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COX

Research and Technology, Inc.

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DUPLEX PUMP  
CONTROL PANEL  
AMARIS ISLE PLANTATION  
GRAND ISLE, LOUISIANA  
LIFT STATION #1

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

CP-2048-CK


VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	2	
HP	2.7, 5	
FLA	11.9, 28	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	Gorman Rupp	
CATALOG NUMBER	JSV3A60-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		

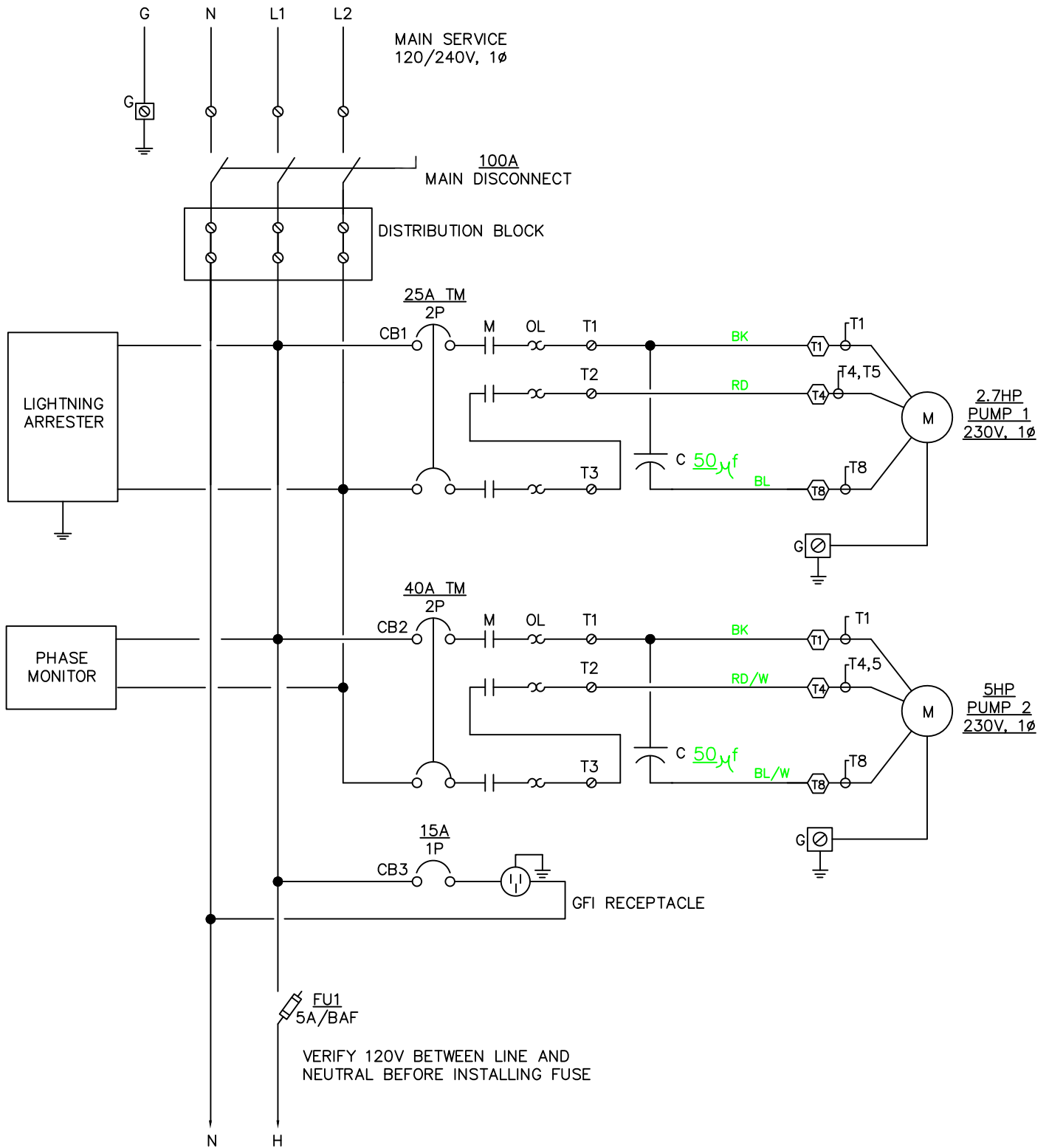
OPTIONS:

