
COX

Research and Technology, Inc.

DUPLEX PUMP
CONTROL PANEL
AMARIS ISLE PLANTATION
GRAND ISLE, LOUISIANA
LIFT STATION #2

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

CP-2049

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	2	
HP	2.7	
FLA	11.9	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	Gorman Rupp	
CATALOG NUMBER	JSV3C60-E2.7	

CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	NEMA 3R	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	Stainless Steel	(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	X	(Submersible Only)
HT PUMP SHUTDOWN	X	(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	X Motor Saver 1Ø	
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		

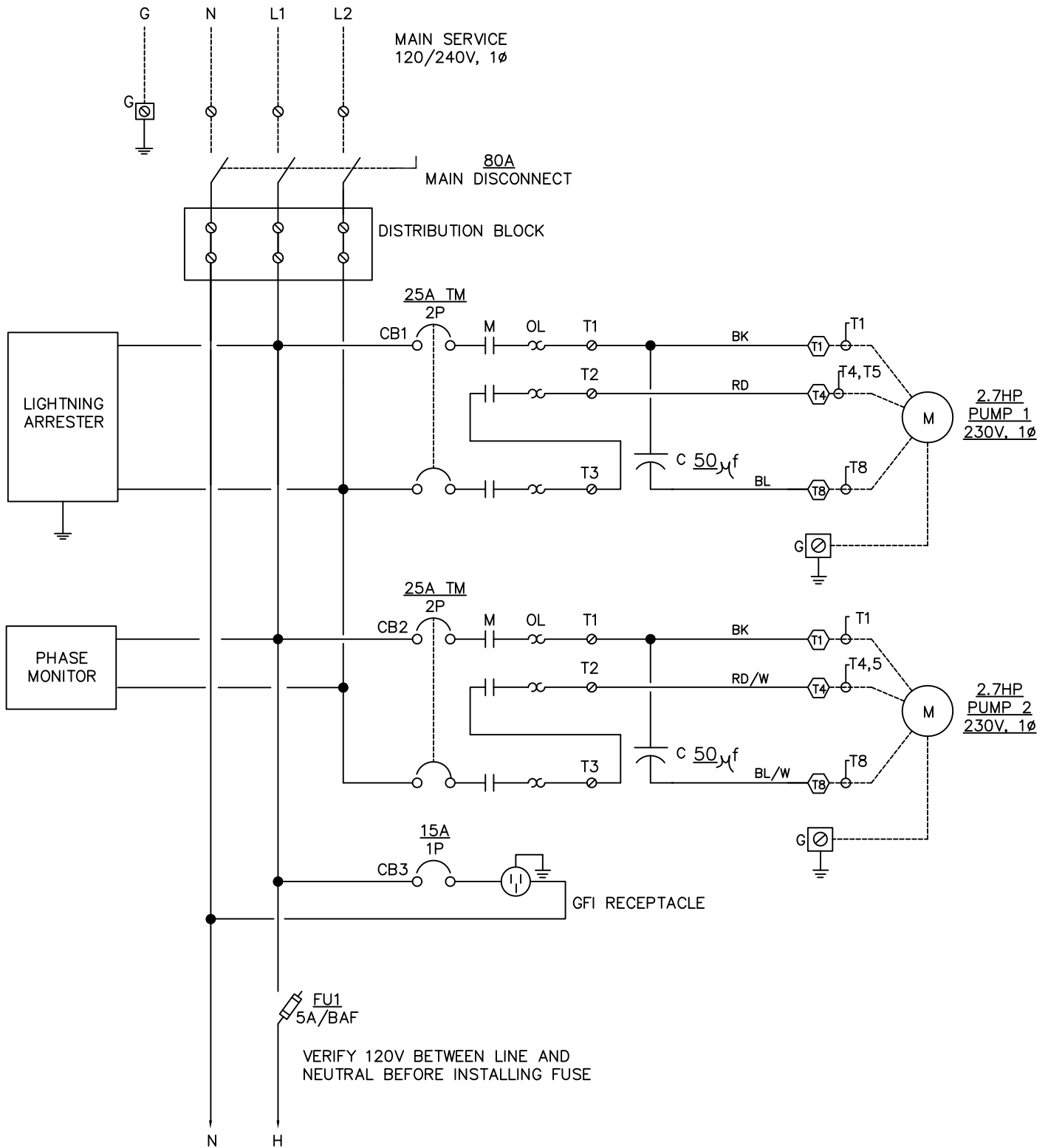
SOLD TO: Delta Process - New Orleans, LA

