
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		

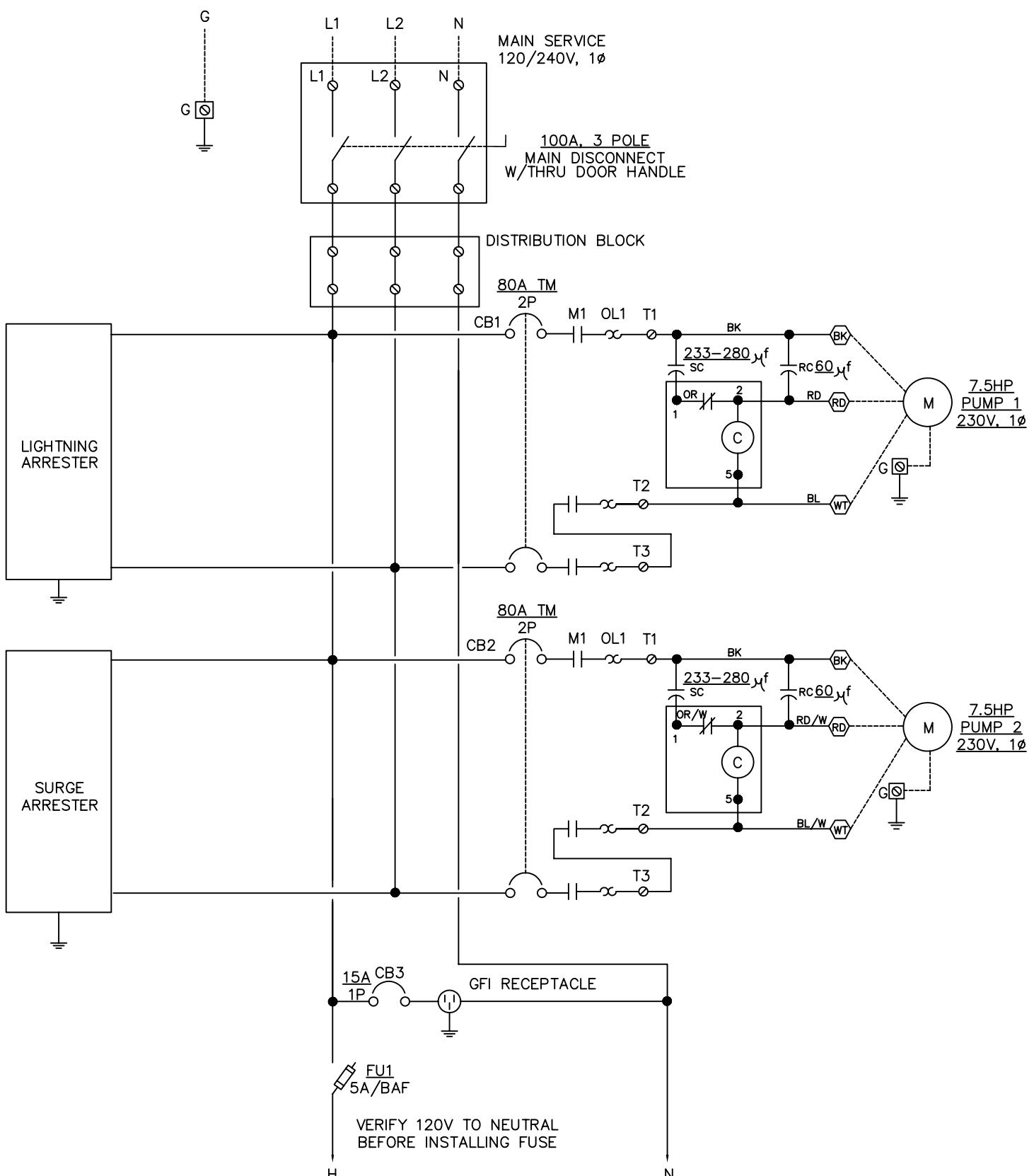
OPTIONS:

