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# COX

Research and Technology, Inc.

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DUPLEX PUMP  
CONTROL PANEL  
AMITE

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

CP-1504

VOLTAGE	120/208V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	2	
HP	15 MAX	
FLA	-	
TYPE OF PUMP	Self-Priming	(Self-Priming, Submersible)
MANUFACTURER	GP	
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	No	(Yes, No)
CAPACITOR WIRING FIGURE	N/A	
THERM. & SEAL FAIL WIRING FIGURE	N/A	

OPTIONS:

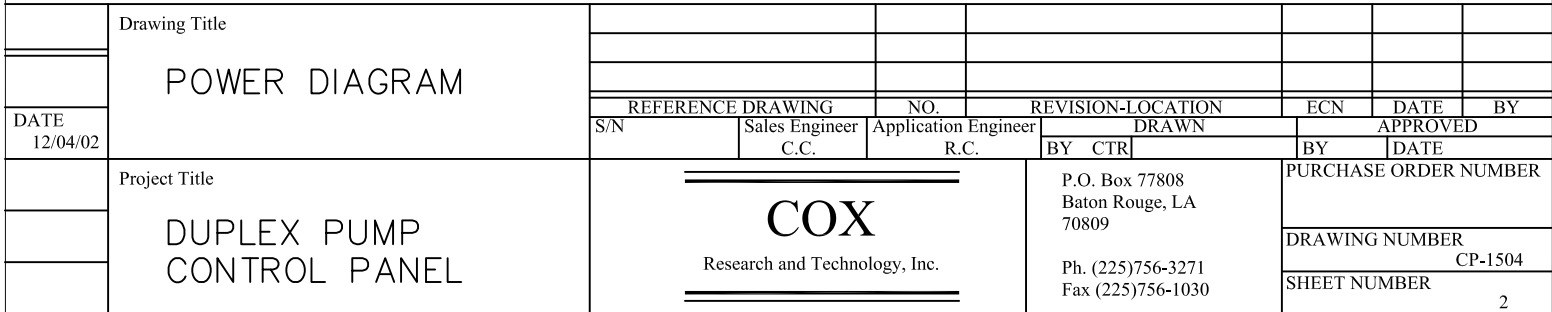
SEAL FAIL LIGHTS		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN		(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT	X	
LIGHT PANEL MTD	X	
LIGHT REMOTE MTD		
LIGHT FLASHER	X	
LIGHTNING ARRESTER	X	
ELAPSED TIME METER	X	
PHASE MONITOR	X	
NEMA RATED STARTERS	X	
GROUND FAULT RECPT.	X	
GREEN RUN LIGHTS VS. RED	X	
POLE, BOX, SEAL		
INTRINSICALLY SAFE RELAYS		
HIGH TEMP. LOCKOUT, MANUAL RESET		
ECONOMY VERSION		

