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COX

Research and Technology, Inc.

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DUPLEX PUMP  
CONTROL PANEL  
AMARIS ISLE PLANTATION  
GRAND ISLE, LOUISIANA

FIELD REVISIONS  
DATE: 5/29/14

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

CP-2048-CK-BARNES

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, 25.4	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	Gorman Rupp, Barnes	
CATALOG NUMBER	JSV3A60-E2.7,3SHVR5074	

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:

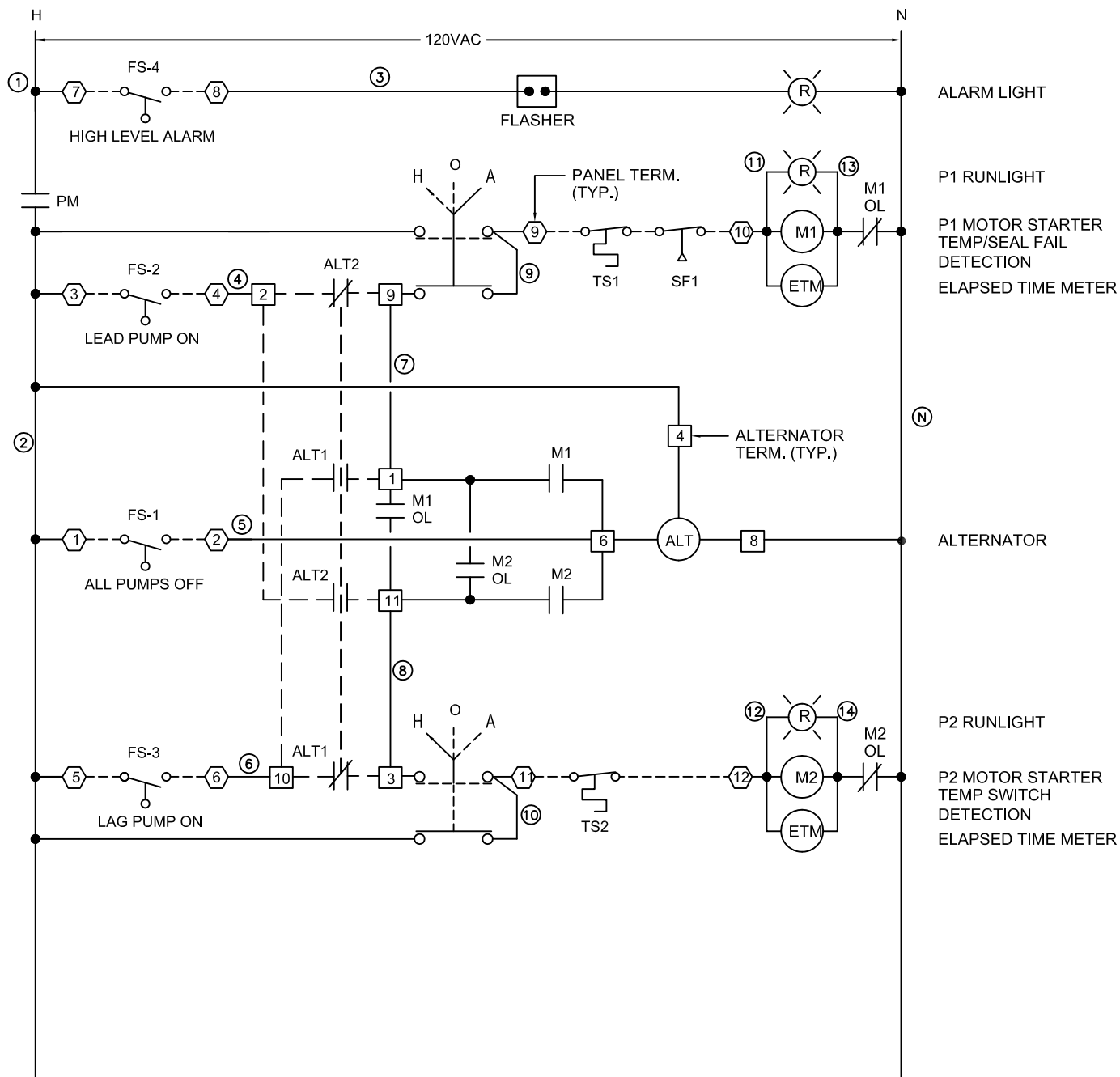
SEAL FAIL LIGHTS		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN	X	(Submersible Only)
HT PUMP SHUTDOWN	X	(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT	X	
LIGHT PANEL MTD	X	
LIGHT REMOTE MTD		
LIGHT FLASHER	X	
LIGHTNING ARRESTER	X	
ELAPSED TIME METER	X	
PHASE MONITOR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

