
COX

Research and Technology, Inc.

DUPLEX PUMP
CONTROL PANEL
AUTUMN CREEK

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

CP-2139

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	2	
HP	7 1/2	
FLA	39.0	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	BARNES	
CATALOG NUMBER	4SE7524L	

CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	NEMA 4X	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	Fiberglass	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	Floats	(Floats, Bubbler, Other)
CAPACITORS	YES	(Yes, No)
CAPACITOR WIRING FIGURE	N/A	
THERM. & SEAL FAIL WIRING FIGURE		

OPTIONS:

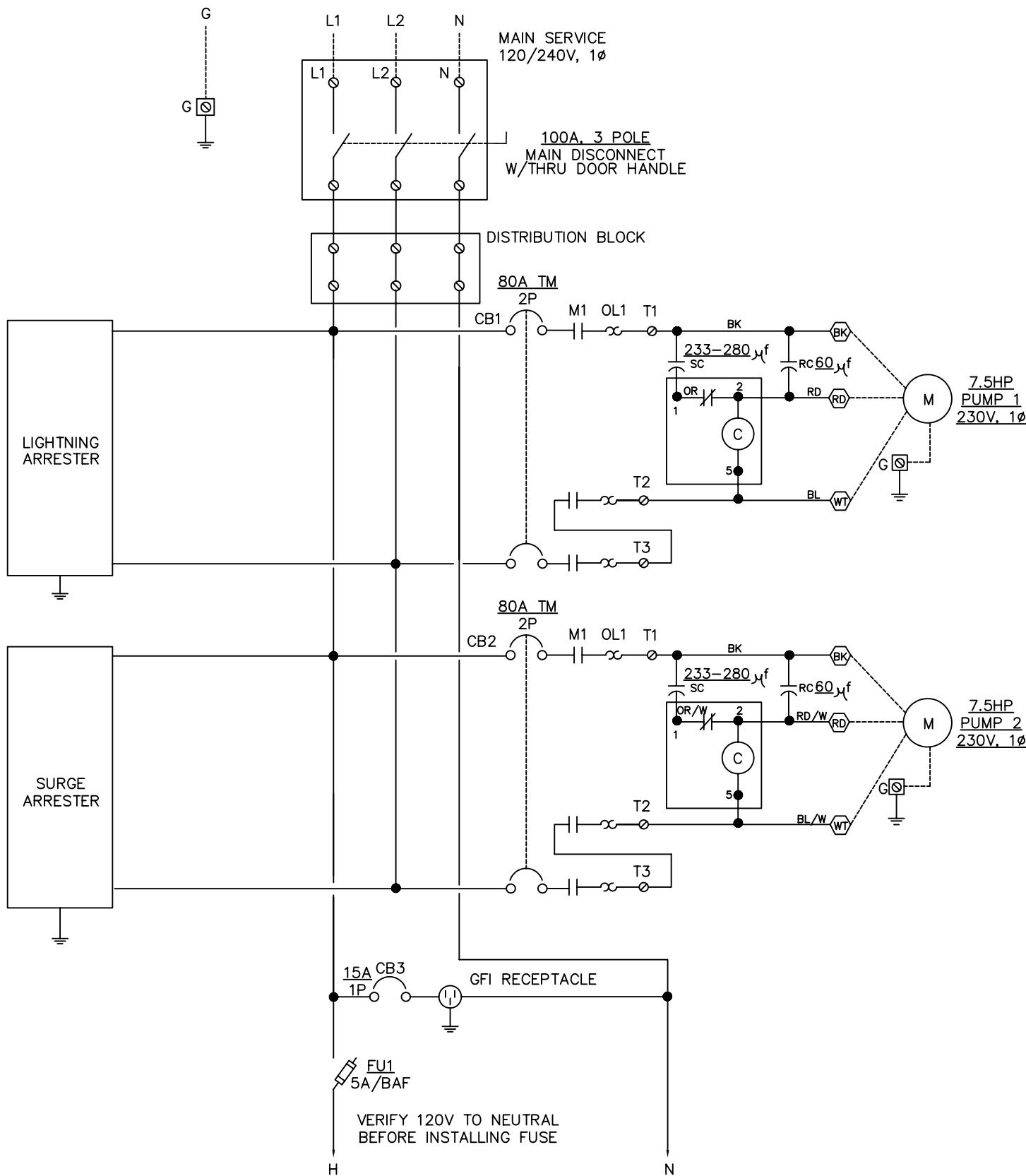
SEAL FAIL LIGHTS		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN		(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT	X	
LIGHT PANEL MTD	X	
LIGHT REMOTE MTD		
LIGHT FLASHER	X	
LIGHTNING ARRESTER	X	
ELAPSED TIME METER	X	
PHASE MONITOR		
NEMA RATED STARTERS		
GROUND FAULT RECPT.	X	
GREEN RUN LIGHTS VS. RED		
POLE, BOX, SEAL		
INTRINSICALLY SAFE RELAYS		
HIGH TEMP. LOCKOUT, MANUAL RESET		
ECONOMY VERSION		

