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# COX

Research and Technology, Inc.

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## DUPLEX PUMP CONTROL PANEL GRAND MAISON

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

CP-2137

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	2	
HP	3	
FLA	19	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	BARNES	
CATALOG NUMBER	3SE3034L	

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	NO	(Yes, No)
CAPACITOR WIRING FIGURE	N/A	
THERM. & SEAL FAIL WIRING FIGURE		

OPTIONS:

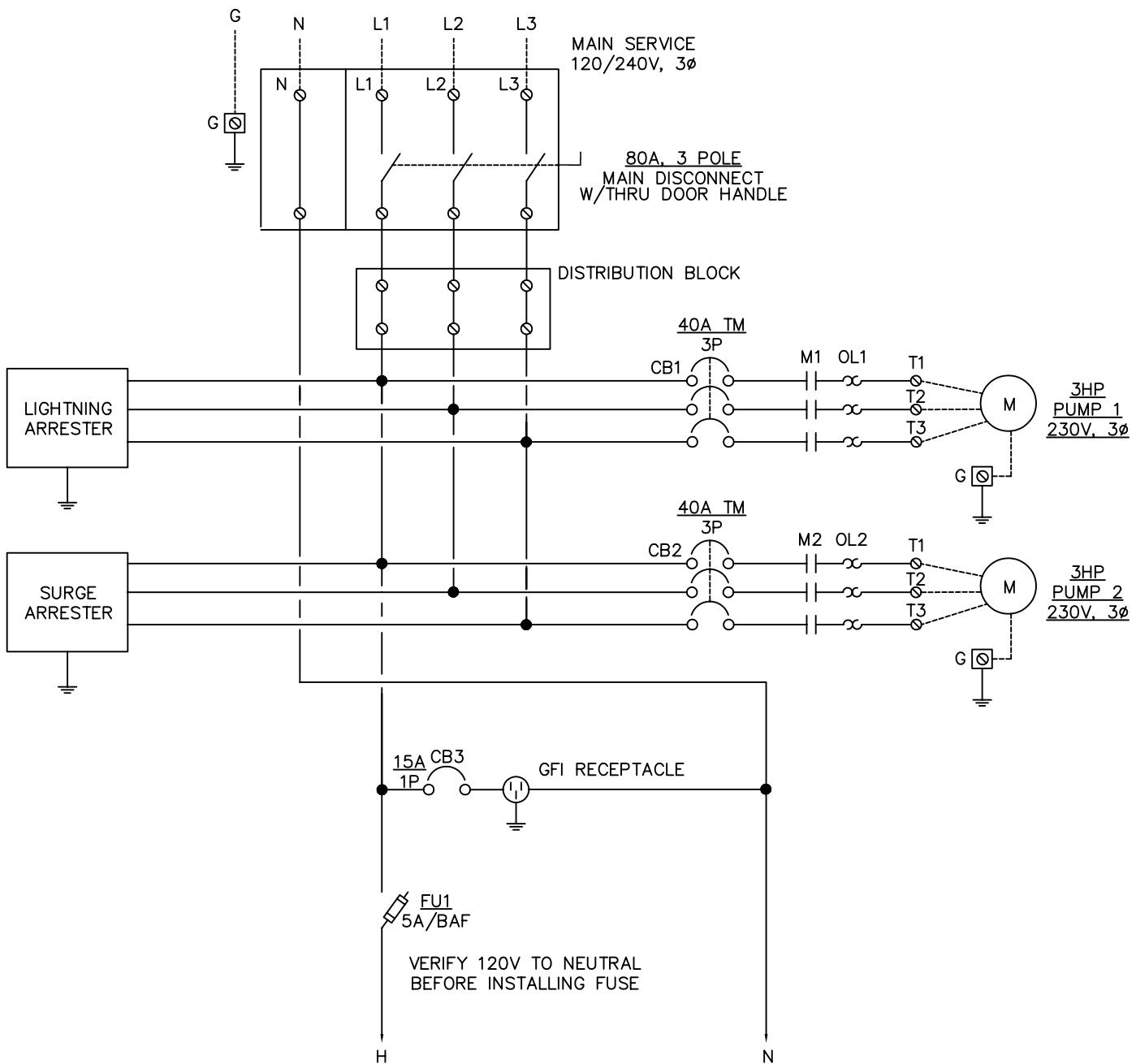
SEAL FAIL LIGHTS		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN		(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT	X	
LIGHT PANEL MTD	X	
LIGHT REMOTE MTD		
LIGHT FLASHER	X	
LIGHTNING ARRESTER	X	
ELAPSED TIME METER	X	
PHASE MONITOR		
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 :** Grand Maison

