

---

---

# COX

Research and Technology, Inc.

---

---

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

CONTROL VOLTAGE	120V
ENCLOSURE	NEMA 4X
ENCLOSURE MATERIAL	FG
CONTROL SENSOR	FLOATS

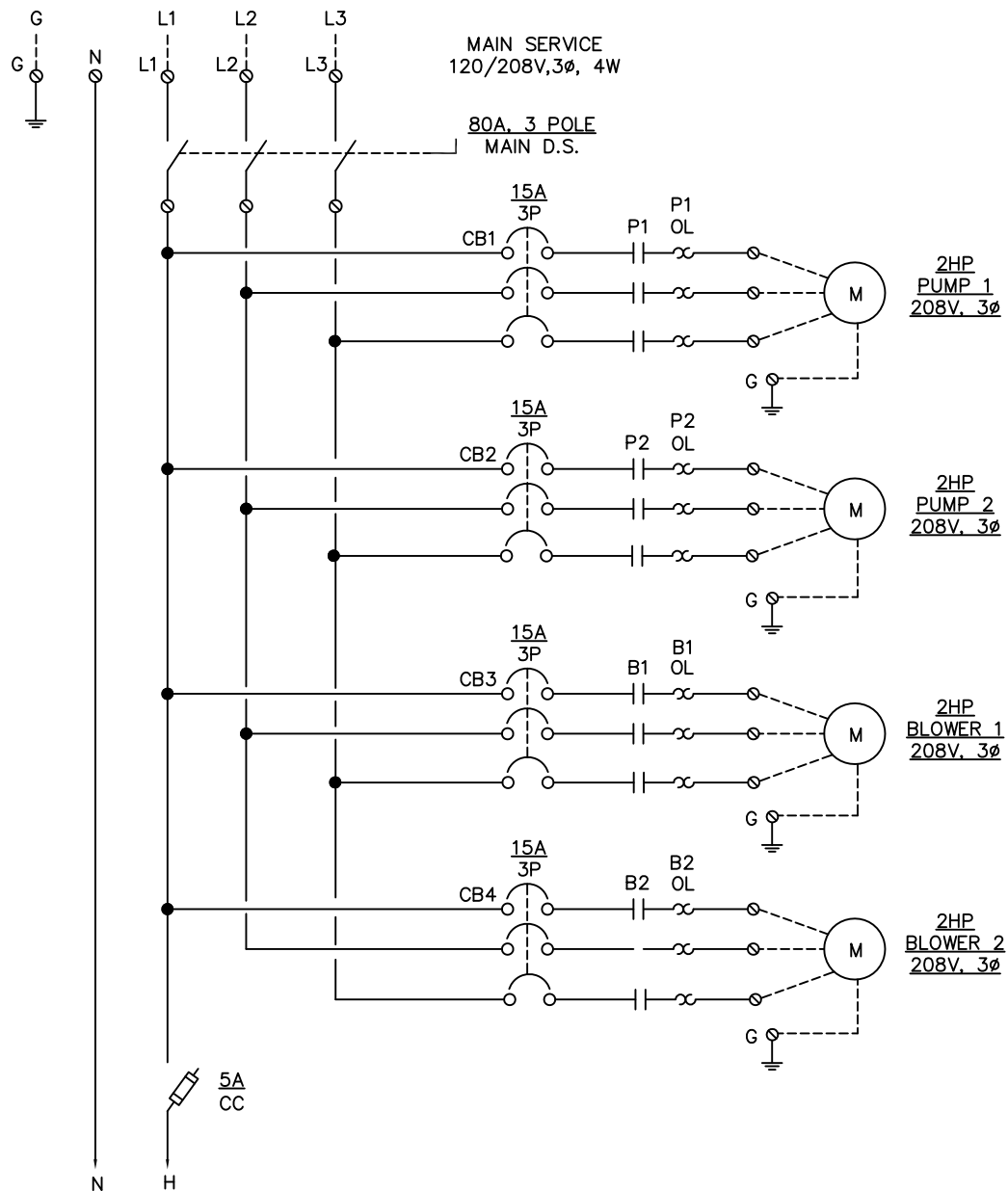
OPTIONS:

SEAL FAIL LIGHT	X
HT PUMP SHUTDOWN	X
ALARM HORN	
ALARM LIGHT	X
ALARM PANEL MTD	X
ALARM REMOTE MTD	
ALARM FLASHER	

SOLD TO: DELTA PROCESS  
TAG : 2 PUMP 2 BLOWER

SHIP TO: DELTA PROCESS - RUSTON, LA

Revision Information	Drawing Title												
	PANEL DESCRIPTION												
Date 7/29/02		REFERENCE DRAWING	NO.	Revision-Location			ECN	Date	By				
Time	Project Title / Tag	S/N	Sales Engineer	C.C.	Application Engineer	R.C.	By	CTR	Date	7/29/02	Approved	By	Date
File Name	2 PUMP/2 BLOWER CONTROL PANEL	COX Research and Technology, Inc.					P.O. Box 77808 Baton Rouge, La. 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						
Time	Project Title / Tag						
File Name	2 PUMP/2 BLOWER CONTROL PANEL						
		REFERENCE DRAWING		NO.		Revision-Location	
		S/N		Sales Engineer		Application Engineer	
		C.C.		R.C.		By CTR	
		Date		7/29/02		Approved	
		By		Date		ECN	
		Purchase Order Number		CP-1437		Date	
		Sheet Number		2			