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		

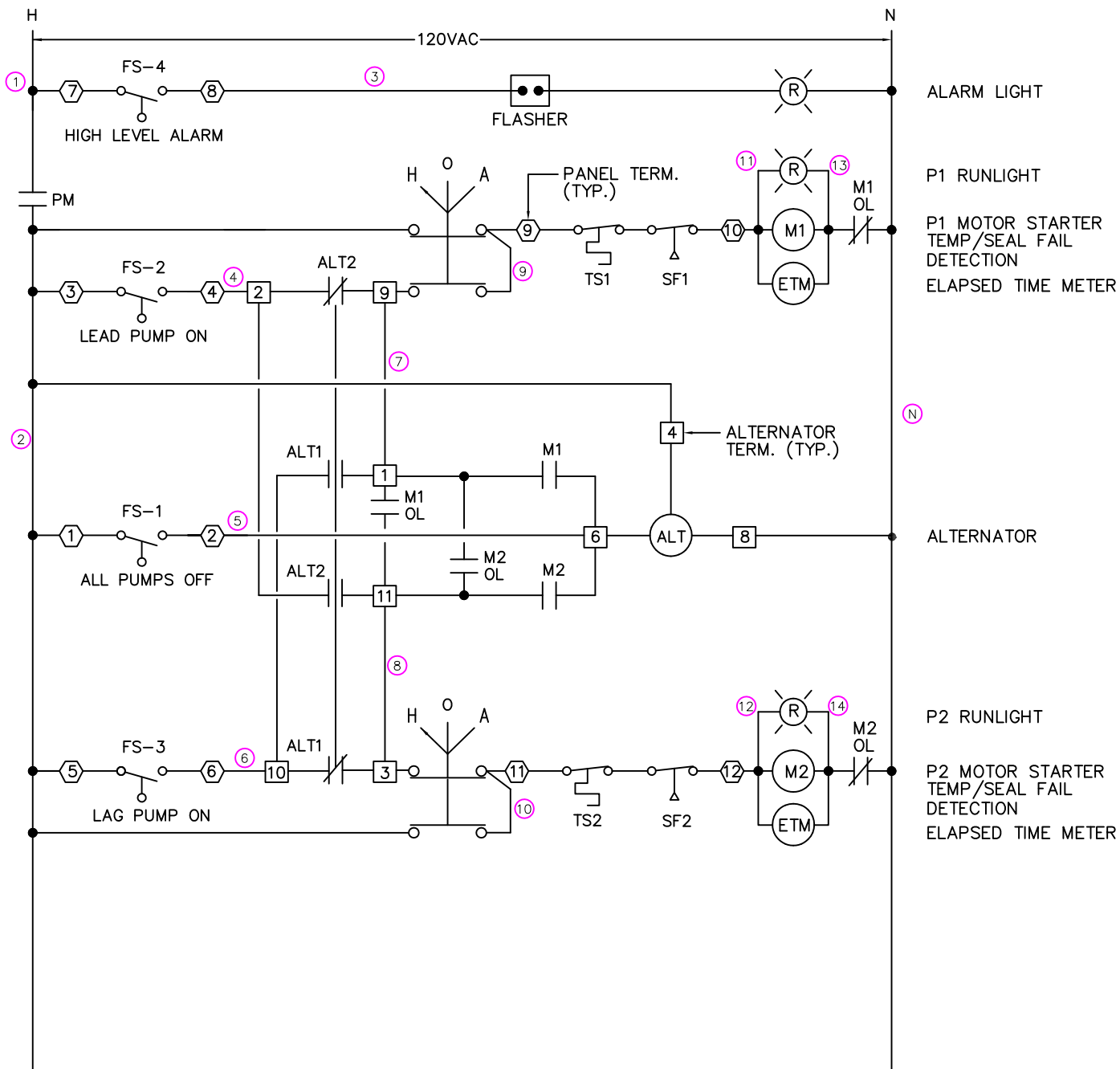
SOLD TO: Delta Process - New Orleans, LA  
TAG : AMARIS ISLE PLANTATION  
GRAND ISLE, LA LIFT STATION #1

