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# **COX**

Research and Technology, Inc.

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## 2 PUMP AND 2 BLOWER CONTROL PANEL

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

VOLTAGE	<u>120/208</u>
PHASE/HZ	<u>3/60</u>
NO. MOTORS	<u>4</u>
HP	<u>2HP 7.8A</u>
TYPE OF PUMP	<u>2 PUMP 2 BLOWER</u>

CONTROL VOLTAGE	<u>120V</u>
ENCLOSURE	<u>NEMA 4X</u>
ENCLOSURE MATERIAL	<u>FG</u>
CONTROL SENSOR	<u>FLOATS</u>

OPTIONS:

SEAL FAIL LIGHT	<u>X</u>
HT PUMP SHUTDOWN	<u>X</u>
ALARM HORN	<u></u>
ALARM LIGHT	<u>X</u>
ALARM PANEL MTD	<u>X</u>
ALARM REMOTE MTD	<u></u>
ALARM FLASHER	<u></u>

SOLD TO: DELTA PROCESS  
TAG : 2 PUMP 2 BLOWER

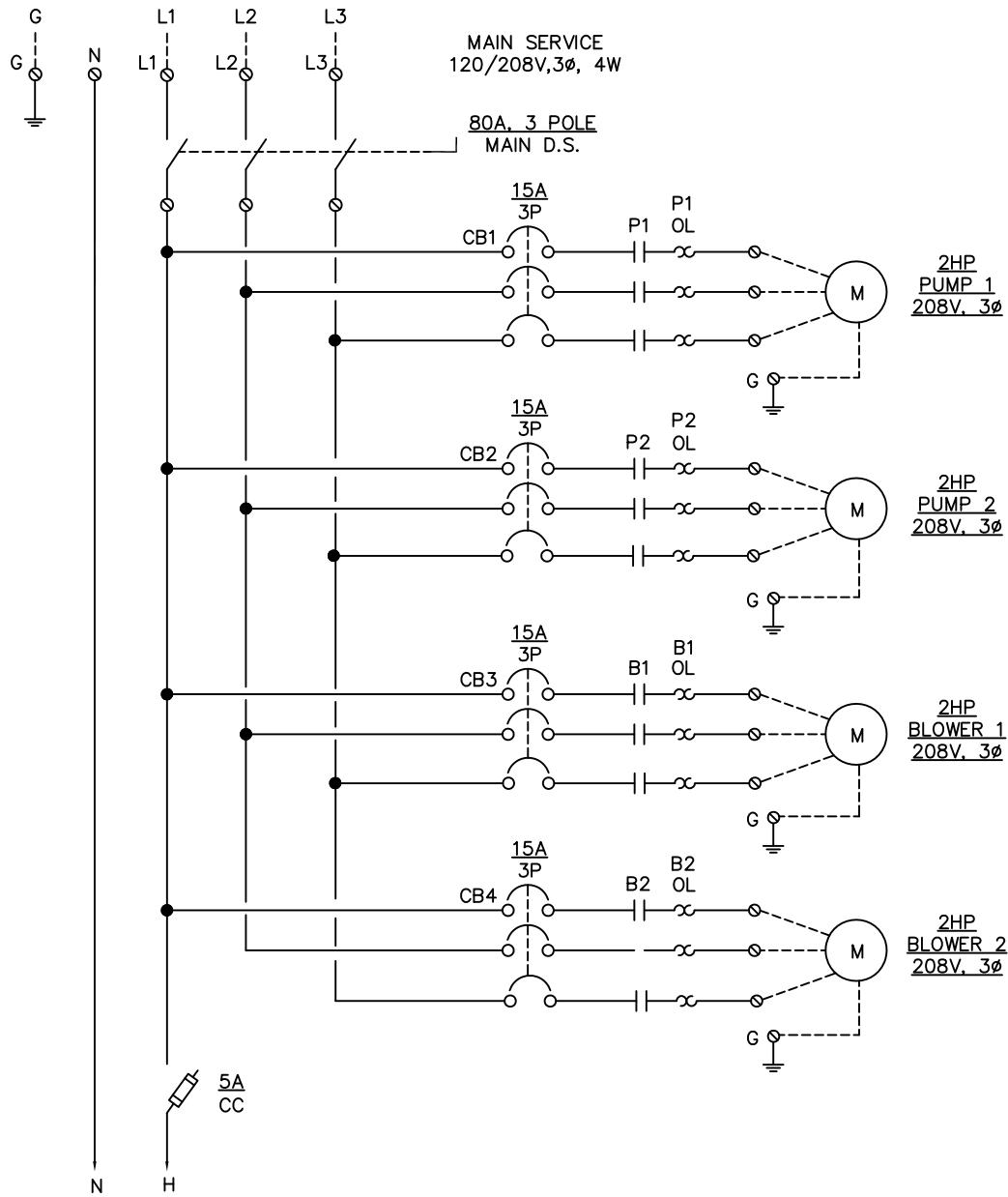
SHIP TO: DELTA PROCESS - RUSTON, LA

Revision Information		Drawing Title  PANEL DESCRIPTION	REFERENCE DRAWING			NO.		Revision-Location		ECN	Date	By
Date	Time		S/N	Sales Engineer	C.C.	Application Engineer	R.C.	Drawn By	Approved By			
7/29/02												
Project Title / Tag	2 PUMP/2 BLOWER CONTROL PANEL											
File Name												

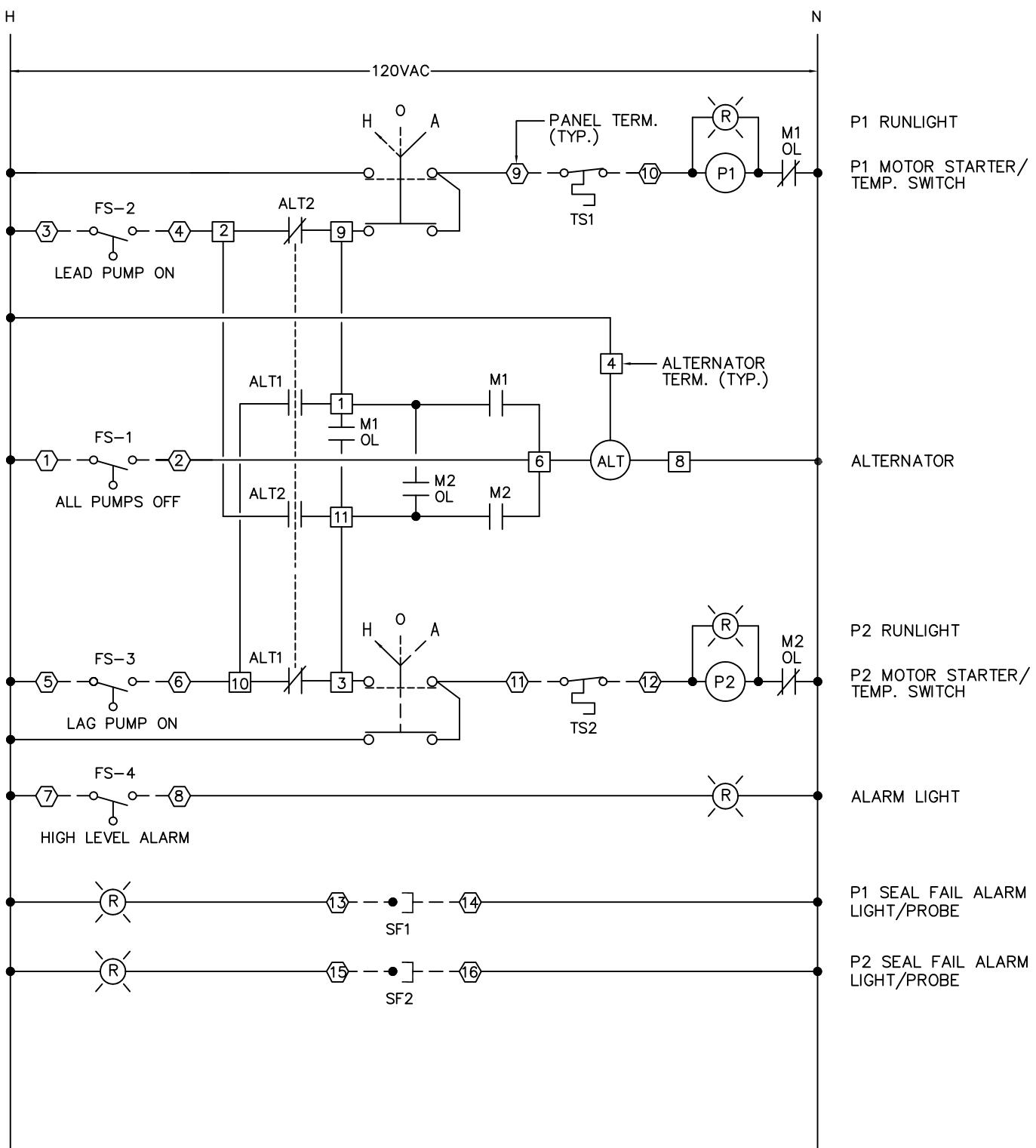
**COX**  
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70879  
Ph. (225) 756-3271  
Fax (225) 755-1030