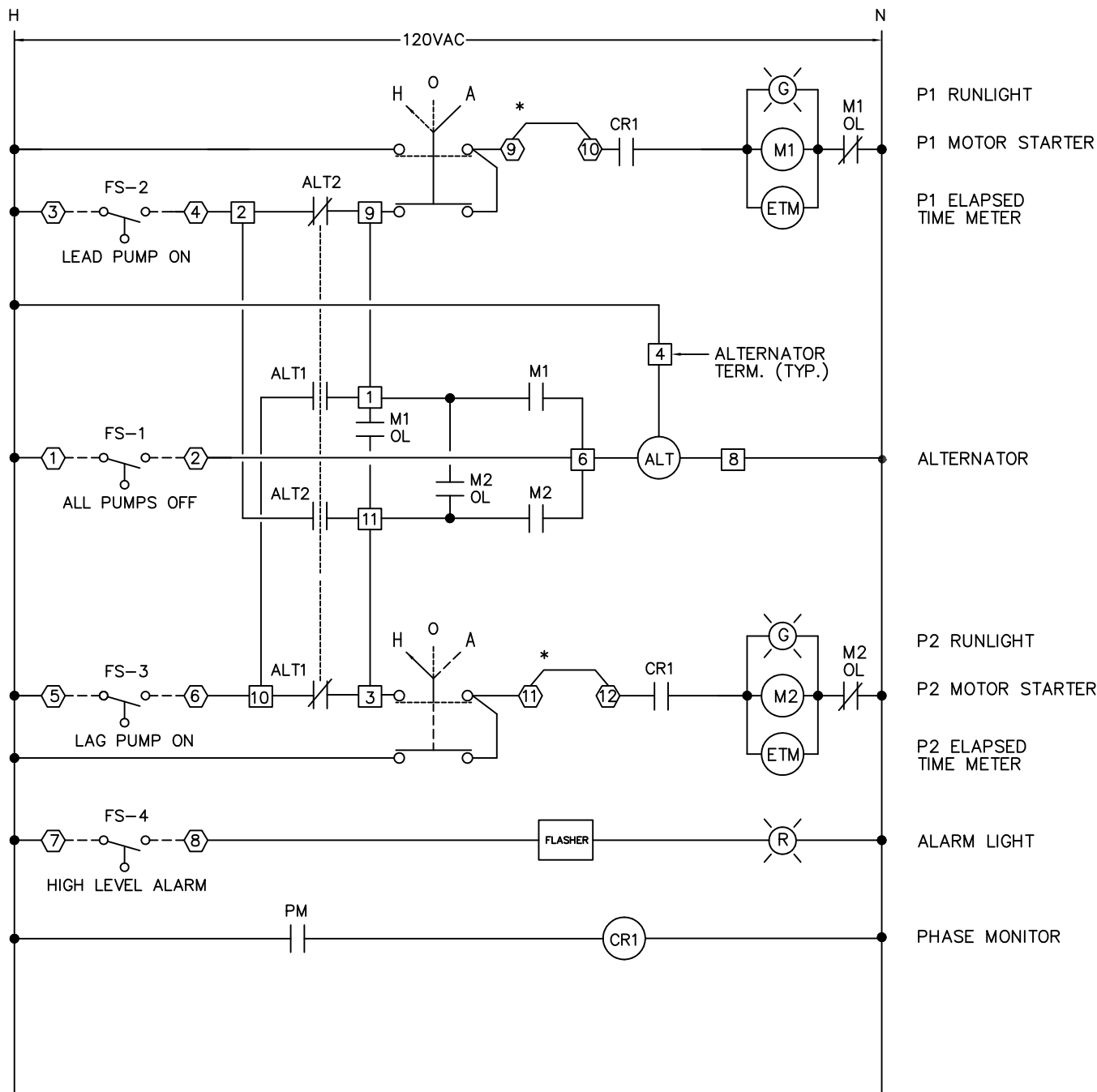
SOLD TO: Delta Process - New Orleans, LA

TAG : AMITE

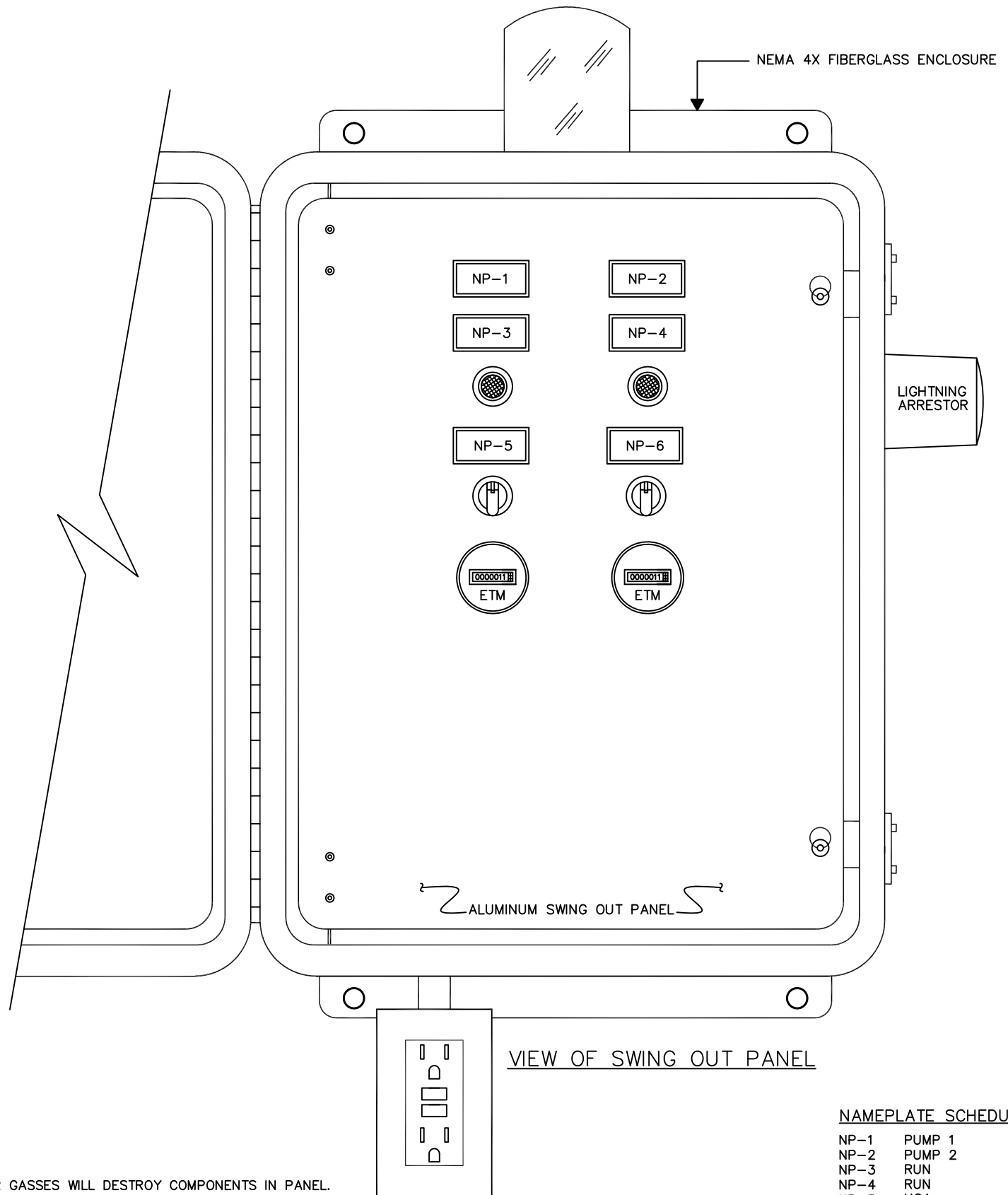
SHIP TO: Delta Process - Denham Springs, LA

