
COX

Research and Technology, Inc.

DUPLEX BLOWER
CONTROL PANEL
WEYDERT HILL SUBDIVISION
ST. FRANCISVILLE

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

CP-1883

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	2	
HP	1	
FLA	8	
TYPE OF PUMP	Blower	(Self-Priming, Submersible)
MANUFACTURER		
CATALOG NUMBER		
CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	NEMA 3R	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	Stainless Steel	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	Clock	(Floats, Bubbler, Other)
CAPACITORS		(Yes, No)
CAPACITOR WIRING FIGURE		
THERM. & SEAL FAIL WIRING FIGURE		

OPTIONS:

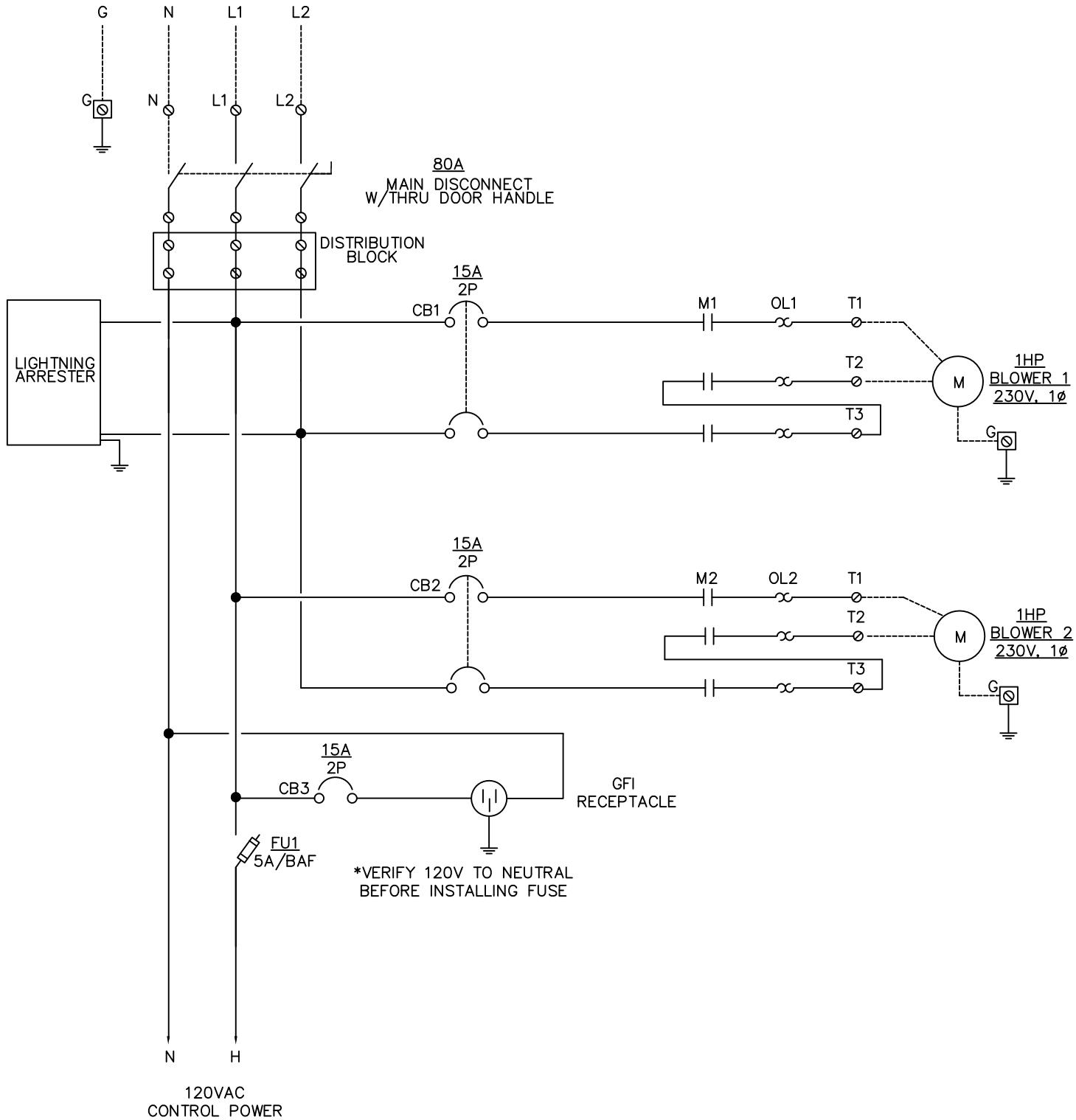
SEAL FAIL LIGHTS		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN		(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT		
LIGHT PANEL MTD		
LIGHT REMOTE MTD		
LIGHT FLASHER		
LIGHTNING ARRESTER	X	
ELAPSED TIME METER		
PHASE MONITOR	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