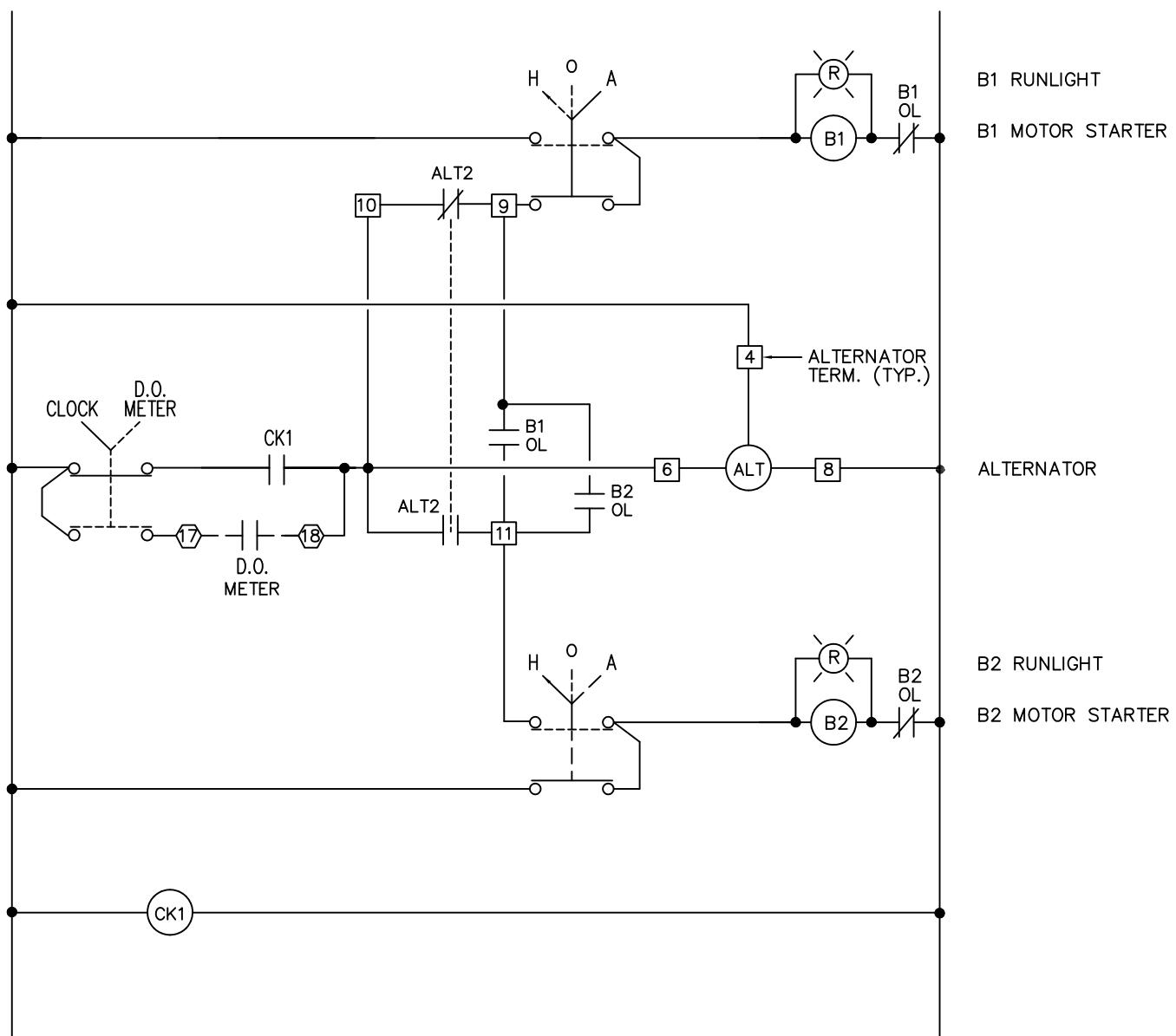
Purchase Order Number  
CP-1437  
Sheet Number  
1