SHIP TO: Delta Process - Denham Springs, LA

	Drawing Title						
	PANEL DESCRIPTION						
DATE 5/30/14		REFERENCE DRAWING S/N	NO. Sales Engineer	REVISION-LOCATION Application Engineer T.L.	DRAWN BY A.DANIELS	ECN	DATE
	Project Title	<div>COX</div> 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-2048-CK-BARNES SHEET NUMBER 1
	DUPLEX PUMP CONTROL PANEL						





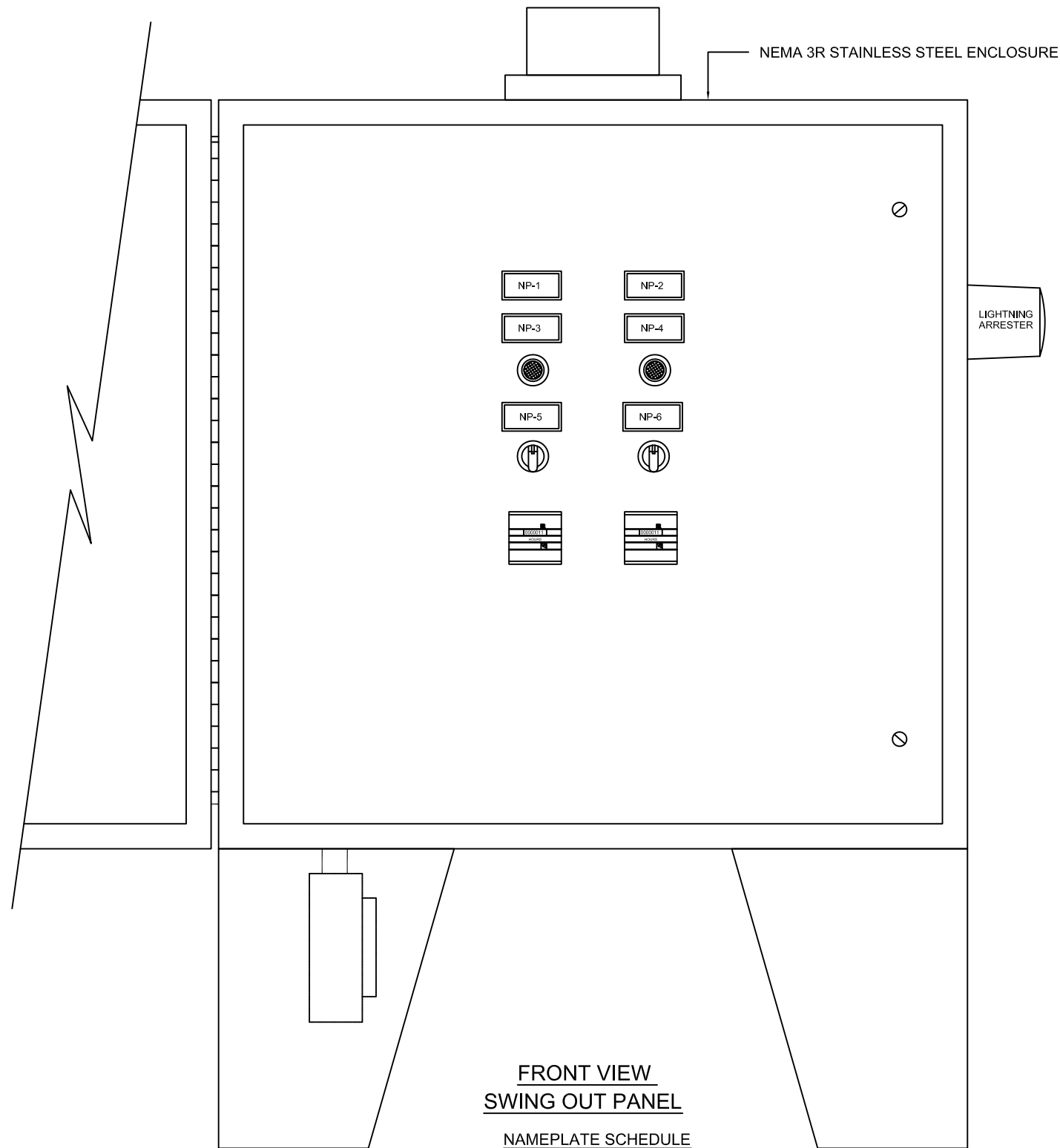
	Drawing Title    CONTROL DIAGRAM								
DATE 5/30/14			REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE
	S/N	Sales Engineer	Application Engineer		DRAWN		APPROVED		
			T.L.		A.DANIELS		BY	DATE	
	Project Title   DUPLEX PUMP CONTROL PANEL		<div>COX</div> <div>Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809  Ph. (225)756-3271 Fax (225)755-1030		PURCHASE ORDER NUMBER	
DRAWING NUMBER									
CP-2048-CK-BARNES									
SHEET NUMBER									
								3	