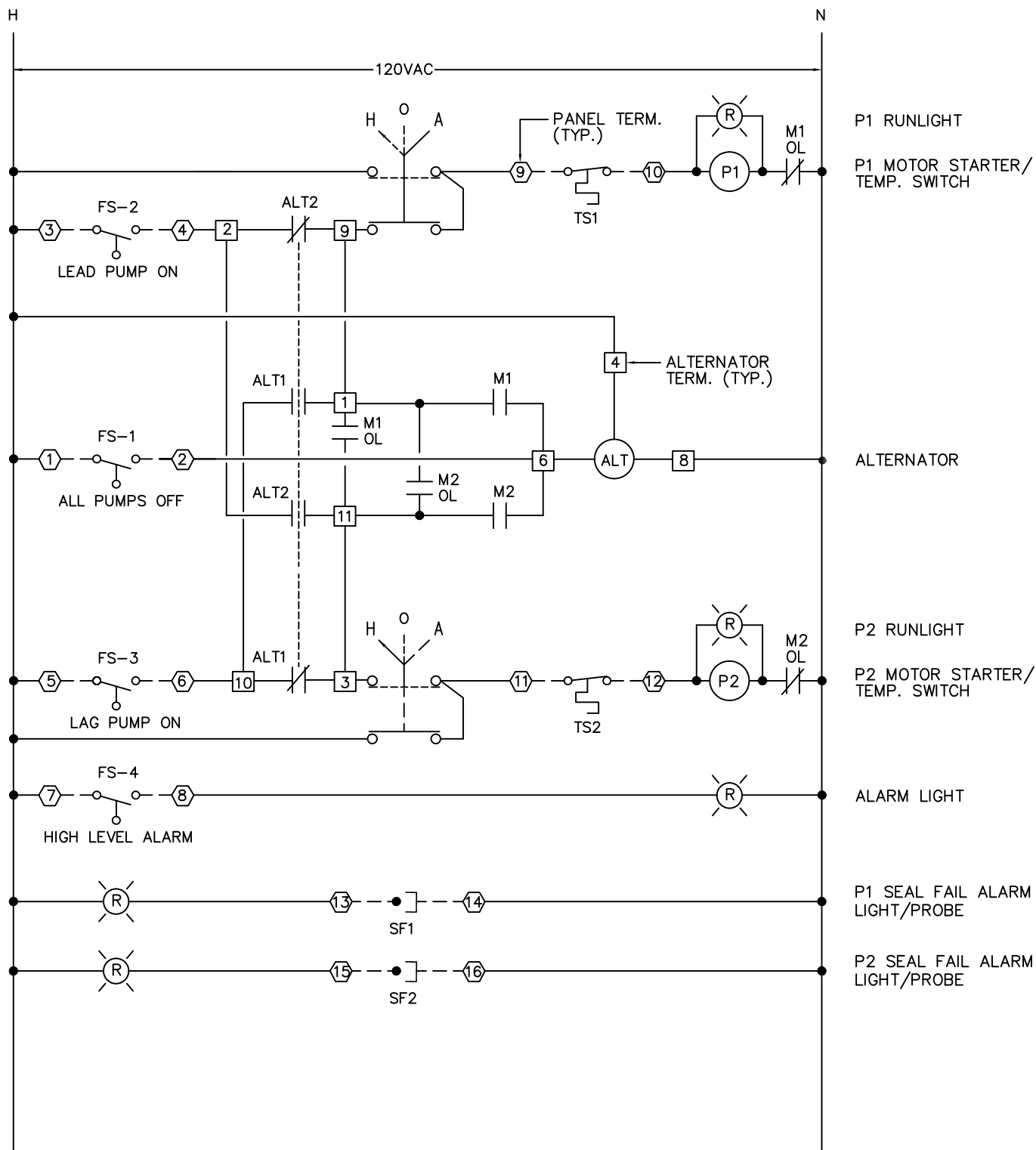
COX

Research and Technology, Inc.