SHIP TO: Delta Process - Denham Springs, LA  
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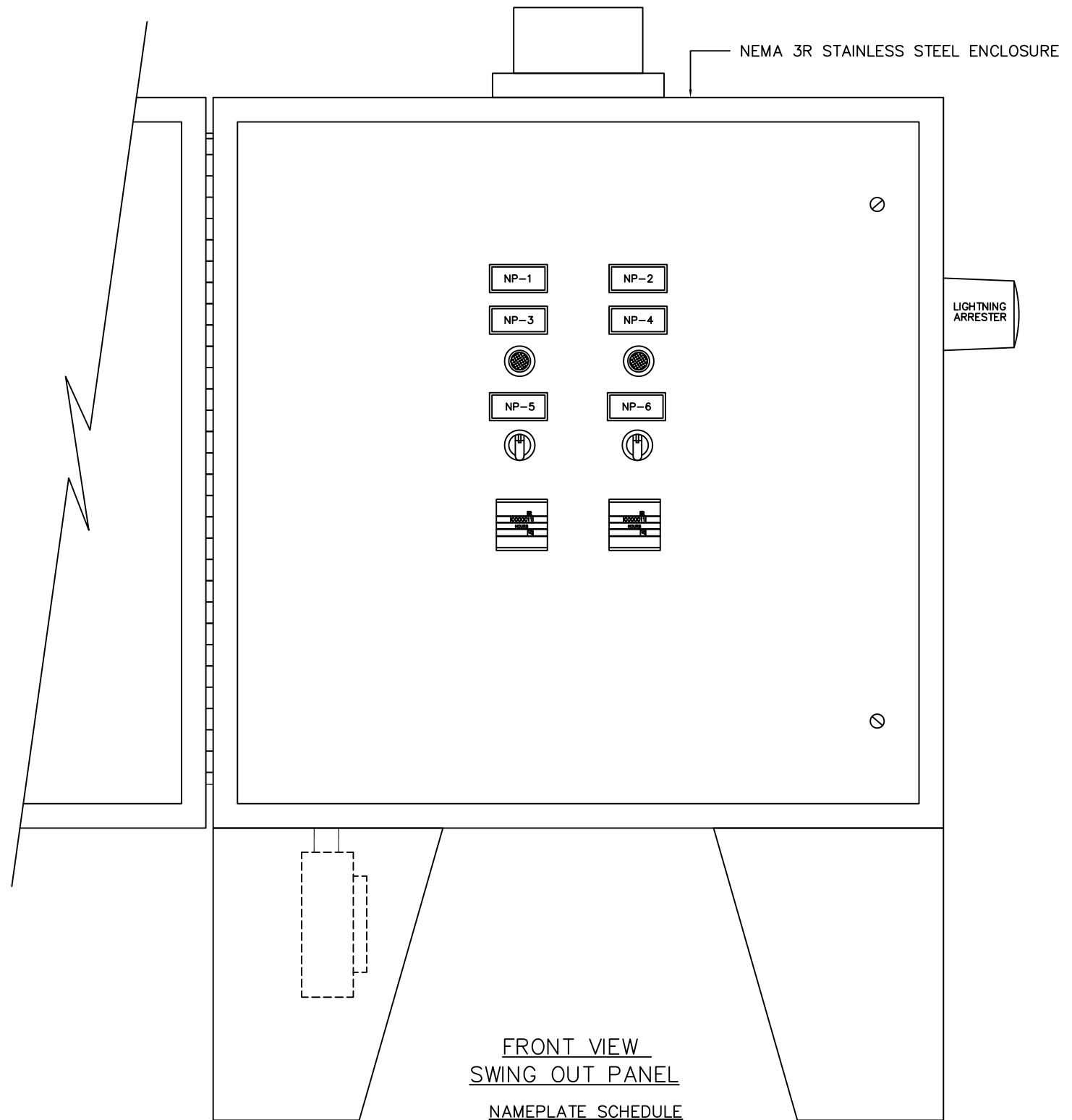
	Drawing Title							
	PANEL DESCRIPTION							
DATE 10/26/12		REFERENCE DRAWING S/N	NO. Sales Engineer	REVISION-LOCATION Application Engineer T.C.	DRAWN BY E. ECKER	ECN	DATE	BY
	Project Title	<div style="text-align: center;">   Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER	
	DUPLEX PUMP CONTROL PANEL				Ph. (225)756-3271 Fax (225)755-1030		DRAWING NUMBER CP-2048-CK	
							SHEET NUMBER 1	