SOLD TO: ETEC
TAG : WEYDERT HILL SUBDIVISION
ST. FRANCISVILLE, LA

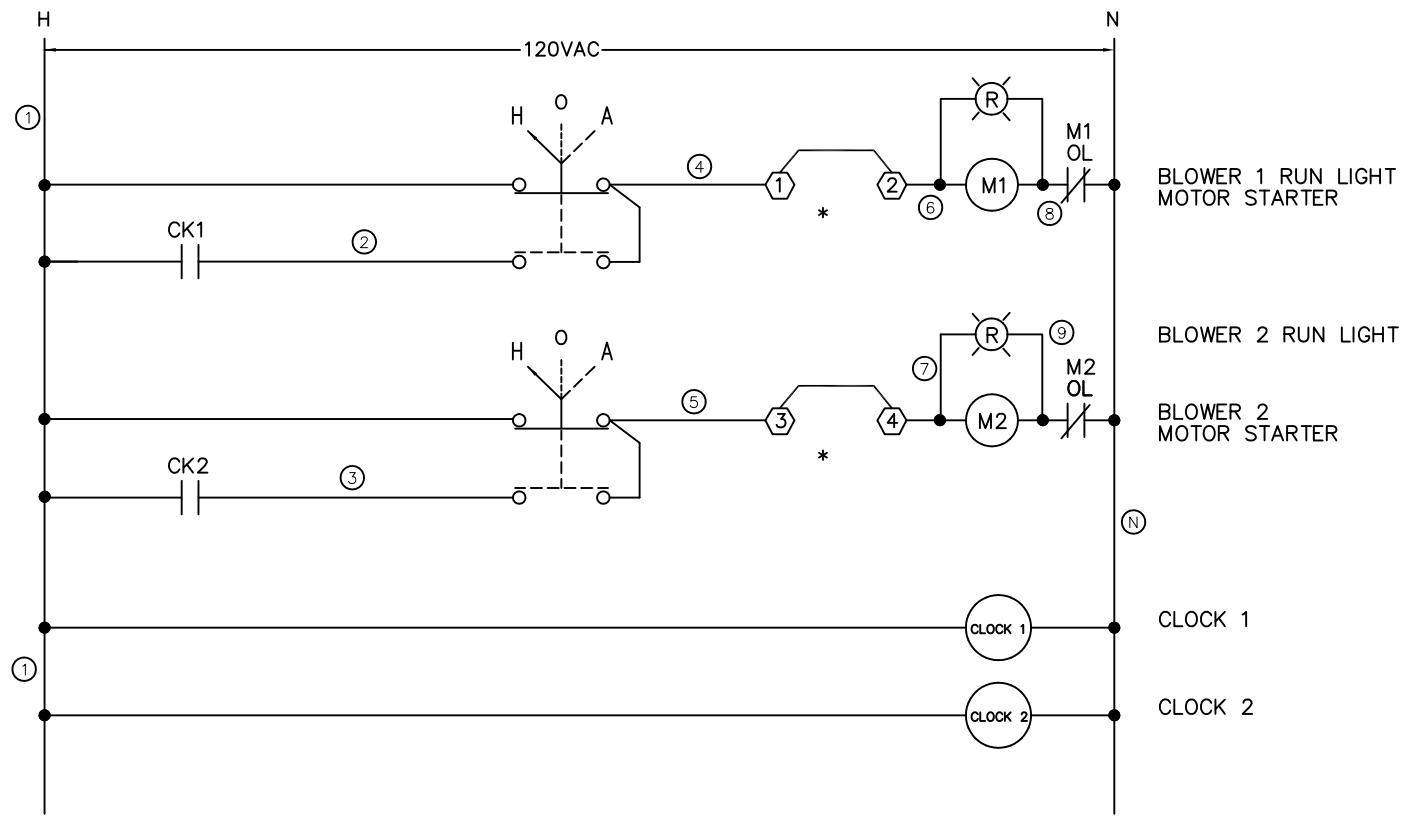
SHIP TO:

	Drawing Title PANEL DESCRIPTION								
		REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE	BY		
DATE 9/02/04	Project Title DUPLEX BLOWER CONTROL PANEL	<u> </u> COX Research and Technology, Inc. <u> </u>		P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER DRAWING NUMBER CP-1883			
				Ph. (225)756-3271 Fax (225)756-1030		SHEET NUMBER 1			