TAG : AMARIS ISLE PLANTATION

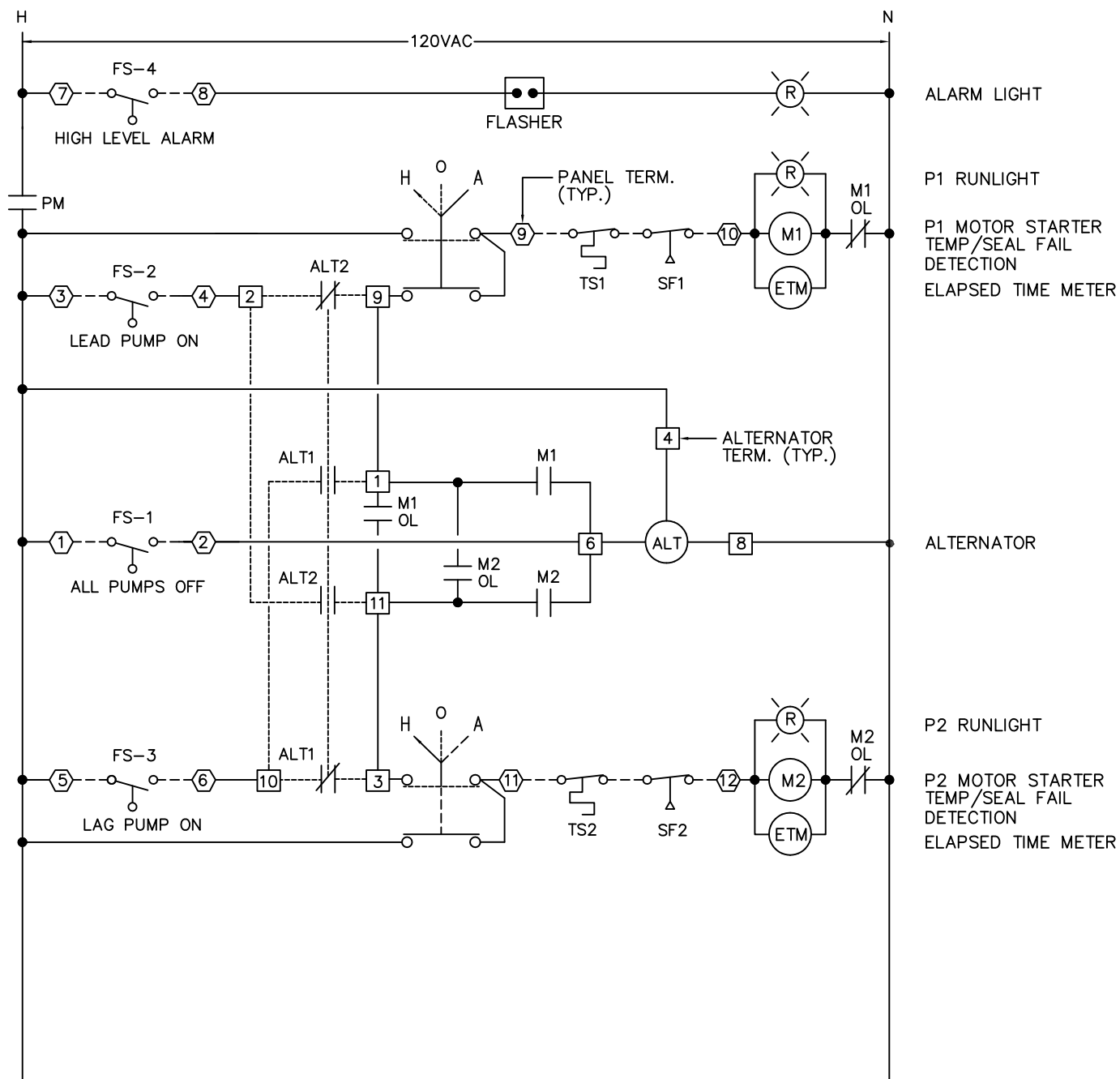
GRAND ISLE, LA LIFT STATION #2

SHIP TO: Delta Process - Denham Springs, LA

	Drawing Title						
	PANEL DESCRIPTION						
DATE 5/02/05		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE
	Project Title	COX Research and Technology, Inc.			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER	
	DUPLEX PUMP CONTROL PANEL					DRAWING NUMBER CP-2049	
						SHEET NUMBER 1	