	Drawing Title								
	POWER DIAGRAM								
DATE 10/26/12		REFERENCE DRAWING S/N	NO. Sales Engineer	REVISION-LOCATION Application Engineer T.C.	DRAWN E. ECKER	ECN	DATE	BY	APPROVED
	Project Title	COX			P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER			
	DUPLEX PUMP CONTROL PANEL	Research and Technology, Inc.			Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-2048-CK			
						SHEET NUMBER			
						2			



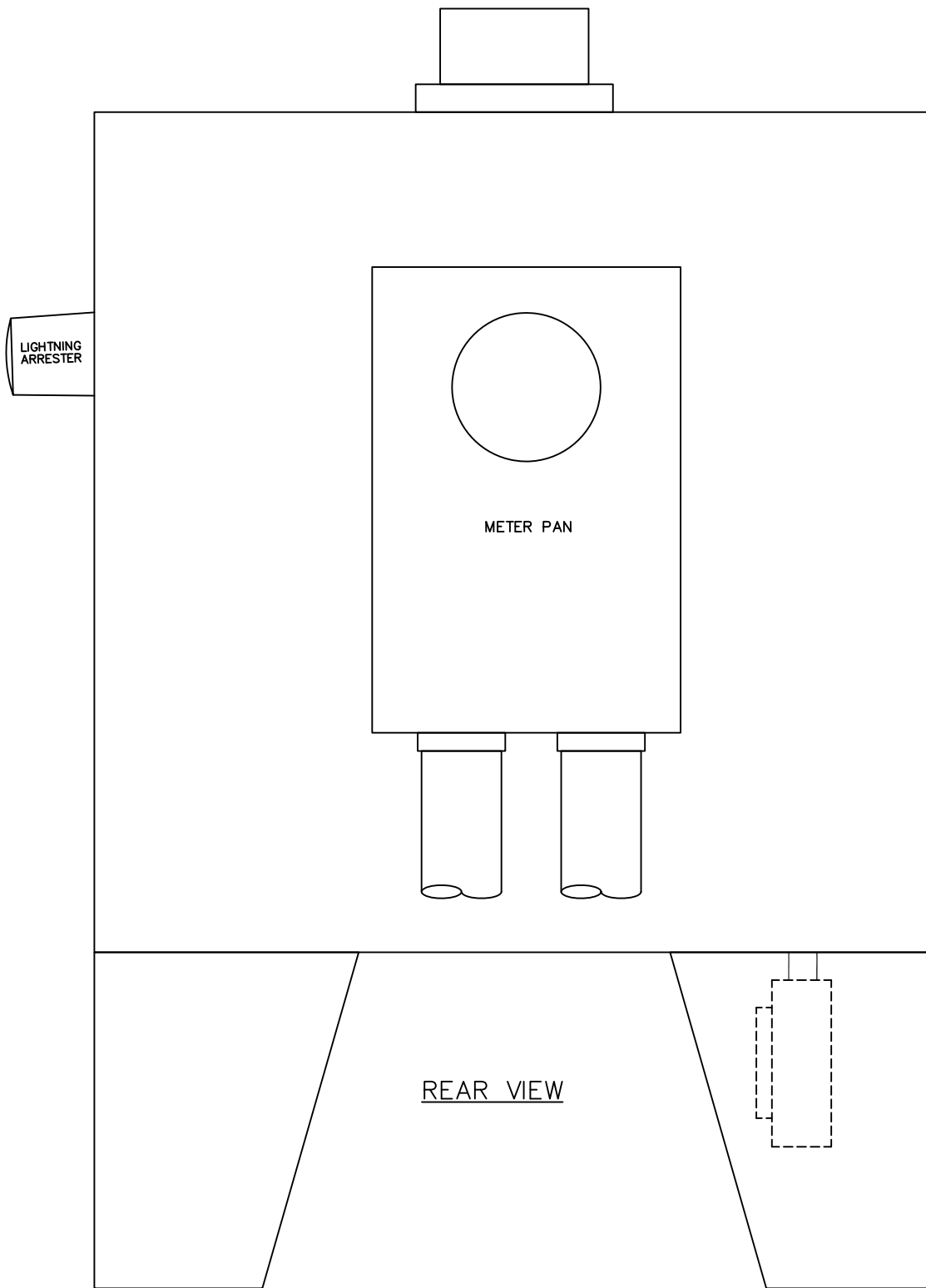
Drawing Title							
CONTROL DIAGRAM							
DATE 10/26/12	REFERENCE DRAWING		NO.		REVISION-LOCATION		ECN
	S/N		Sales Engineer		Application Engineer		DATE
Project Title		T.C.		DRAWN		APPROVED	
DUPLEX PUMP CONTROL PANEL		E. ECKER		BY		DATE	
		PURCHASE ORDER NUMBER					
		DRAWING NUMBER					
		CP-2048-CK					
		SHEET NUMBER					
		3					



