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# COX

Research and Technology, Inc.

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CONTROL PANELS  
CPC  
MANY, LA

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

(QTY = 8)  
CP-1615

VOLTAGE	<hr/>	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	<hr/>	
NO. MOTORS	<hr/>	
HP	<hr/>	
FLA	<hr/>	
TYPE OF PUMP	<hr/>	
MANUFACTURER	<hr/>	
CATALOG NUMBER	<hr/>	
CONTROL VOLTAGE	<hr/>	120V (120V, Other)
ENCLOSURE	<hr/>	NEMA 4X (NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	<hr/>	Fiberglass (Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	<hr/>	
CAPACITORS	<hr/>	
CAPACITOR WIRING FIGURE	<hr/>	
THERM. & SEAL FAIL WIRING FIGURE	<hr/>	

OPTIONS:

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

SOLD TO: McInnis Brothers Construction, Inc.  
TAG : Many, LA  
CPC

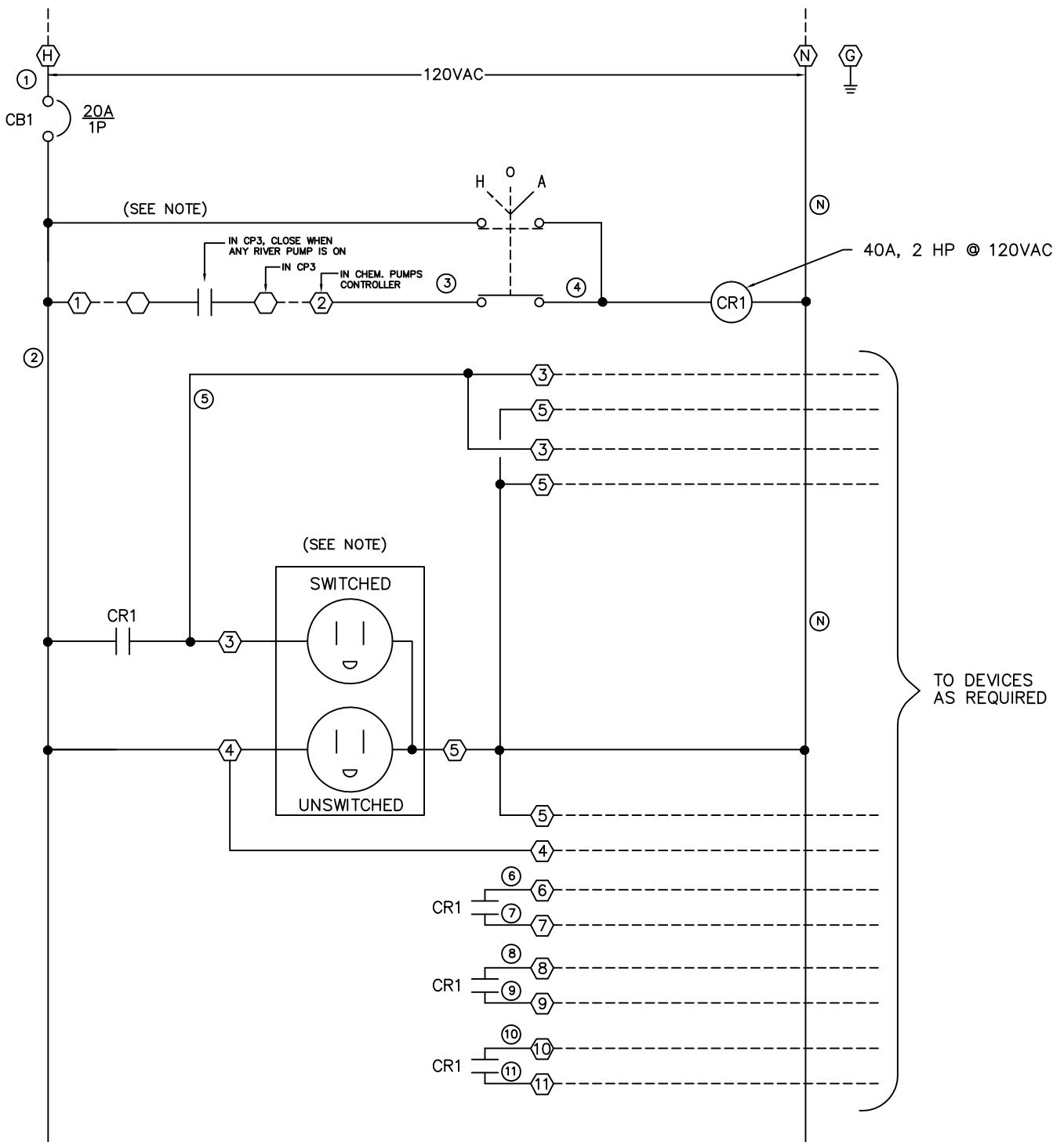
SHIP TO:  


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	Drawing Title									
	PANEL DESCRIPTION									
			REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY
DATE 7/23/03	S/N	Sales Engineer	Application Engineer		DRAWN			APPROVED		
	C.C.		R.C.	BY C. RACHAL	BY			BY	DATE	
	Project Title	<u>COX</u> Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, LA 70809		Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER		
	CONTROL PANELS CPC							DRAWING NUMBER		CP-1615
								SHEET NUMBER		1



