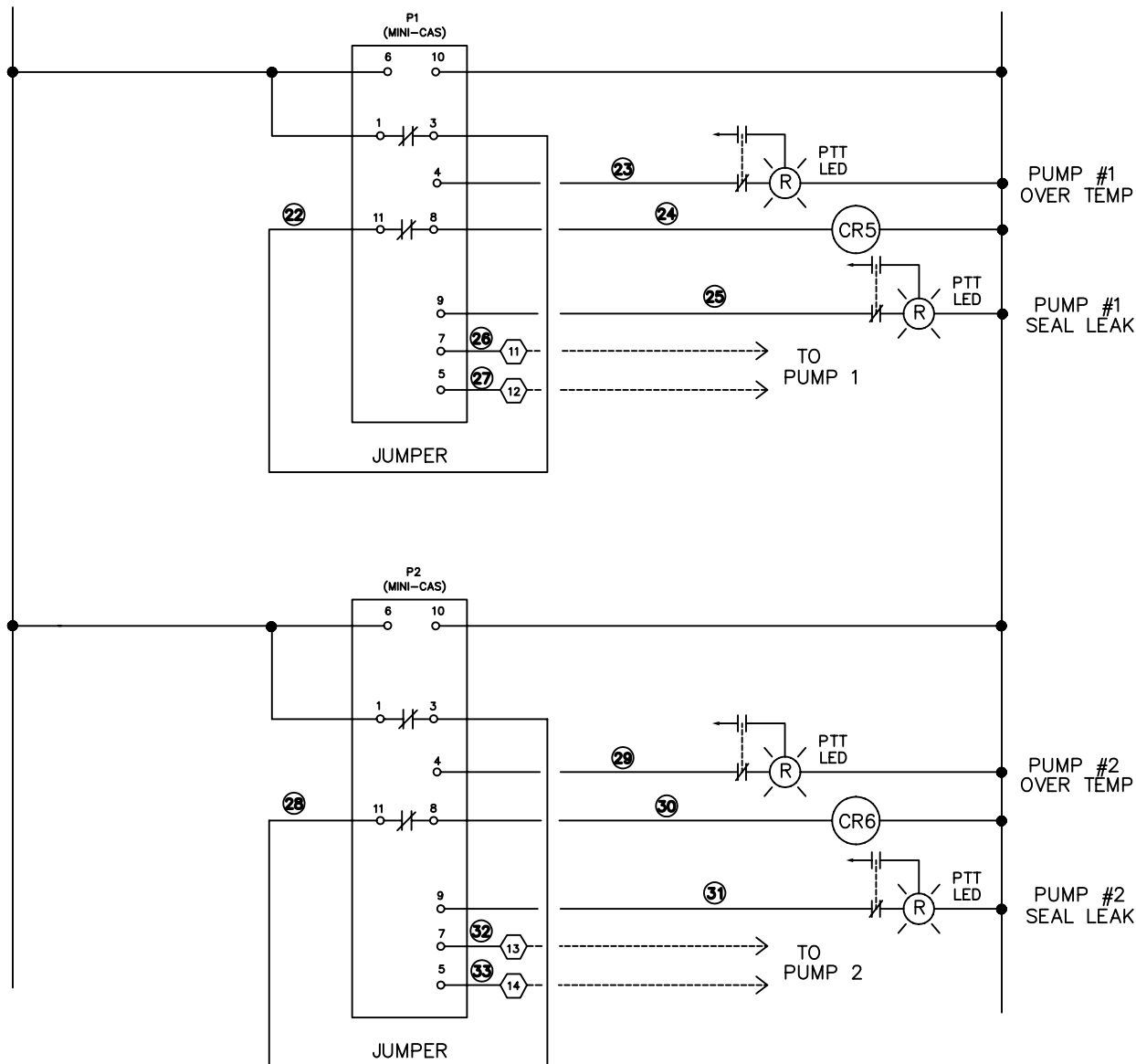


	Drawing Title								
	POWER DIAGRAM								
DATE 3/31/06		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE	BY	APPROVED
	Project Title	<div>COX</div> <div>Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER			
	DUPLEX PUMP CONTROL PANEL				Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-2278			
						SHEET NUMBER 2			