Drawing Title									
POWER DIAGRAM									
DATE 5/02/05		REFERENCE DRAWING		NO.		REVISION-LOCATION		ECN	
Project Title		S/N		Sales Engineer C.C.		Application Engineer R.C.		DRAWN BY C. RACHAL	
DUPLEX PUMP CONTROL PANEL								APPROVED BY	
								DATE	
								PURCHASE ORDER NUMBER	
								DRAWING NUMBER CP-2049	
								SHEET NUMBER	
								2	



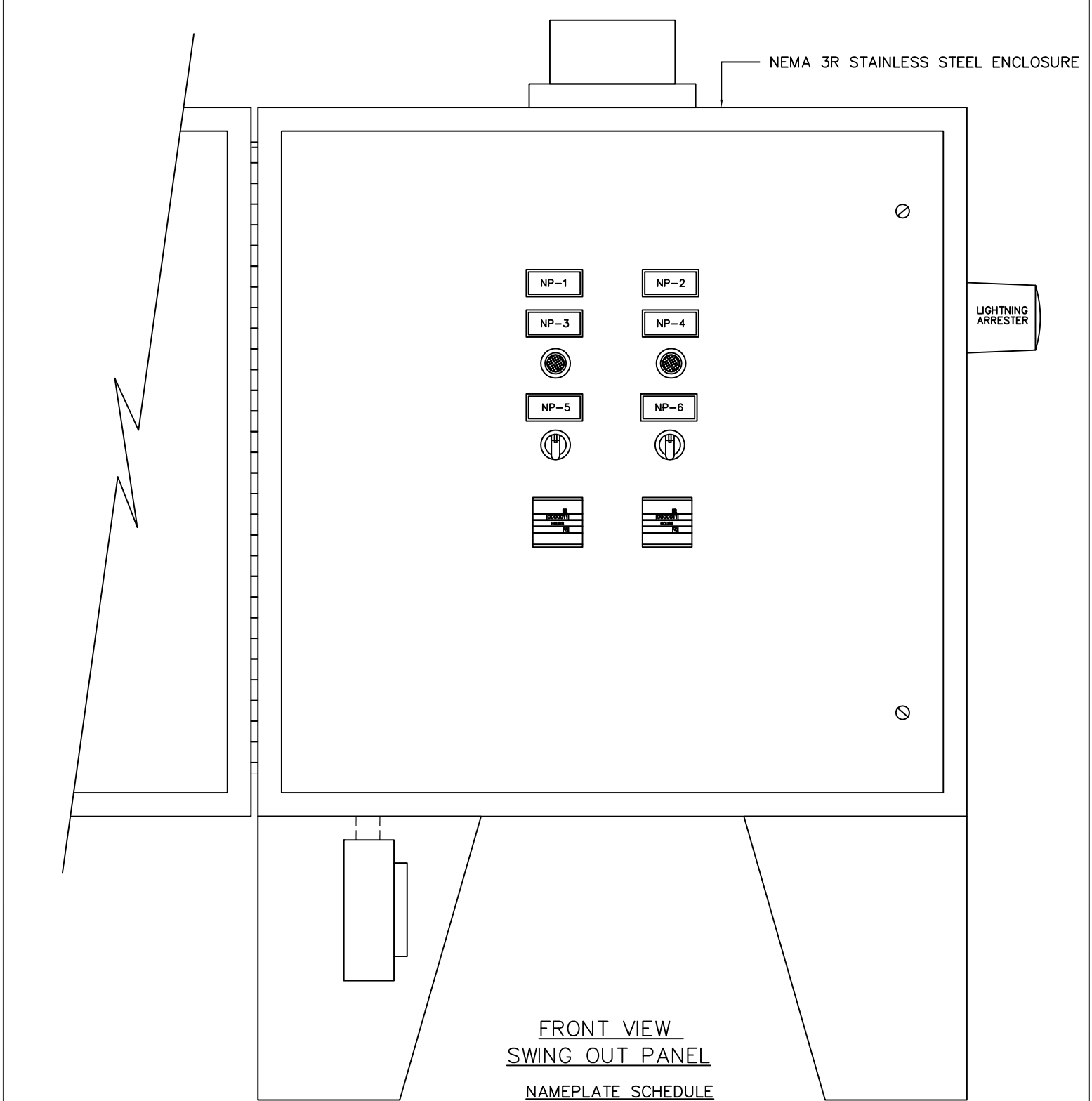
	Drawing Title								
	CONTROL DIAGRAM								
DATE	5/02/05	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY		
		S/N	Sales Engineer C.C.	Application Engineer R.C.	BY C. RACHAL	APPROVED			
	Project Title							PURCHASE ORDER NUMBER	
	DUPLEX PUMP CONTROL PANEL							DRAWING NUMBER CP-2049	
								SHEET NUMBER	3

