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# COX

Research and Technology, Inc.

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NELSON'S LANDING  
DUPLEX PUMP  
CONTROL PANEL

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

CP-2360

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		

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:

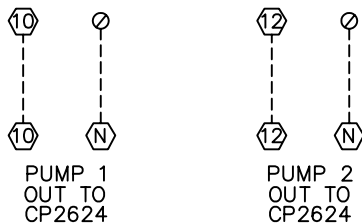
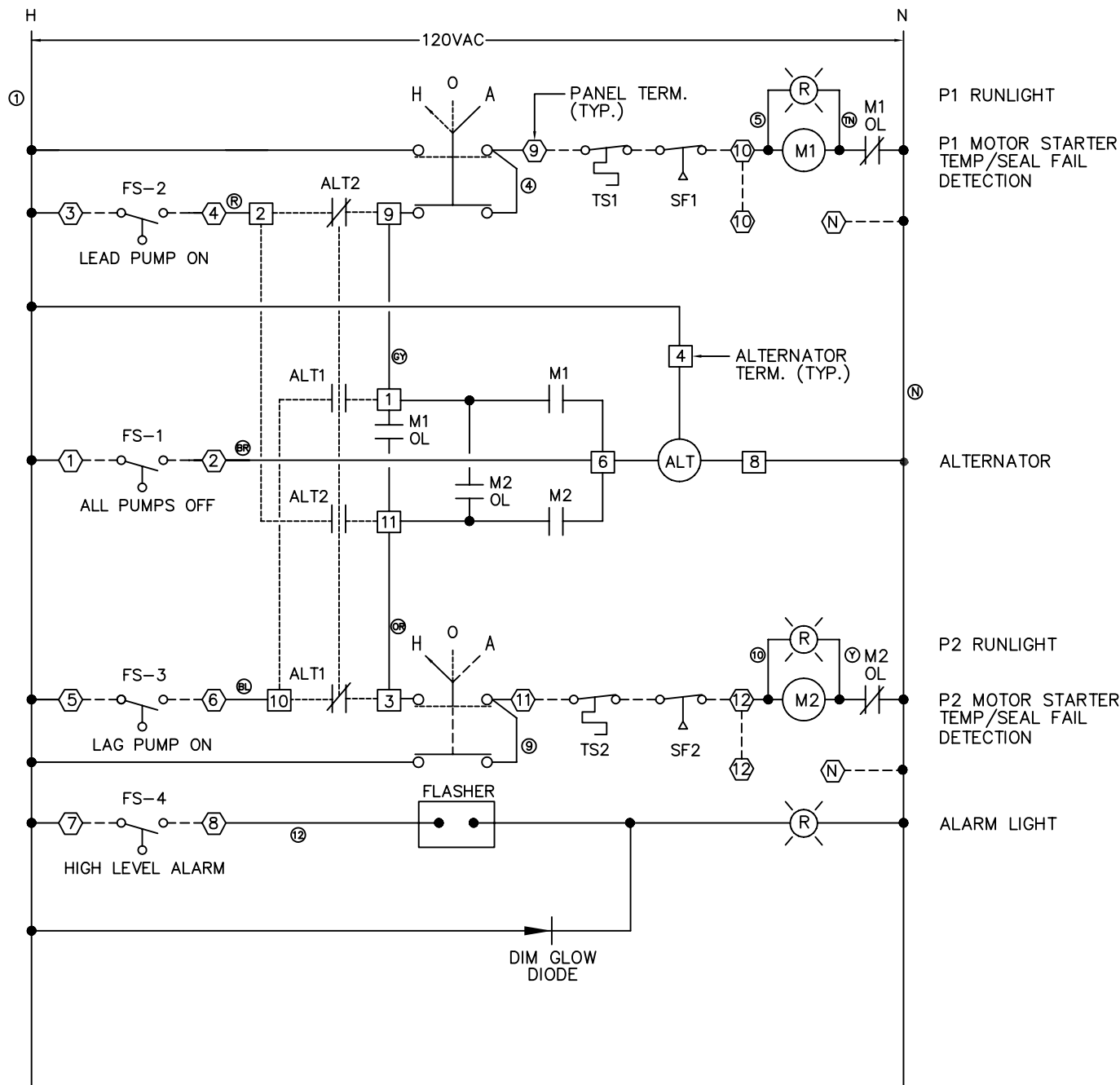
SEAL FAIL LIGHTS		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN	X	(Submersible Only)
HT PUMP SHUTDOWN	X	(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT	X	
LIGHT PANEL MTD	X	
LIGHT REMOTE MTD		
LIGHT FLASHER	X	
LIGHTNING ARRESTER	X	
ELAPSED TIME METER		
PHASE MONITOR		
NEMA RATED STARTERS		
GROUND FAULT RECPT.		
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 : NELSON'S LANDING

SHIP TO: Delta Process - Denham Springs, LA

	Drawing Title						
	PANEL DESCRIPTION						
DATE 04/19/07		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY COREYC	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
	DUPLEX PUMP CONTROL PANEL						DRAWING NUMBER CP-2360
							SHEET NUMBER 1