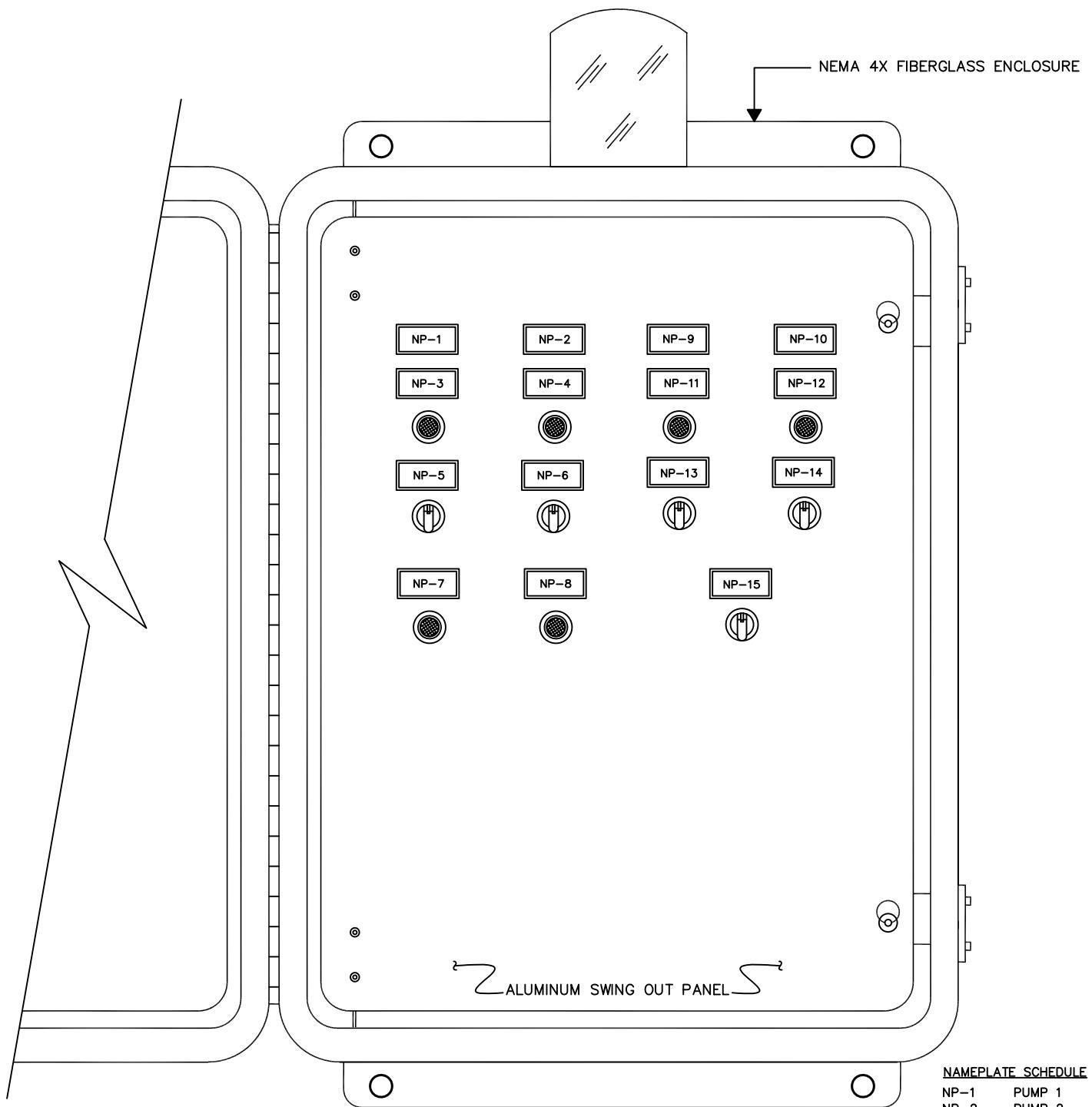
Revision Information	Drawing Title  POWER DIAGRAM								
Date 7/29/02		REFERENCE DRAWING		NO.	Revision-Location		ECN	Date	By
S/N		Sales Engineer	C.C.	Application Engineer	R.C.	Drawn By CTR	Approved By	Date	
Time		Project Title / Tag		<hr/> <hr/> <b>COX</b> Research and Technology, Inc. <hr/> <hr/>		P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030		Purchase Order Number CP-1437	
File Name	2 PUMP/2 BLOWER CONTROL PANEL						Sheet Number 2		



