
COX

Research and Technology, Inc.

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-1880

VOLTAGE	120 V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	2	
HP	1/2	
FLA	9.5A	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	Aero Motor	
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		

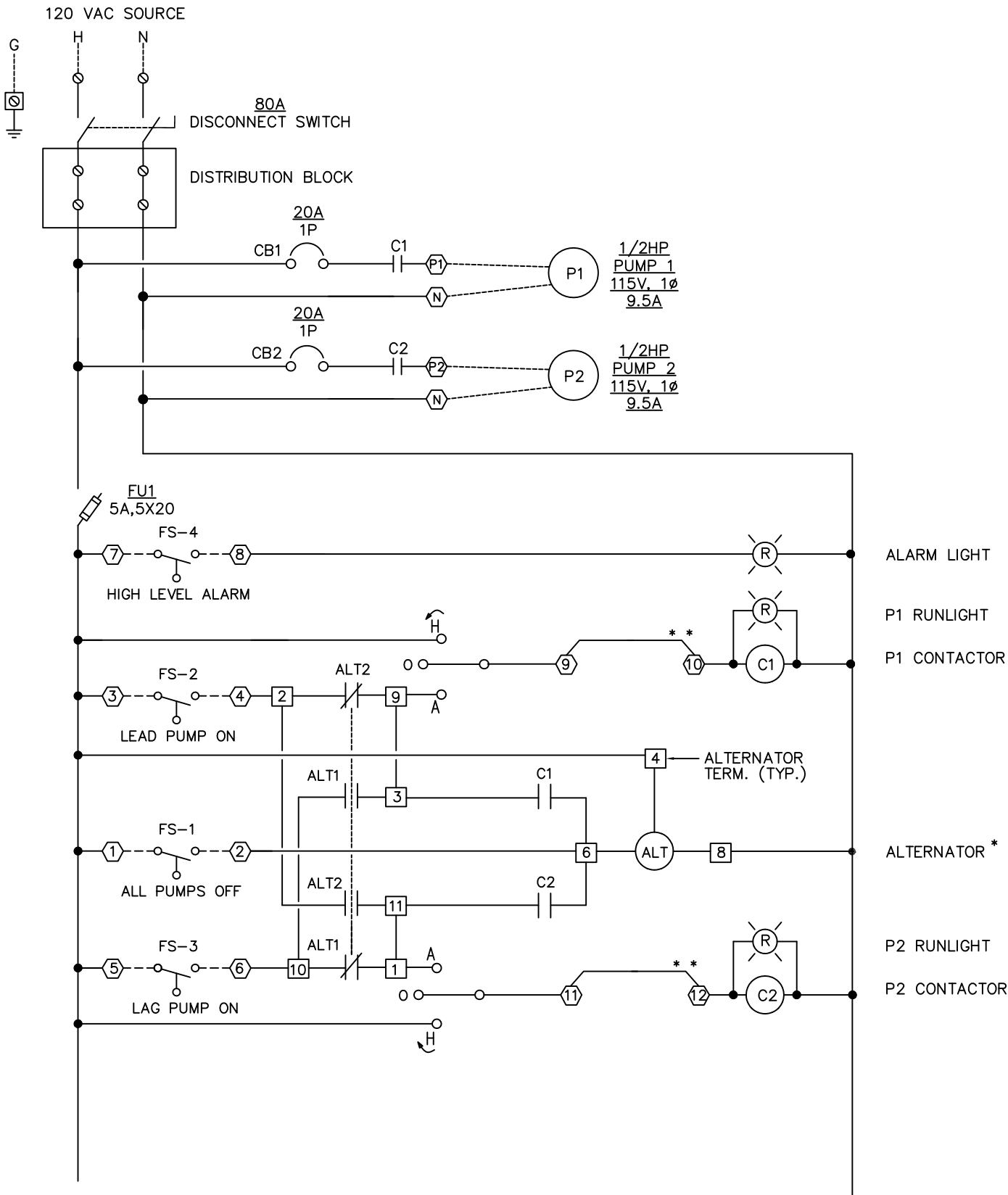
OPTIONS:

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		
LIGHTNING ARRESTER		
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 - Denham Springs, LA
TAG :	Chester Moore Methodist Church