COX

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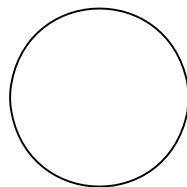


NOTE:
SEWER GASSES WILL DESTROY COMPONENTS IN PANEL.
PROPER SEALS MUST BE INSTALLED EXTERNAL TO THE
PANEL TO PREVENT ENTRY OF GASSES.

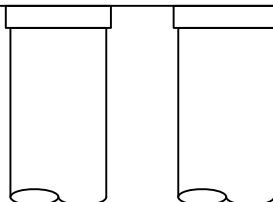
NP-1 PUMP 1
NP-2 PUMP 2
NP-3 RUN
NP-4 RUN
NP-5 HOA
NP-6 HOA

Drawing Title							
ENCLOSURE							
DATE 5/02/05		REFERENCE DRAWING		NO.		REVISION-LOCATION	
		S/N		Sales Engineer C.C.		Application Engineer R.C.	
Project Title				DRAWN BY C. RACHAL		APPROVED BY DATE	
DUPLEX PUMP CONTROL PANEL				P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER	
				Ph. (225)756-3271 Fax (225)755-1030		DRAWING NUMBER CP-2049	
						SHEET NUMBER 4	

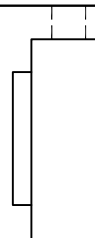
LIGHTNING
ARRESTER



METER PAN



REAR VIEW



	Drawing Title						
	ENCLOSURE						
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
5/02/05		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED BY	DATE
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	DUPLEX PUMP CONTROL PANEL	<div>COX</div> <div>Research and Technology, Inc.</div>			Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER	CP-2049
					SHEET NUMBER	5	

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	S303016REPL/12" LEGS	ENCLOSURE
1a	1	EBE	3030P	BACKPLATE
2	1	ABB	OT63E3	MAIN DISC. SWITCH
3	2	ABB	A16-30-10-84	MOTOR STARTER
4	2	ABB	TA25DU14	O.L. RELAY (10-14A)
5	2	SQUARE D	QOU225	CB1, CB2
6	1	TIMEMARK	261DT120	ALTERNATING RELAY
7	2	ACI	JR22FR	RED PILOT LIGHT
8	2	ACI	JR22P3M20B	HOA SWITCH
9	1	AC/DC	BL5-R-120	ALARM LIGHT
10	1	DELTA	LA302R	LIGHTNING ARRESTER
11	2	REDINGTON	711-0190	ELAPSED TIME METER
12	1	STOCK		GFI RECEPTACLE
13	1	SYMCOM	201-SP	PHASE MONITOR
14	1	SQUARE D	QOU115	CB3
15	1	MARATHON	1323580	DIST. BLOCK
16	1	ETI	2541000	FU1
17				
18				
19				
20				
21				
22				
23				
24				
25				

	Drawing Title						
	<h2 style="margin: 0;">BILL OF MATERIALS</h2>						
DATE 5/02/05		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 0;"> <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 CP-2049 SHEET NUMBER
	DUPLEX PUMP CONTROL PANEL						6