**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

DATE 10/26/12	Drawing Title							
	ENCLOSURE							
	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY
	S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED		
	Project Title		T.C.	E. ECKER		BY	DATE	PURCHASE ORDER NUMBER
	DUPLEX PUMP CONTROL PANEL		<div>COX</div> Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, LA 70809		DRAWING NUMBER	
					Ph. (225)756-3271		CP-2048-CK	
					Fax (225)755-1030		SHEET NUMBER	
							4	



	Drawing Title							
	ENCLOSURE							
DATE 10/26/12								
		REFERENCE DRAWING	NO.	REVISION-LOCATION		ECN	DATE	BY
	Project Title	S/N	Sales Engineer	Application Engineer T.C.		DRAWN E. ECKER		APPROVED BY DATE
	DUPLEX 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-2048-CK	
							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	OT100F3	MAIN DISC. SWITCH
3	1	ABB	A16-30-10-84	MOTOR STARTER 1
4	1	ABB	TA25DU14	O.L. RELAY 1 (10-14A)
5	1	SQUARE D	QOU225	CB1
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	2	GE	4X758	RUN CAPACITOR
18	1	ABB	FS126RC	FLASHER
19	1	ABB	A30-30-10-84	MOTOR STARTER 2
20	1	ABB	TA25DU32	O.L. RELAY 2 (24-32A)
21	1	SQUARE D	QOU240	CB2
22				
23				
24				
25				

	Drawing Title							
	<h3 style="margin: 0;">BILL OF MATERIALS</h3>							
DATE 10/26/12		REFERENCE DRAWING S/N	NO. Sales Engineer	REVISION-LOCATION Application Engineer T.C.	ECN	DATE	BY	
	Project Title	<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 150px;"> <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-2048-CK SHEET NUMBER	
	DUPLEX PUMP CONTROL PANEL						6	