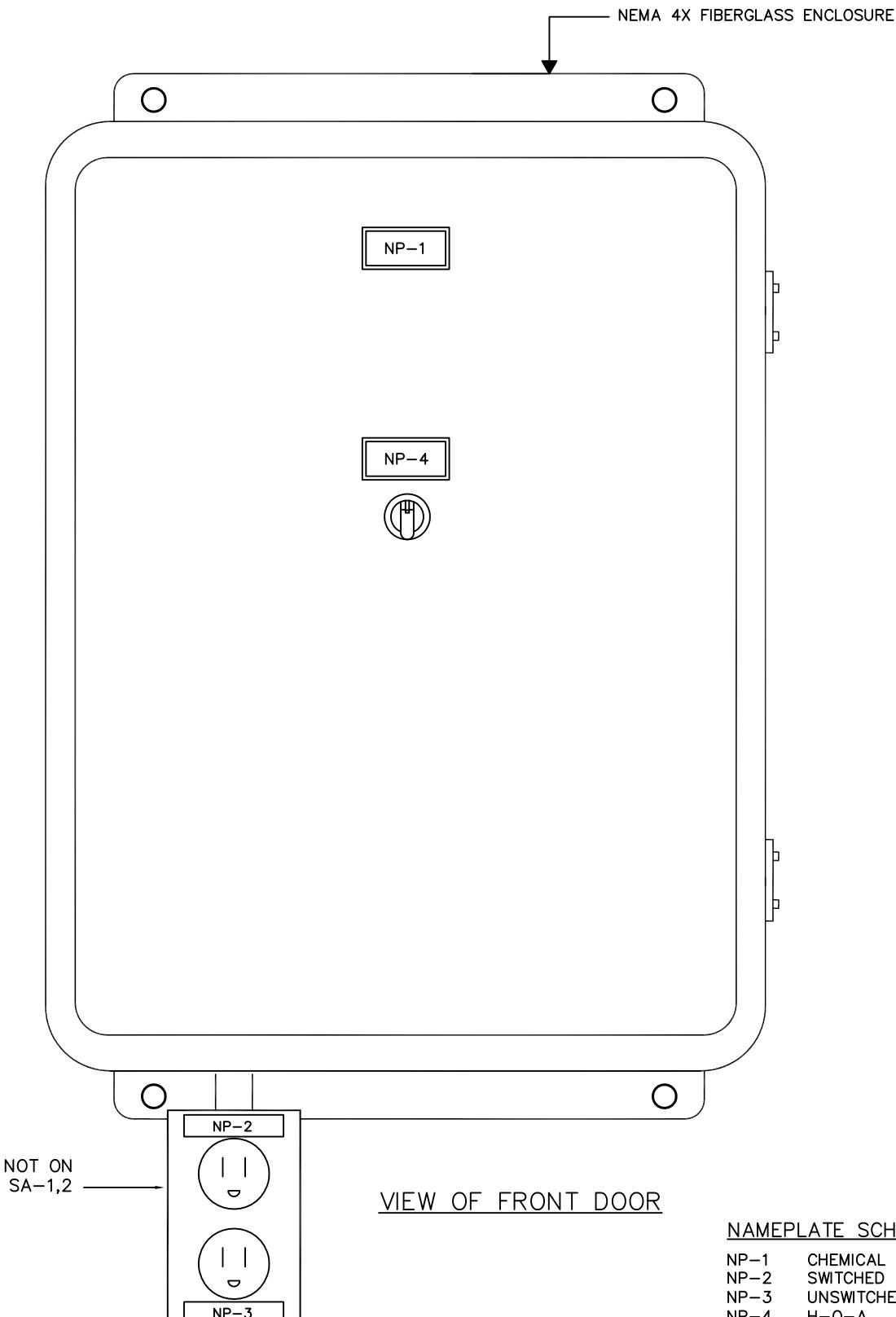
#### TERMINALS

- |       |                      |
|-------|----------------------|
| 3-5   | SWITCHED             |
| 4-5   | UNSWITCHED           |
| 6-7   | PILOT DUTY UNPOWERED |
| 8-9   | PILOT DUTY UNPOWERED |
| 10-11 | PILOT DUTY UNPOWERED |

#### NOTE:

PANELS FOR SA-1 & SA-2 TO HAVE  
30A CIRCUIT BREAKER AND NO RECEPTACLE

	Drawing Title					
	CONTROL DIAGRAM					
DATE 7/23/03	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE	BY
	Sales Engineer	Application Engineer R.C.			APPROVED	
	Project Title	<b>COX</b> Research and Technology, Inc.			PURCHASE ORDER NUMBER	
	CONTROL PANELS CPC				DRAWING NUMBER	CP-1615
					SHEET NUMBER	2



#### NAMEPLATE SCHEDULE

NP-1	CHEMICAL CONTROL PANEL
NP-2	SWITCHED
NP-3	UNSWITCHED
NP-4	H-O-A

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

	Drawing Title					
	ENCLOSURE					
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE BY
DATE 7/23/03	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED	
		C.C.	R.C.	BY C. RACHAL	BY	DATE
	Project Title	<hr/> <hr/> <hr/> <b>COX</b> <hr/> <hr/> <hr/> Research and Technology, Inc. <hr/> <hr/> <hr/>			PURCHASE ORDER NUMBER	
	CONTROL PANELS CPC				DRAWING NUMBER	CP-1615
					SHEET NUMBER	3

# BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	VYNCKIER	VJ1614HWPL	ENCLOSURE
1a	1	VYNCKIER	A1614MP	BACKPLATE
2	1	SQUARE D	QOU120	CB1
3	1	ABB	A26-30-10-84	CR1 40AMP CONTACTOR
4	1	AB	800H-JR2A	HOA SWITCH
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	Drawing Title					
	<b>BILL OF MATERIALS</b>					
DATE 7/23/03	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE APPROVED BY DATE	BY
Project Title <b>CONTROL PANELS CPC</b>	<b>COX</b> Research and Technology, Inc.			P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1615	
				Ph. (225)756-3271 Fax (225)756-1030	SHEET NUMBER 4	