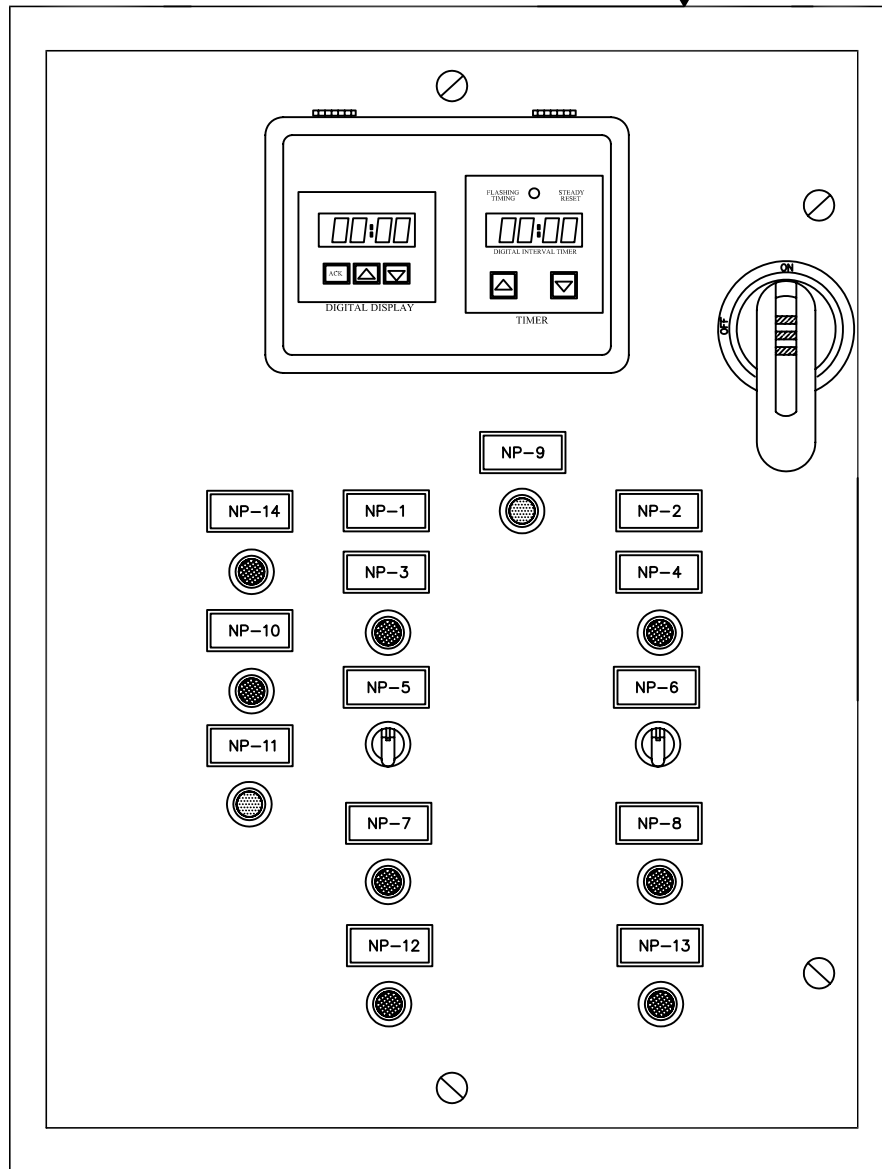
* REMOVE JUMPER AND INSTALL LOCKOUT DEVICES IF REQUIRED

	Drawing Title CONTROL DIAGRAM								
DATE 3/31/06			REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE
	S/N	Sales Engineer C.C.	Application Engineer R.C.		DRAWN BY C. RACHAL		APPROVED BY DATE		
	Project Title DUPLIX PUMP CONTROL PANEL		<div>COX</div> <div>Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030		PURCHASE ORDER NUMBER	
DRAWING NUMBER CP-2278									
SHEET NUMBER									
3									