P.O. Box 77808  
Baton Rouge, La.  
70879  
Ph. (225) 756-3271  
Fax (225) 755-1030

Purchase Order  
Number CP-1437

Sheet Number



	Drawing Title								
	CONTROL DIAGRAM								
DATE	7/29/02	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY		
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN	APPROVED			
	Project Title				BY	DATE			
	2 PUMP / 2 BLOWER CONTROL PANEL							PURCHASE ORDER NUMBER	
								DRAWING NUMBER	CP-1437
								SHEET NUMBER	3

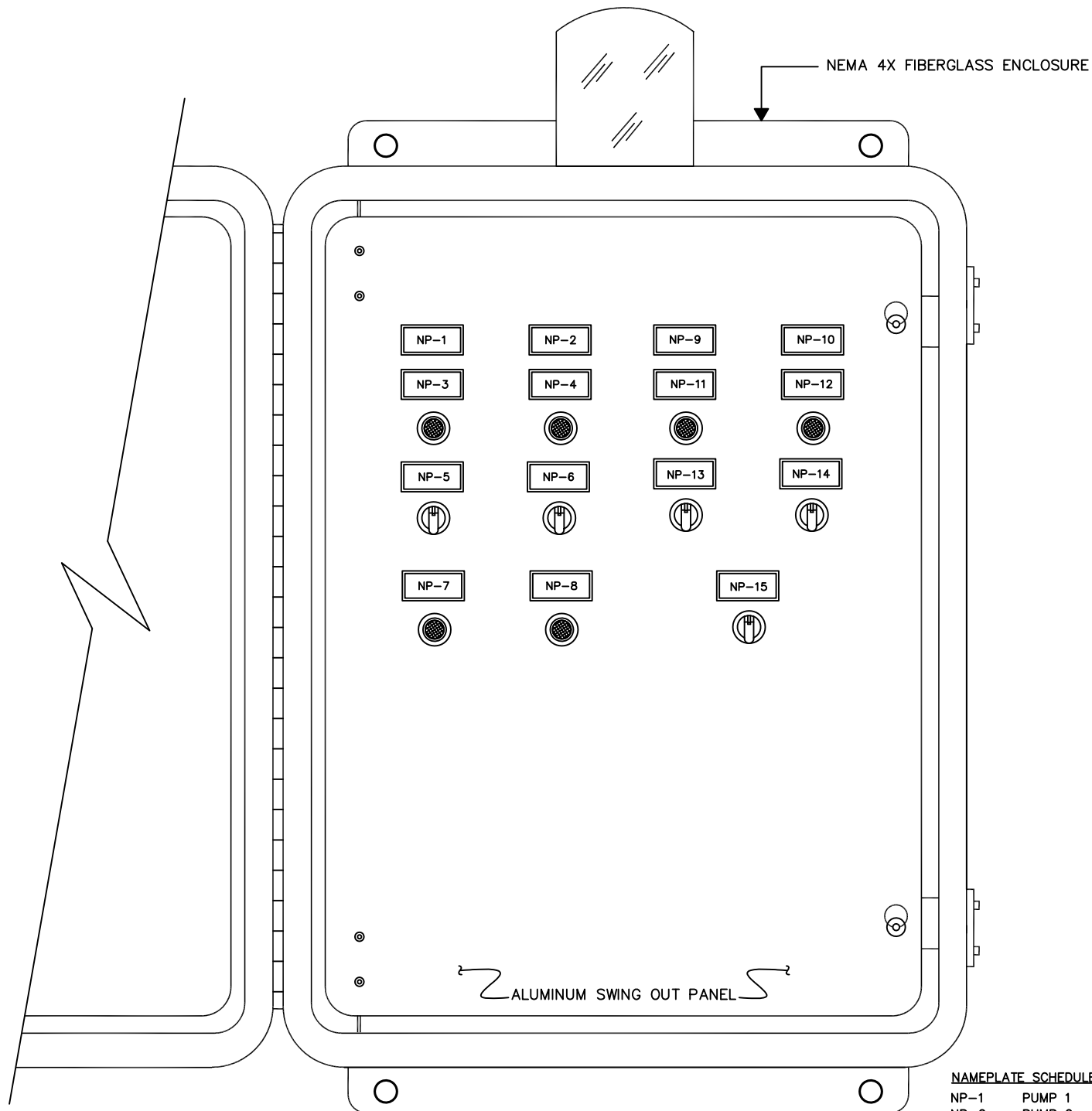
**COX**

Research and Technology, Inc.

P.O. Box 77808  
Baton Rouge, LA  
70809

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





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
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.

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	5/30/02	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY		
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN	APPROVED			
	Project Title				BY	CTR	BY	DATE	
	2 PUMP / 2 BLOWER CONTROL PANEL								PURCHASE ORDER NUMBER
									DRAWING NUMBER CP1437
									SHEET NUMBER 5

**COX**

Research and Technology, Inc.

P.O. Box 77808  
Baton Rouge, LA  
70809

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

## 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	Project Title / Tag	S/N	Sales Engineer C.C.	Application Engineer R.C.	By CTR	Drawn Date 7/29/02	Approved By Date
File Name	2 PUMP / 2 BLOWER CONTROL PANEL	<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 150px;"> <b>COX</b>  Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030		Purchase Order Number CP-1437  Sheet Number 6