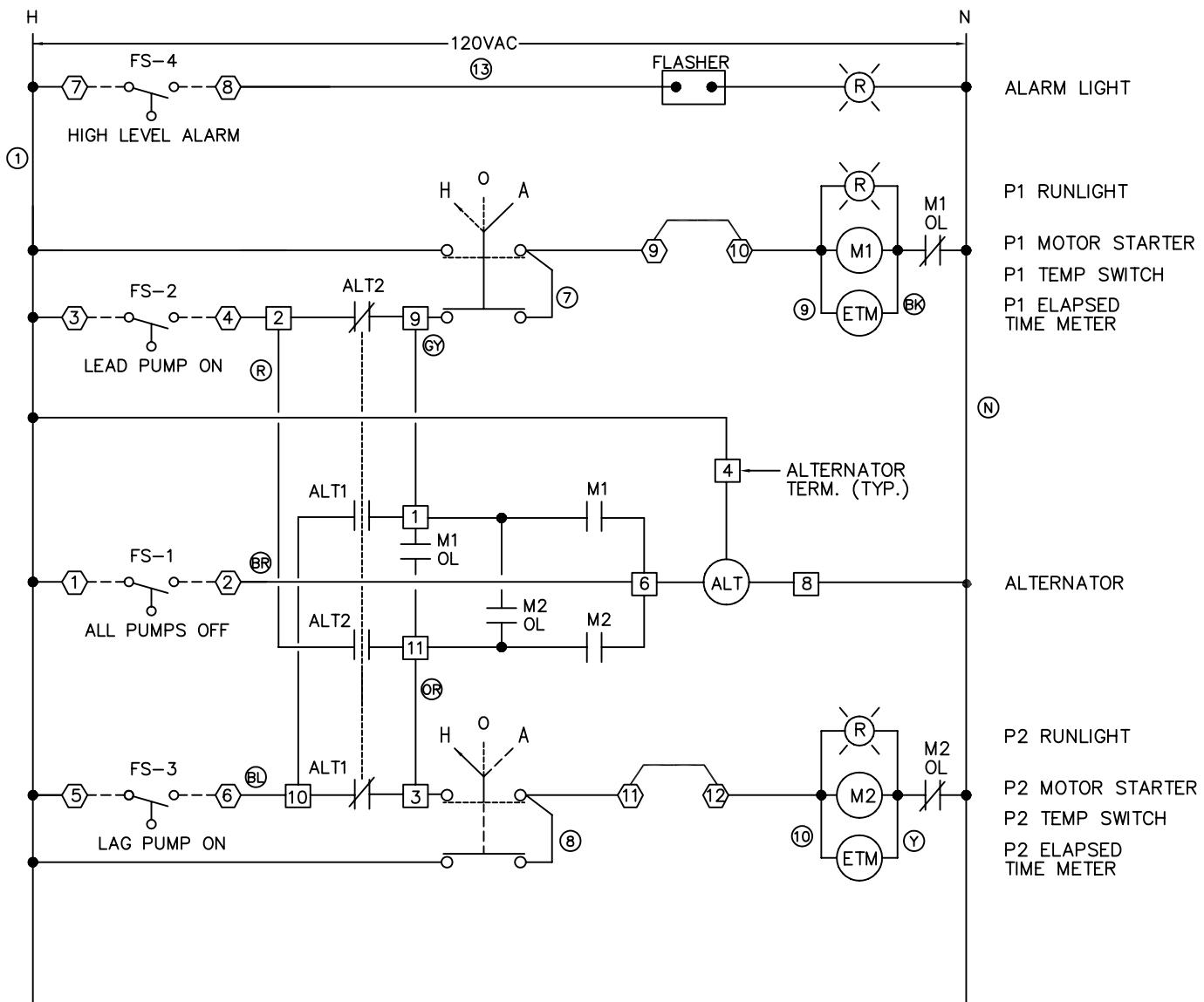
SHIP TO: Delta Process - Denham Springs, LA