MAIN SERVICE
120/240V, 1Ø



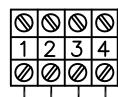
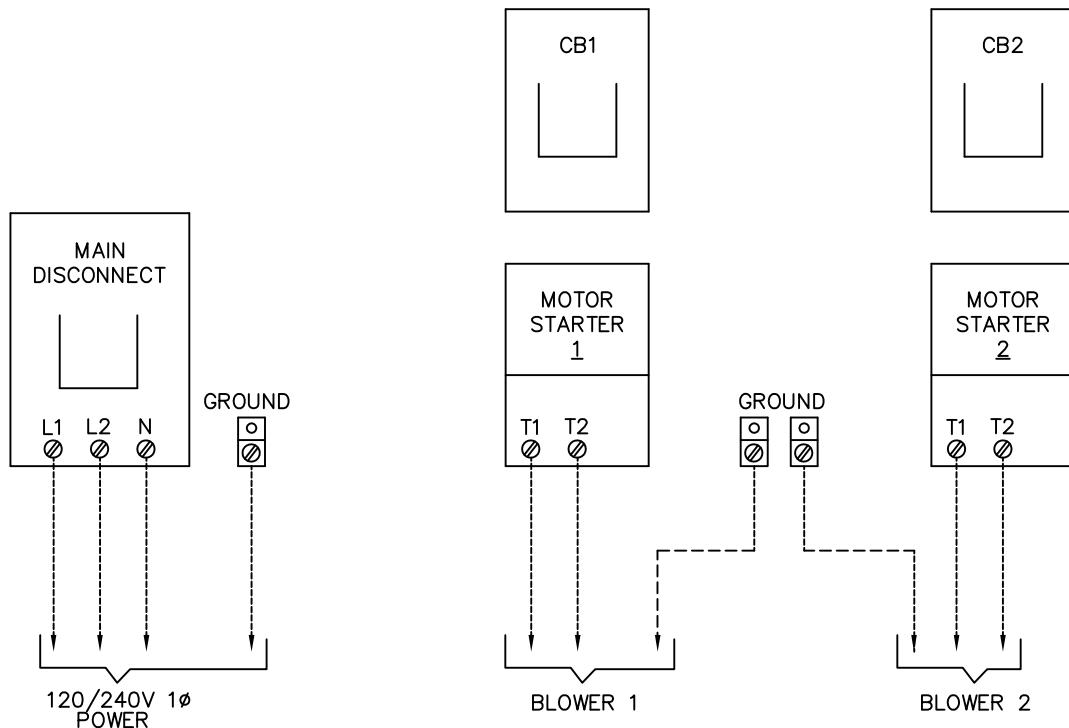
	Drawing Title POWER DIAGRAM				
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN APPROVED BY DATE
DATE 9/02/04		Application Engineer R.C.			
	Project Title DUPLEX BLOWER CONTROL PANEL		COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1883 SHEET NUMBER 2



PANEL IS DESIGNED TO RUN AERATORS
WITH A MINIMUM OF 15 MINUTES OF OFF TIME
BETWEEN ALTERNATION. PINS PUSHED IN
ON CLOCK INDICATE RUN TIME. PINS PUSHED OUT
INDICATE OFF TIME. EACH PIN IS EQUAL
TO 15 MINUTES.