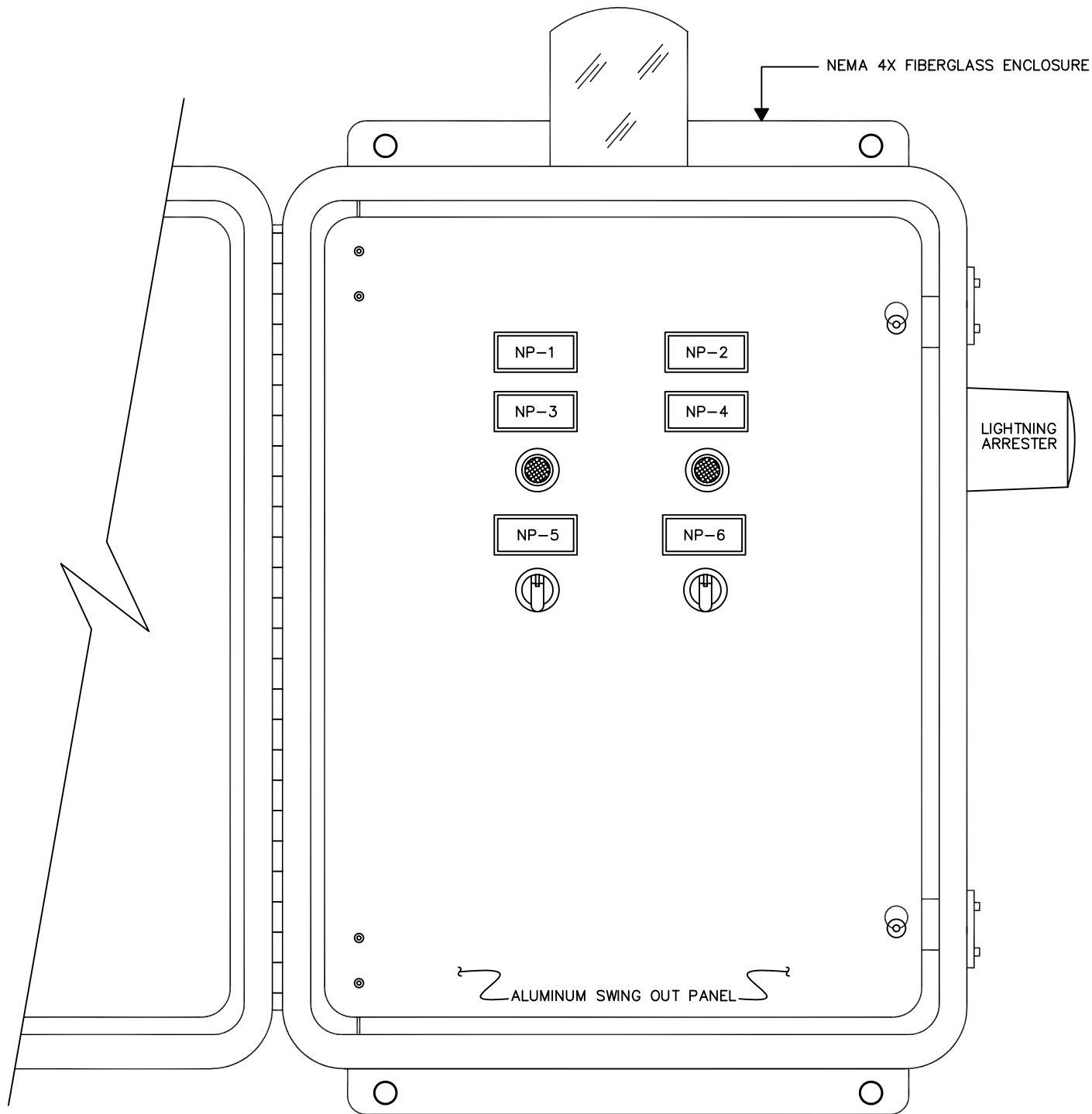
DATE 04/19/07	Drawing Title		R1	New Capacitors		04/19/07	
	CONTROL DIAGRAM						
Project Title	DUPLIX PUMP CONTROL PANEL		REFERENCE DRAWING		NO.		REVISION-LOCATION
			S/N		Sales Engineer C.C.		Application Engineer R.C.
			BY COREYC		APPROVED		DATE
					PURCHASE ORDER NUMBER		
					DRAWING NUMBER		CP-2360
					SHEET NUMBER		3

**COX**

Research and Technology, Inc.

P.O. Box 77808  
Baton Rouge, LA  
70809

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



VIEW OF SWING OUT PANEL

NAMEPLATE SCHEDULE

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

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

	Drawing Title								
	ENCLOSURE								
DATE 04/19/07		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	BY COREYC	ECN	DATE	BY	APPROVED
	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-2360			
						SHEET NUMBER 4			

# BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	STAHLIN	RJ1816HPLDF	ENCLOSURE
1a	1	STAHLIN	BP1816AL	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	1	SQUARE D	QOU110	CB3
12	1	MARATHON	1323580	DISTRIBUTION BLOCK
13	1	STAHLIN	RJ1210HPL	J-BOX
14	1	STOCK		SEAL OFF
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

	Drawing Title									
BILL OF MATERIALS										
DATE 04/19/07	S/N	Sales Engineer C.C.	Application Engineer R.C.	REFERENCE DRAWING NO.  	REVISION-LOCATION  	ECN	DATE	BY	PURCHASE ORDER NUMBER	
Project Title							BY COREYC	APPROVED		
DUPLEX PUMP CONTROL PANEL	<b>COX</b> Research and Technology, Inc.						P.O. Box 77808 Baton Rouge, LA 70809  Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-2360 SHEET NUMBER		