	Drawing Title  CONTROL DIAGRAM				
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY CTR	ECN APPROVED BY DATE
DATE 7/29/02		Application Engineer R.C.			
	Project Title  2 PUMP / 2 BLOWER CONTROL PANEL		COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER  DRAWING NUMBER CP-1437 SHEET NUMBER 3



	Drawing Title					
	CONTROL DIAGRAM					
DATE 7/29/02	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY CTR	DATE APPROVED BY DATE	BY
Project Title 2 PUMP / 2 BLOWER CONTROL PANEL	COX Research and Technology, Inc.			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1437 SHEET NUMBER 4	



### VIEW OF SWING OUT PANEL

NOTE:

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

NAMEPLATE SCHEDULE	
NP-1	PUMP 1
NP-2	PUMP 2
NP-3	RUN
NP-4	RUN
NP-5	HOA
NP-6	HOA
NP-7	SEAL FAIL
NP-8	SEAL FAIL
NP-9	BLOWER 1
NP-10	BLOWER 2
NP-11	RUN
NP-12	RUN
NP-13	HOA
NP-14	HOA
NP-15	CLOCK D.O.

	Drawing Title					
	ENCLOSURE					
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE BY
DATE 5/30/02	S/N	Sales Engineer	Application Engineer	DRAWN BY CTR	APPROVED BY DATE	
	C.C.	R.C.				
	Project Title	<hr/> <hr/> <hr/> <b>COX</b> <hr/> <hr/>			PURCHASE ORDER NUMBER	
	2 PUMP / 2 BLOWER CONTROL PANEL	Research and Technology, Inc.			DRAWING NUMBER	CP1437
					SHEET NUMBER	5

## BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	ALLIED	AM24208RL	ENCLOSURE
2	1	ALLIED	A2420MP	BACKPLATE
3	1	ALLIED	A2420SP	SWING PANEL
4	4	ABB	A16-30-10-84	STARTER
5	4	ABB	TA25DU8.5	O.L. (6.0-8.5A)
6	4	SQD	QOU315	CIRCUIT BREAKER 1,2,3,4
7	1	ABB	OT63E3	DISC. SWITCH
8	4	ACI	JR22P3M20B	HOA SW
9	6	ACI	JR22FR	RUN LIGHT
10	1	GRASSLIN	STUZH-L	24 HR TIME CLOCK
11	2	TIMEMARK	261DT120	ALTERNATOR
12	1	AC/DC	BL5R120	H.L. ALARM LIGHT
13	1	ACI	JR22P2M11B	SELECTOR SWITCH
14				

Revision Information	Drawing Title  BILL OF MATERIALS						
Date 7/29/02		REFERENCE DRAWING	NO.		Revision-Location	ECN	Date
Time		S/N	Sales Engineer C.C.	Application Engineer R.C.	Drawn By CTR Date 7/29/02	Approved By	By Date
	Project Title / Tag  2 PUMP/ 2 BLOWER CONTROL PANEL	<hr/> <hr/> <b>COX</b> Research and Technology, Inc. <hr/> <hr/>				P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030	Purchase Order Number CP-1437  Sheet Number 6
File Name							