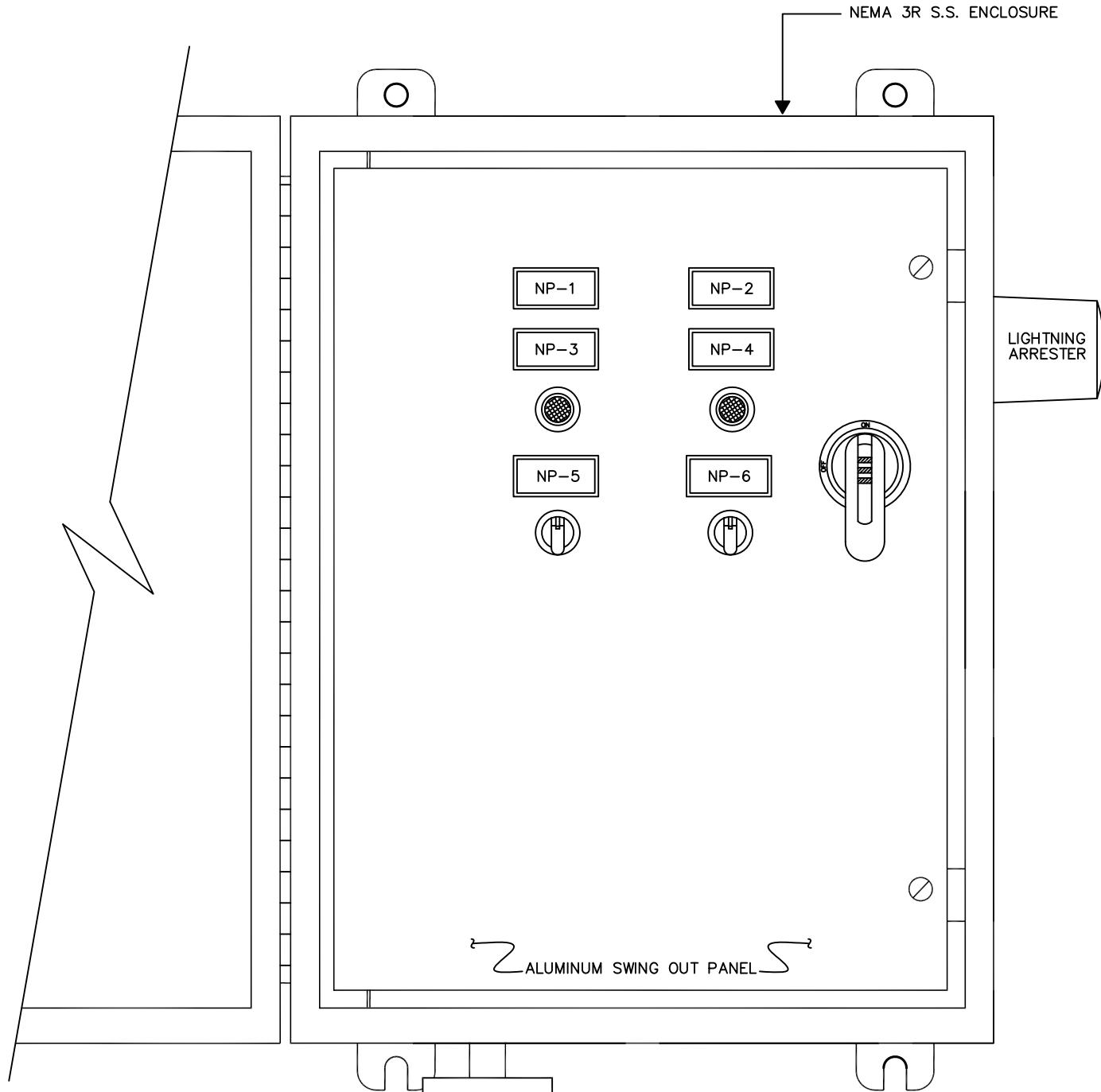
* REMOVE JUMPERS AND INSTALL LOCKOUT DEVICES IF REQUIRED

	Drawing Title					
	CONTROL DIAGRAM					
	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
DATE 9/02/04	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED	
		C.C.	R.C.	BY C. RACHAL	BY	DATE
	Project Title	<hr/> <hr/> <hr/> COX <hr/> <hr/>			PURCHASE ORDER NUMBER	
	DUPLEX BLOWER CONTROL PANEL	Research and Technology, Inc.			DRAWING NUMBER CP-1883	
					SHEET NUMBER 3	



REMOVE JUMPERS & INSTALL
LOCKOUT DEVICES IF REQUIRED

	Drawing Title					
	EXTERNAL CONNECTIONS					
DATE 9/02/04	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY C. RACHAL	DATE APPROVED BY DATE	BY
	Project Title DUPLEX BLOWER CONTROL PANEL	COX Research and Technology, Inc.			PURCHASE ORDER NUMBER P.O. Box 77808 Baton Rouge, LA 70809 DRAWING NUMBER CP-1883 Ph. (225)756-3271 Fax (225)756-1030	SHEET NUMBER 4



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

	Drawing Title					
	ENCLOSURE					
DATE 9/02/04	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		P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER		
	DUPLEX BLOWER CONTROL PANEL	COX Research and Technology, Inc.	Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1883		
				SHEET NUMBER		
						5

BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	S242010REPL	ENCLOSURE
2	1	EBE	A2420P	BACKPLATE
3	1	EBE	A2420SP	DEAD FRONT
4	2	ABB	A16-30-10-84	STARTER
5	2	ABB	TA25DU11	O.L. (7.5-11A)
6	1	ABB	OT63E3	DISC. SWITCH
7	1	ABB	OHB45J5	HANDLE
8	1	ABB	OXF5X265	SHAFT
9	2	ACI	JR22P3M20B	H.O.A. SWITCH
10	2	ACI	JR22FR	RED PILOT LIGHTS
11	2	DIEHL	2A519	TIMER W/BATT BACKUP
12	1	DELTA	LA302	LIGHTNING ARRESTER
13	1	SQUARE D	QOU215	CB1,2
14	1	SQUARE D	QOU115	CB3
15	1	STOCK		GFI RECEPTACLE
16				

	Drawing Title								
	BILL OF MATERIALS								
DATE 9/02/04	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE BY		
	S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED			
			C.C.	R.C.	BY C. RACHAL	BY DATE			
	Project Title		<hr/> <hr/> COX <hr/> <hr/> Research and Technology, Inc. <hr/> <hr/>		P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER			
	DUPLEX BLOWER CONTROL PANEL				DRAWING NUMBER		CP-1883		
					SHEET NUMBER		6		