	Drawing Title						
	PANEL DESCRIPTION						
DATE 12/04/02		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY CTR	ECN	DATE
	Project Title	<div>COX</div> <div>Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809  Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER  DRAWING NUMBER CP-1504 SHEET NUMBER 1
	DUPLEX PUMP CONTROL PANEL						





	Drawing Title    CONTROL DIAGRAM								
DATE 12/04/02			REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE
	S/N	Sales Engineer C.C.	Application Engineer R.C.		DRAWN BY CTR		APPROVED BY DATE		
	Project Title   DUPLUX 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)756-1030		PURCHASE ORDER NUMBER	
DRAWING NUMBER CP-1504									
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.

**NAMEPLATE SCHEDULE**

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

DATE 12/04/02	Drawing Title  <b>ENCLOSURE</b>		REFERENCE DRAWING		NO.		REVISION-LOCATION		ECN	DATE	BY
			S/N		Sales Engineer C.C.		Application Engineer R.C.		DRAWN		APPROVED
							BY		CTR	BY	DATE
			Project Title						PURCHASE ORDER NUMBER		
	<b>DUPLEX PUMP CONTROL PANEL</b>		<b>COX</b> Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, LA 70809  Ph. (225)756-3271 Fax (225)756-1030				DRAWING NUMBER		
									CP-1504		
									SHEET NUMBER		4

## BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	ALLIED	AM24200RL	ENCLOSURE
1a	1	ALLIED	PA2420	BACKPLATE
2	1	ABB	OT100E3	MAIN DISC. SWITCH
3	2	ABB	A75N3-30-11-84	MOTOR STARTER
4	2	ABB	TA75DU25	O.L. RELAY (18-25A)
5	2	SQUARE D	QOU390	CB1, CB2
6	1	SQUARE D	QOU115	CB3
7	1	TIMEMARK	261DT120	ALTERNATING RELAY
8	2	ACI	JR22FG	GREEN PILOT LIGHT
9	2	ACI	JR22P3M20B	HOA SWITCH
10	1	AC/DC	BL5-R-120	ALARM LIGHT
11	1	C-H	CHSA03	LIGHTNING ARRESTER
12	1	SSAC	PLMU-11	PHASE MONITOR
13	2	GRASSLIN	UWZ52E	ELAPSED TIME METER
14	1	OMRON	SAC	RELAY
15	1	SSAC	FS126	FLASHER
16	1	STOCK		GFI RECEPTACLE
17				
18				
19				
20				
21				
22				
23				
24				
25				

\* O.L.'S SIZED FOR 7 1/2 H.P. MOTOR

	Drawing Title							
	<h3 style="margin: 0;">BILL OF MATERIALS</h3>							
DATE 12/04/02		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY CTR	ECN	DATE	BY
		<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 100px;"> <h2 style="margin: 0;">COX</h2> <p style="margin: 0; font-size: small;">Research and Technology, Inc.</p> </div>		<p style="margin: 0; font-size: small;">P.O. Box 77808 Baton Rouge, LA 70809</p> <p style="margin: 0; font-size: small;">Ph. (225)756-3271 Fax (225)756-1030</p>		<p style="margin: 0; font-size: small;">PURCHASE ORDER NUMBER</p> <hr/> <p style="margin: 0; font-size: small;">DRAWING NUMBER CP-1504</p> <hr/> <p style="margin: 0; font-size: small;">SHEET NUMBER 5</p>		
	Project Title	<h3 style="margin: 0;">DUPLEX PUMP CONTROL PANEL</h3>						