Drawing Title									
CONTROL DIAGRAM									
DATE		REFERENCE DRAWING		NO.		REVISION-LOCATION		ECN	
3/31/06		S/N		Sales Engineer		Application Engineer		DRAWN	
		C.C.		R.C.		BY C. RACHAL		APPROVED	
Project Title								PURCHASE ORDER NUMBER	
DUPLIX PUMP CONTROL PANEL								DRAWING NUMBER	
								CP-2278	
								SHEET NUMBER	
								4	

NEMA 4X STAINLESS STEEL



VIEW OF FRONT DOOR

NOTE:
SEWER GASSES WILL DESTROY COMPONENTS IN PANEL.
PROPER SEALS MUST BE INSTALLED EXTERNAL TO THE
PANEL TO PREVENT ENTRY OF GASSES.

NAMEPLATE SCHEDULE

NP-1	PUMP 1
NP-2	PUMP 2
NP-3	RUN
NP-4	RUN
NP-5	HOA
NP-6	HOA
NP-7	SEAL FAIL
NP-8	SEAL FAIL
NP-9	TIMER RESET
NP-10	LOW LEVEL
NP-11	LOW LEVEL/RESET
NP-12	HIGH TEMP
NP-13	HIGH TEMP
NP-14	HIGH LEVEL

Drawing Title							
ENCLOSURE							
DATE	3/31/06	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					PURCHASE ORDER NUMBER		
DUPLEX PUMP CONTROL PANEL		COX Research and Technology, Inc.			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030		
					DRAWING NUMBER CP-2278		
					SHEET NUMBER 5		

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	SAGINAW	SCE-24EL2008SSLPPLWKB	ENCLOSURE
1a	1	SAGINAW	SCE-24P20	BACKPLATE
2	1	ABB	OT63E3	MAIN DISC. SWITCH
3	2	ABB	A16-30-10-84	MOTOR STARTER
4	2	ABB	TA25DU6.5	O.L. RELAY (4.5-6.5A)
5	2	ABB	T1N015TL	CB1, CB2
6	1	MAGNECRAFT	W388AMLCPX-9	CR1
7	6	ALLEN BRADLEY	800H-QRT10R	RED PILOT LIGHT PTT
8	2	ALLEN BRADLEY	800H-JR2A	HOA SWITCH
9	1	ABB	T4150PSF1	TRANSFORMER
10	1	MOORE	330R	DIGITAL DISPLAY
11	2	FLYGT	14-407129	PUMP FAIL RELAY
12	1	MARATHON	1323580	DISTRIBUTION BLOCK
13	5	IDEC	RY2SUAC-120	CR2-6
14	1	SSAC	PLMU11	PHASE MONITOR
15	1	ABB	OXF5X265	SHAFT
16	1	ABB	OH65J5	HANDLE
17	2	ALLEN BRADLEY	800H-QRT10G	GREEN PILOT LIGHT PTT
18	2	ALLEN BRADLEY	800H-AR2A	PUSH BUTTON
19	1	ARTISAN	4972	DIGITAL COUNTER
20				
21				
22				
23				
24				

	Drawing Title						
	<h2 style="margin: 0;">BILL OF MATERIALS</h2>						
DATE 3/31/06		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY
	Project Title	<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 100px;"> <h3 style="margin: 0;">COX</h3> <p style="margin: 0; font-size: small;">Research and Technology, Inc.</p> </div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030		<div style="border: 1px solid black; padding: 2px; margin: 0;">PURCHASE ORDER NUMBER</div> <div style="border: 1px solid black; padding: 2px; margin: 0;">DRAWING NUMBER CP-2278</div> <div style="border: 1px solid black; padding: 2px; margin: 0;">SHEET NUMBER 6</div>