SOLD TO: Delta Process - New Orleans, LA

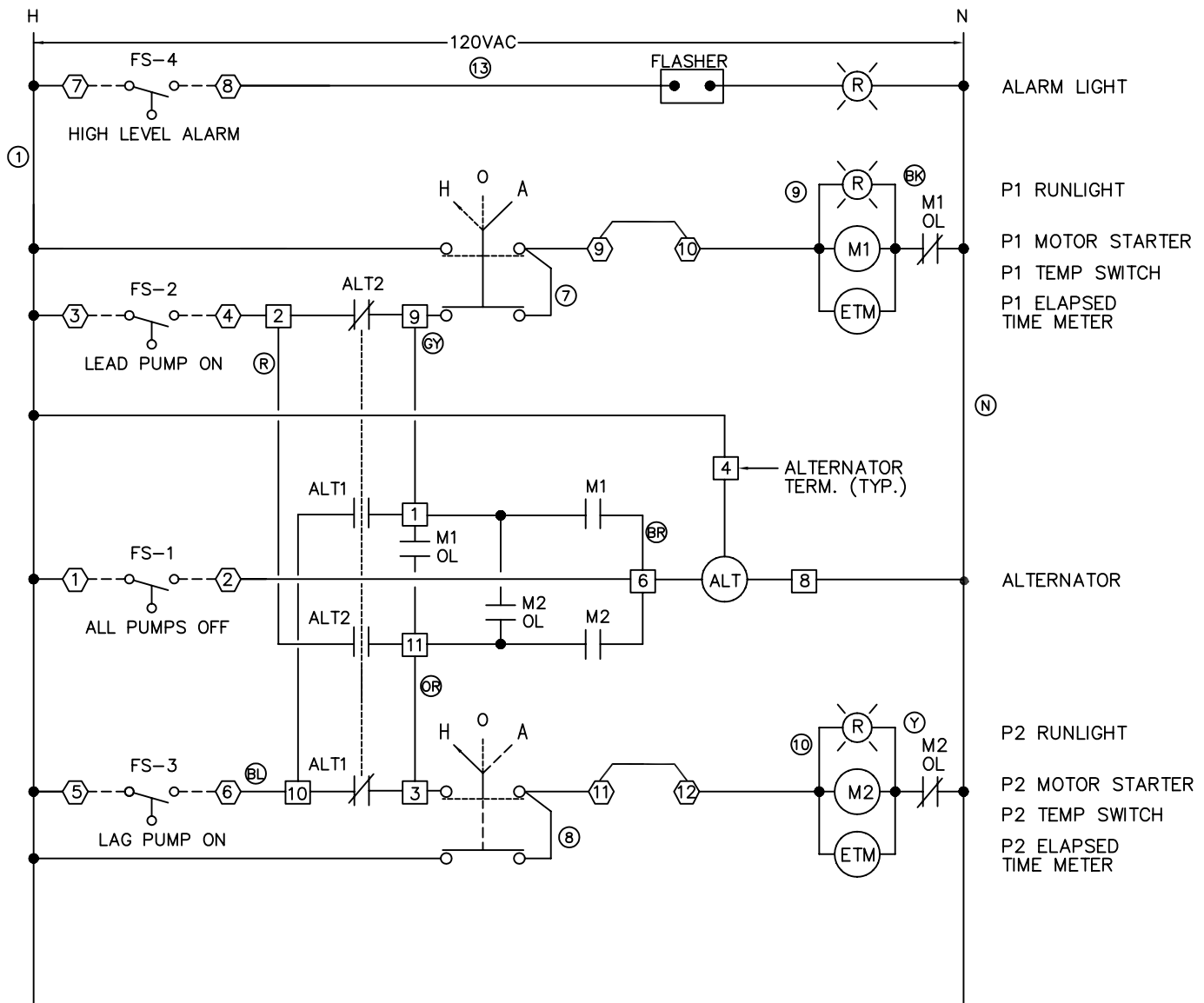
TAG : AUTUMN CREEK

SHIP TO: Delta Process - Denham Springs, LA

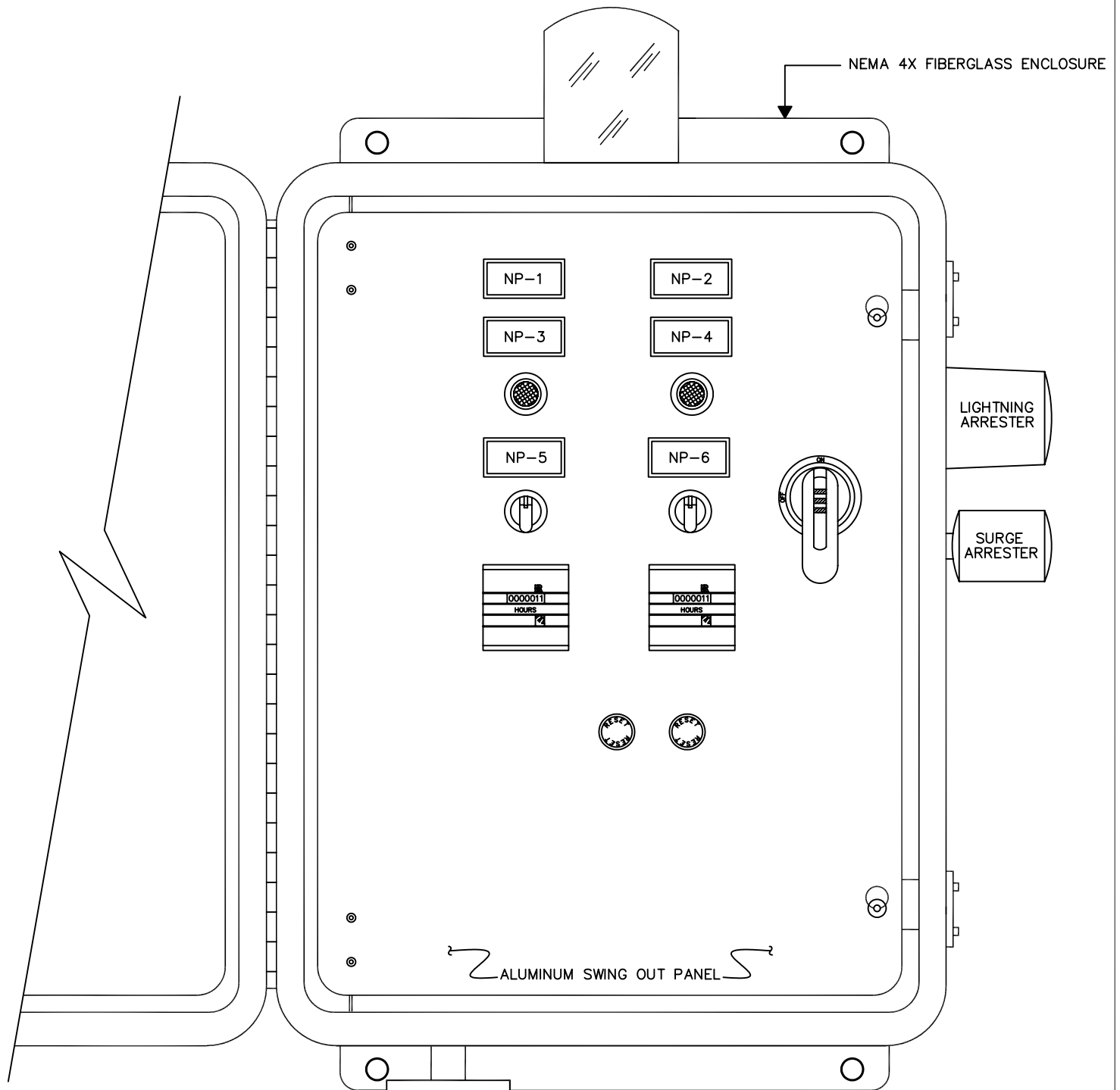
	Drawing Title							
	PANEL DESCRIPTION							
DATE 9/27/05			REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE
	Project Title	<div style="text-align: center;"> COX Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER	
	DUPLIX PUMP CONTROL PANEL				Ph. (225)756-3271 Fax (225)755-1030		DRAWING NUMBER CP-2139	
					SHEET NUMBER 1			