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

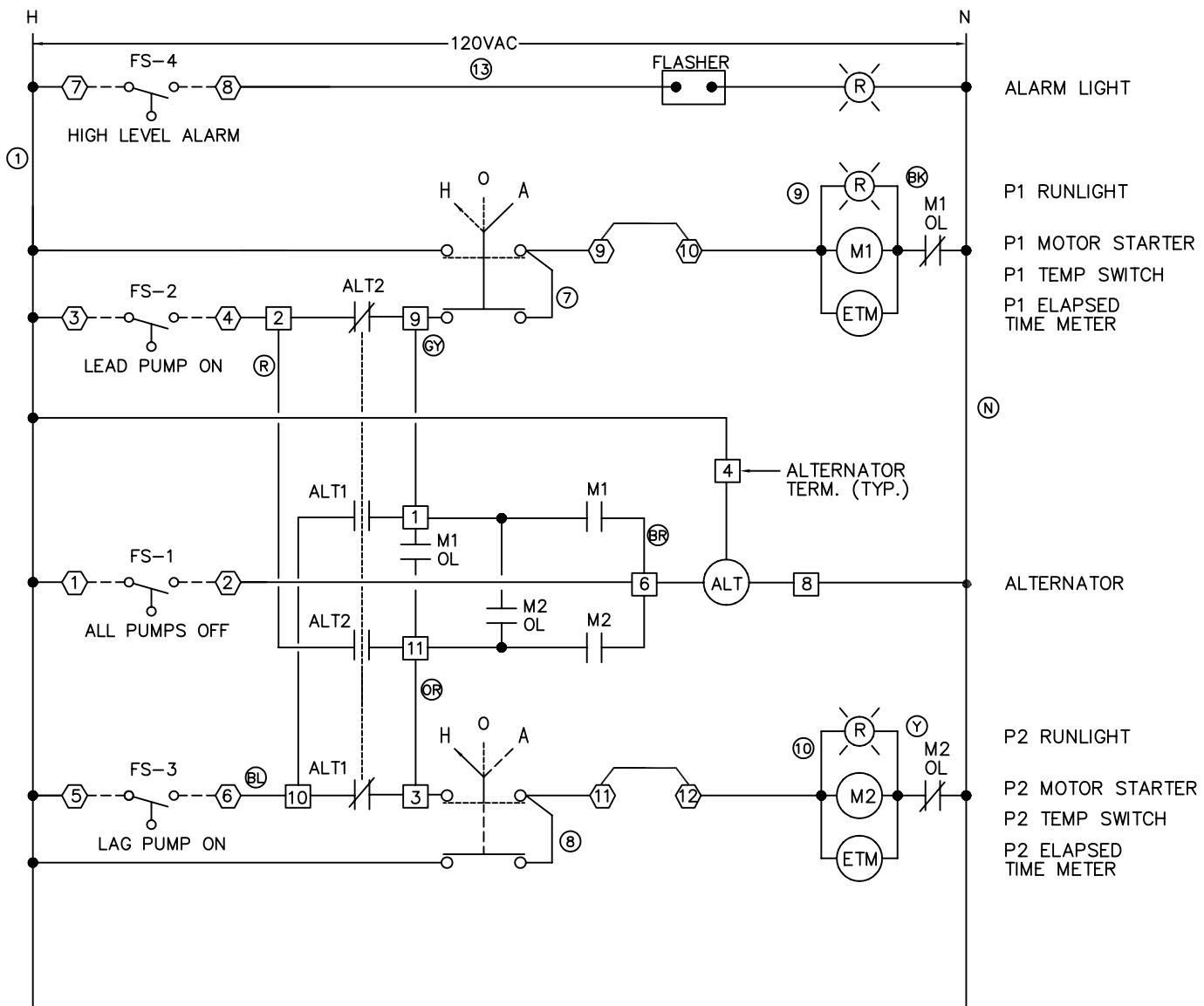
SOLD TO: Delta Process - New Orleans, LA
TAG : AUTUMN CREEK