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P.O. Box 77808  
Baton Rouge, LA  
70809

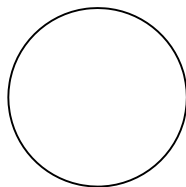
Ph. (225)756-3271  
Fax (225)755-1030



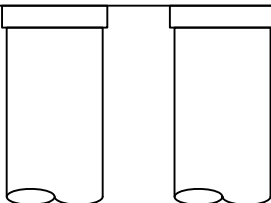
NOTE:  
SEWER GASSES WILL DESTROY COMPONENTS IN PANEL.  
PROPER SEALS MUST BE INSTALLED EXTERNAL TO THE  
PANEL TO PREVENT ENTRY OF GASSES.

DATE 5/30/14	Drawing Title							
	ENCLOSURE							
	Project Title		REFERENCE DRAWING		NO.		REVISION-LOCATION	
	DUPLEX PUMP CONTROL PANEL		S/N		Sales Engineer		Application Engineer	
							T.L.	
							DRAWN	
							A.DANIELS	
							BY	
							DATE	
							PURCHASE ORDER NUMBER	
							DRAWING NUMBER	
							CP-2048-CK-BARNES	
							SHEET NUMBER	
							4	

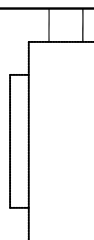
LIGHTNING  
ARRESTER



METER PAN



REAR VIEW



	Drawing Title							
	ENCLOSURE							
DATE 5/30/14								
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY	
		S/N	Sales Engineer	Application Engineer T.L.				
	Project Title				DRAWN A.DANIELS		APPROVED	
	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-BARNES	
							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	QOU250	CB2
22				
23				
24				
25				

	Drawing Title						
	BILL OF MATERIALS						
DATE 5/30/14		REFERENCE DRAWING S/N	NO. Sales Engineer	REVISION-LOCATION Application Engineer T.L.	ECN	DATE	BY
	<b>DUPLEX PUMP CONTROL PANEL</b>	<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 150px;"> <b>COX</b>  <small>Research and Technology, Inc.</small> </div>			<small>P.O. Box 77808 Baton Rouge, LA 70809</small>  <small>Ph. (225)756-3271 Fax (225)755-1030</small>		<small>PURCHASE ORDER NUMBER</small>  <small>DRAWING NUMBER</small> <small>CP-2048-CK-BARNES</small> <small>SHEET NUMBER</small>
					BY	DATE	
							6