	Drawing Title								
	POWER DIAGRAM								
DATE 9/27/05		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE	BY	
	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-2139			
						SHEET NUMBER 2			



	Drawing Title
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VIEW OF SWING OUT PANEL

NAMEPLATE SCHEDULE

NP-1	PUMP 1
NP-2	PUMP 2
NP-3	RUN
NP-4	RUN
NP-5	HOA
NP-6	HOA

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

Drawing Title							
ENCLOSURE							
DATE	9/27/05	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
Project Title		S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED
DUPLEX PUMP CONTROL PANEL			C.C.	R.C.	BY C. RACHAL		BY DATE
		COX		P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER	
		Research and Technology, Inc.		Ph. (225)756-3271 Fax (225)755-1030		DRAWING NUMBER CP-2139	
						SHEET NUMBER 4	

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	ALLIED	AM24200RLDF	ENCLOSURE
1a	1	ALLIED	BP2420AL	BACKPLATE
2	1	ABB	OT100E3	MAIN DISC. SWITCH
3	2	TELEMECHANIQUE	LC1D50	MOTOR STARTER
4	2	TELEMECHANIQUE	LDR3357	O.L. (37-50A)
5	2	SQUARE D	QOU280	CB1, CB2
6	1	SQUARE D	QOU115	CB3
7	1	TIMEMARK	261DT120	ALTERNATING RELAY
8	2	ACI	JR22FR	RED PILOT LIGHT
9	2	ACI	JR22P3M20B	HOA SWITCH
10	1	AC/DC	BL5-R-120	ALARM LIGHT
11	1	MARATHON	1323580	DISTRIBUTION BLOCK
12	2	REDINGTON	711-0190	ELAPSED TIME METER
13	1	DELTA	LA302R	LIGHTNING ARRESTER
14	1	STOCK		GFI
15	1	MARATHON	1321570	NEUTRAL BLOCK
16	1	SSAC	FS126RC	FLASHER
17	2	ABB	KPR3-104B	O.L. RESET P.B.
18	1	ABB	OXF5X265	SHAFT
19	1	ABB	OHB65J5	HANDLE
20	1	DELTA	CA302	SURGE CAPACITOR
21	2	GE	6X555	START RELAY
22	2	CGE	4CU57	START CAPACITOR
23	2	GE	3GA14	RUN CAPACITOR
24				
25				

	Drawing Title						
	<h3 style="margin: 0;">BILL OF MATERIALS</h3>						
DATE 9/27/05		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE
	Project Title	<div style="border-top: 3px double black; border-bottom: 3px double black; padding: 5px;"> <h2 style="margin: 0;">COX</h2> <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 CP-2139 SHEET NUMBER <div style="text-align: right;">5</div>
	DUPLEX PUMP CONTROL PANEL						