SHIP TO: Delta Process - Denham Springs, LA

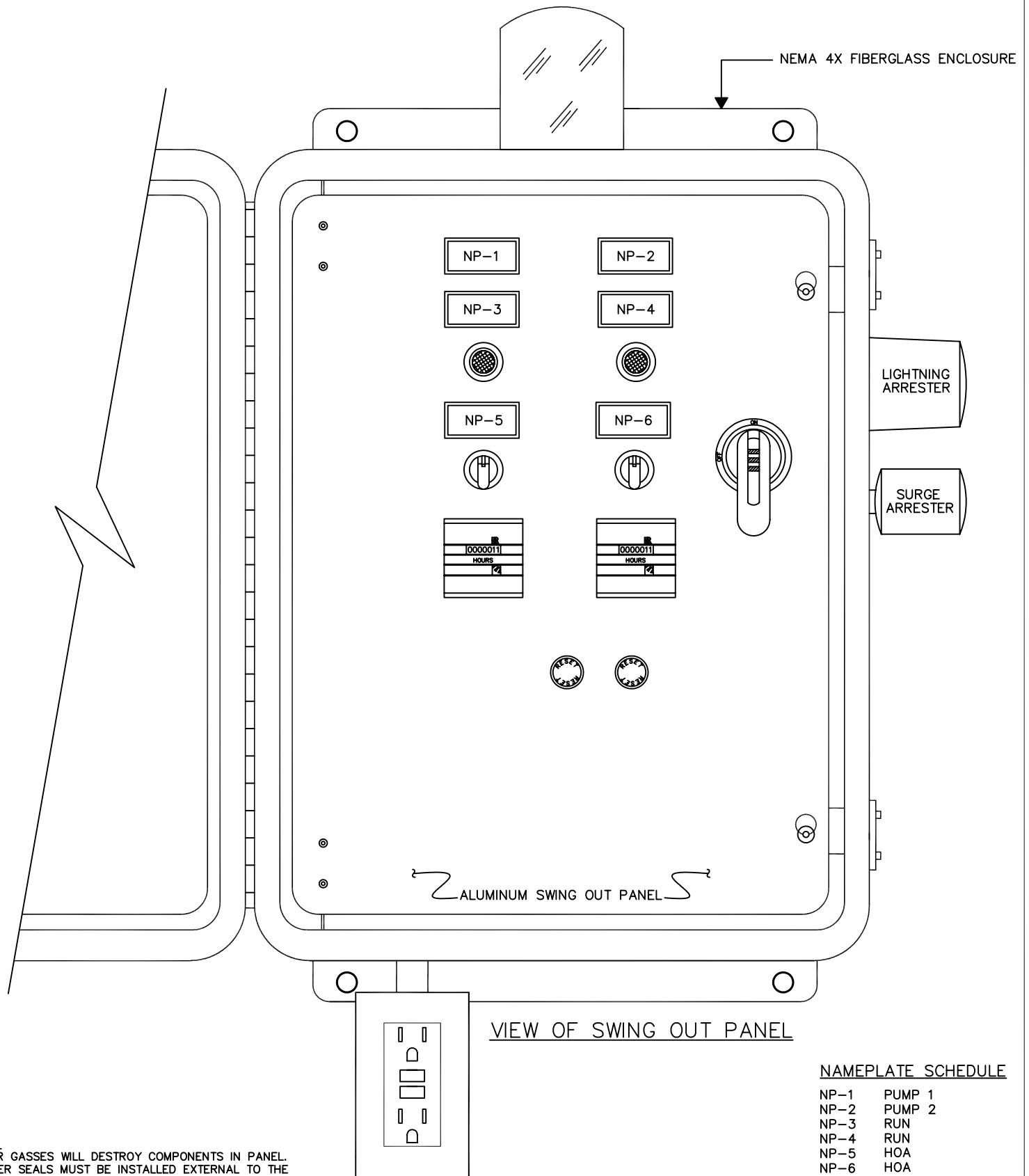
	Drawing Title PANEL DESCRIPTION								
DATE 9/27/05		REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL		APPROVED BY DATE		
	Project Title		<hr/> <hr/> COX <hr/> <hr/> Research and Technology, Inc.		P.O. Box 77808 Baton Rouge,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



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



	Drawing Title CONTROL DIAGRAM								
		REFERENCE DRAWING	NO.	REVISION-LOCATION		ECN	DATE	BY	
DATE 9/27/05		S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED			
		C.C.		R.C.	BY C. RACHAL	BY	DATE		
Project Title DUPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.				P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER			
					DRAWING NUMBER CP-2139				
					SHEET NUMBER 3				



	Drawing Title ENCLOSURE								
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY C. RACHAL	DATE APPROVED BY	BY	DATE	BY
DATE 9/27/05	Project Title DUPLEX PUMP CONTROL PANEL	<hr/> COX <hr/> Research and Technology, Inc. <hr/>				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 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	LRD3357	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 BILL OF MATERIALS								
DATE 9/27/05	REFERENCE DRAWING S/N		NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.		ECN DRAWN BY C. RACHAL	DATE APPROVED BY	BY
Project Title DUPLEX PUMP CONTROL PANEL							PURCHASE ORDER NUMBER	
							DRAWING NUMBER	
							SHEET NUMBER	
						CP-2139		
						5		