SHIP TO:	Delta Process - Denham Springs, LA

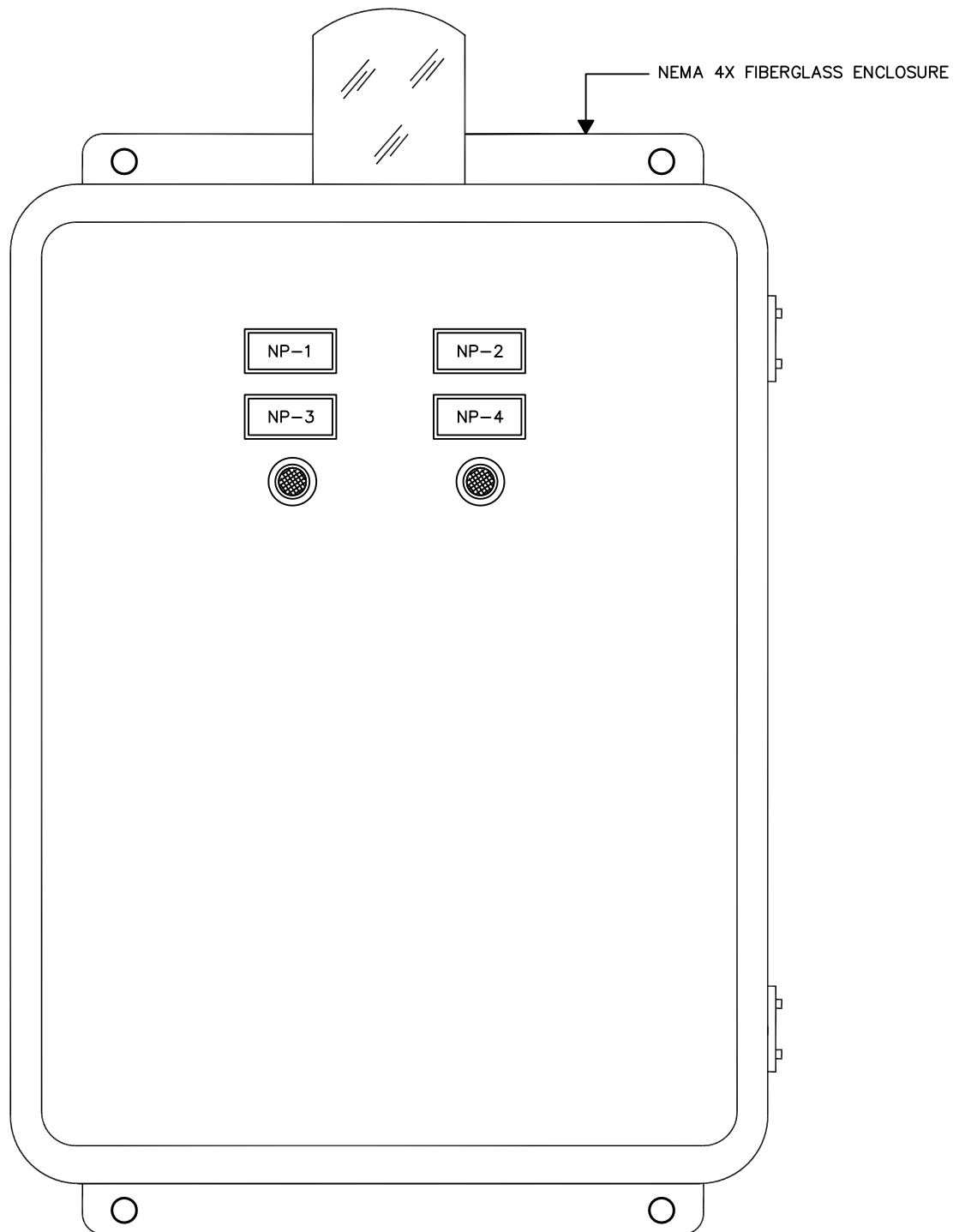
	Drawing Title						
	PANEL DESCRIPTION						
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
8/31/04		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED BY	DATE
	Project Title	<div>COX</div> <div>Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER DRAWING NUMBER CP-1880 SHEET NUMBER 1
	DUPLEX PUMP CONTROL PANEL						



* * REMOVE JUMPERS AND INSTALL LOCKOUT DEVICES IF REQUIRED

* DIVERSIFIED ALTERNATOR

Drawing Title	POWER DIAGRAM					
DATE	8/31/04	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE
		S/N	Sales Engineer	Application Engineer	BY	APPROVED
			C.C.	R.C.	BY C. RACHAL	DATE
Project Title	COX			P.O. Box 77808	PURCHASE ORDER NUMBER	
	Research and Technology, Inc.			Baton Rouge, LA	DRAWING NUMBER	
				70809	CP-1880	
				Ph. (225)756-3271	SHEET NUMBER	
				Fax (225)756-1030	2	



VIEW OF FRONT OF ENCLOSURE

NAMEPLATE SCHEDULE

NP-1	PUMP 1
NP-2	PUMP 2
NP-3	RUN
NP-4	RUN

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		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
8/31/04		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED BY	DATE
	Project Title	<div style="text-align: center;"> COX 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-1880 SHEET NUMBER 3
	DUPLEX PUMP CONTROL PANEL						

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	VYNCKIER	VJ1412HWPL	ENCLOSURE
1a	1	VYNCKIER	MP1412A	BACKPLATE
2	2	MARATHON	1321580	DISTRIBUTION BLOCK
3	2	SQUARE D	QOU120	CB1, CB2
4	1	DIVERSIFIED	ARB-120-ADA	ALTERNATOR
5	2	CERUS	CMC-30P	CONTACTOR
6	1	INGRAM	MX-15	ALARM LIGHT
7	2	ACI	JR22FR	RUN LIGHTS
8	1	ACI	OT63E3	DISCONNECT SWITCH
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

	Drawing Title							
	<h2 style="margin: 0;">BILL OF MATERIALS</h2>							
DATE 8/31/04		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE	BY
		<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>P.O. Box 77808 Baton Rouge, LA 70809</p> <p>Ph. (225)756-3271 Fax (225)756-1030</p>		<p>PURCHASE ORDER NUMBER</p> <hr/> <p>DRAWING NUMBER CP-1880</p> <hr/> <p>SHEET NUMBER</p>		
	Project Title							
	<h2 style="margin: 0;">DUPLEX PUMP CONTROL PANEL</h2>							
					4			