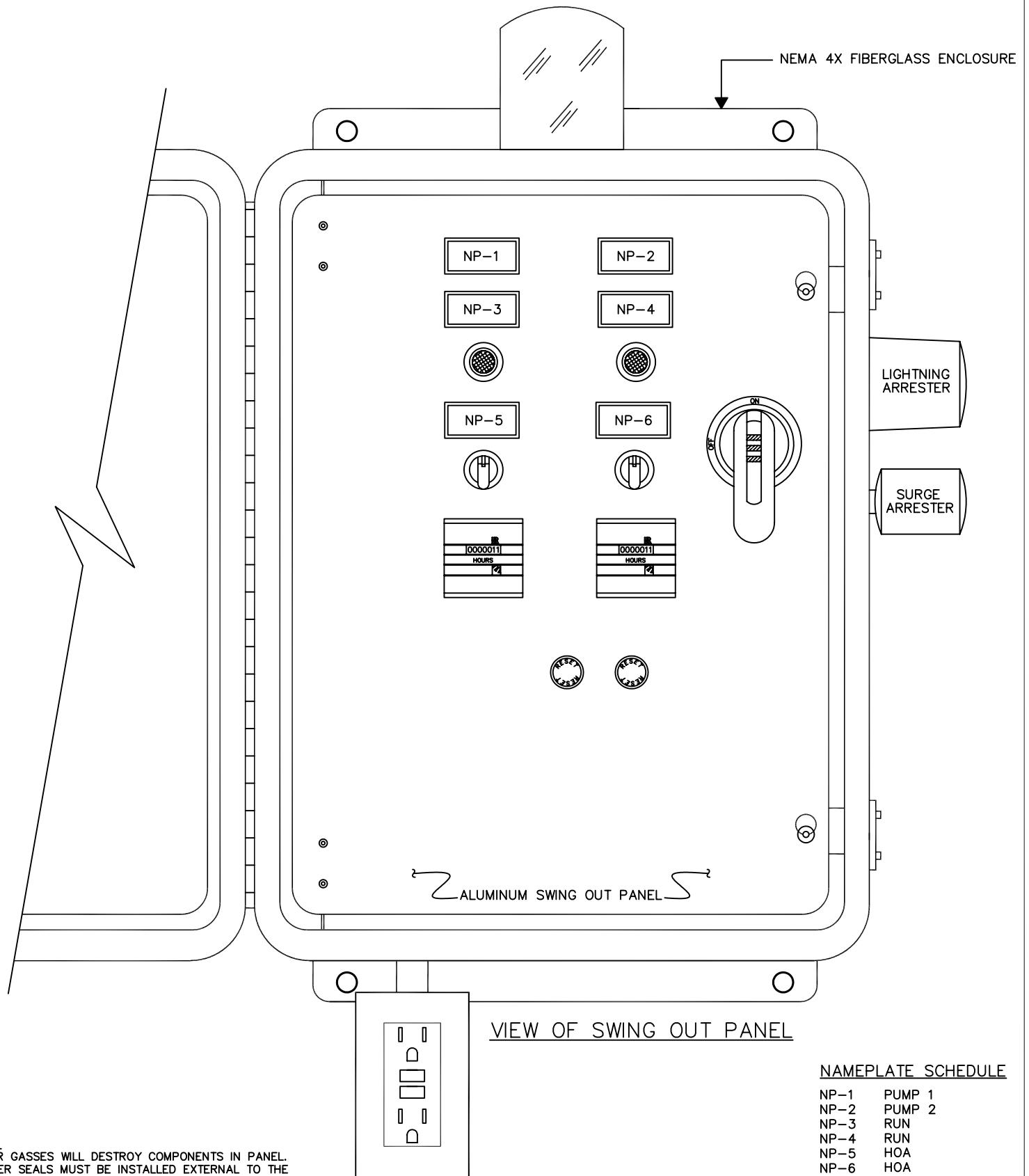
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	Drawing Title  <b>PANEL DESCRIPTION</b>  DATE 9/27/05						
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN APPROVED BY	DATE DATE
	Project Title  <b>DUPLEX PUMP CONTROL PANEL</b>	<b>COX</b> Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER	
				Ph. (225)756-3271 Fax (225)755-1030		DRAWING NUMBER CP-2137	
						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 DATE
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-2137 SHEET NUMBER 2	





	Drawing Title					
	ENCLOSURE					
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	<hr/> <b>COX</b> <hr/> Research and Technology, Inc. <hr/>			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-2137	
					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	OT63E3	MAIN DISC. SWITCH
3	2	TELEMECHANIQUE	LC1D25	MOTOR STARTER
4	2	TELEMECHANIQUE	LRD22	O.L. (16-24A)
5	2	SQUARE D	QOU340	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	LA603	LIGHTNING ARRESTER
14	1	STOCK		GFI
15	1	MARATHON	1321570	NEUTRAL BLOCK
16	1	SSAC	FS126RC	FLASHER
17	1	ABB	OXP5X265	SHAFT
18	1	ABB	OHB65J5	HANDLE
19	1	DELTA	CA603R	SURGE CAPACITOR
20	2	ABB	KPR3-104B	O.L. PUSH BUTTONS
21				
22				
23				
24				
25				

	Drawing Title  BILL OF MATERIALS							
DATE 9/27/05	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	COX				P.O. Box 77808 Baton Rouge, LA 70809  Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER		
	Research and Technology, Inc.					DRAWING NUMBER CP-2137		
						SHEET NUMBER		
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