
COX

Research and Technology, Inc.

CONTROL PANEL 2
BOOSTER PUMP STATION
MANY, LA

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

CP-1609

VOLTAGE	_____	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	_____	
NO. MOTORS	_____	
HP	_____	
FLA	_____	
TYPE OF PUMP	_____	(Self-Priming, Submersible)
MANUFACTURER	_____	
CATALOG NUMBER	_____	
CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	NEMA 4X	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	Stainless Steel	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	_____	(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	_____	
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	_____	

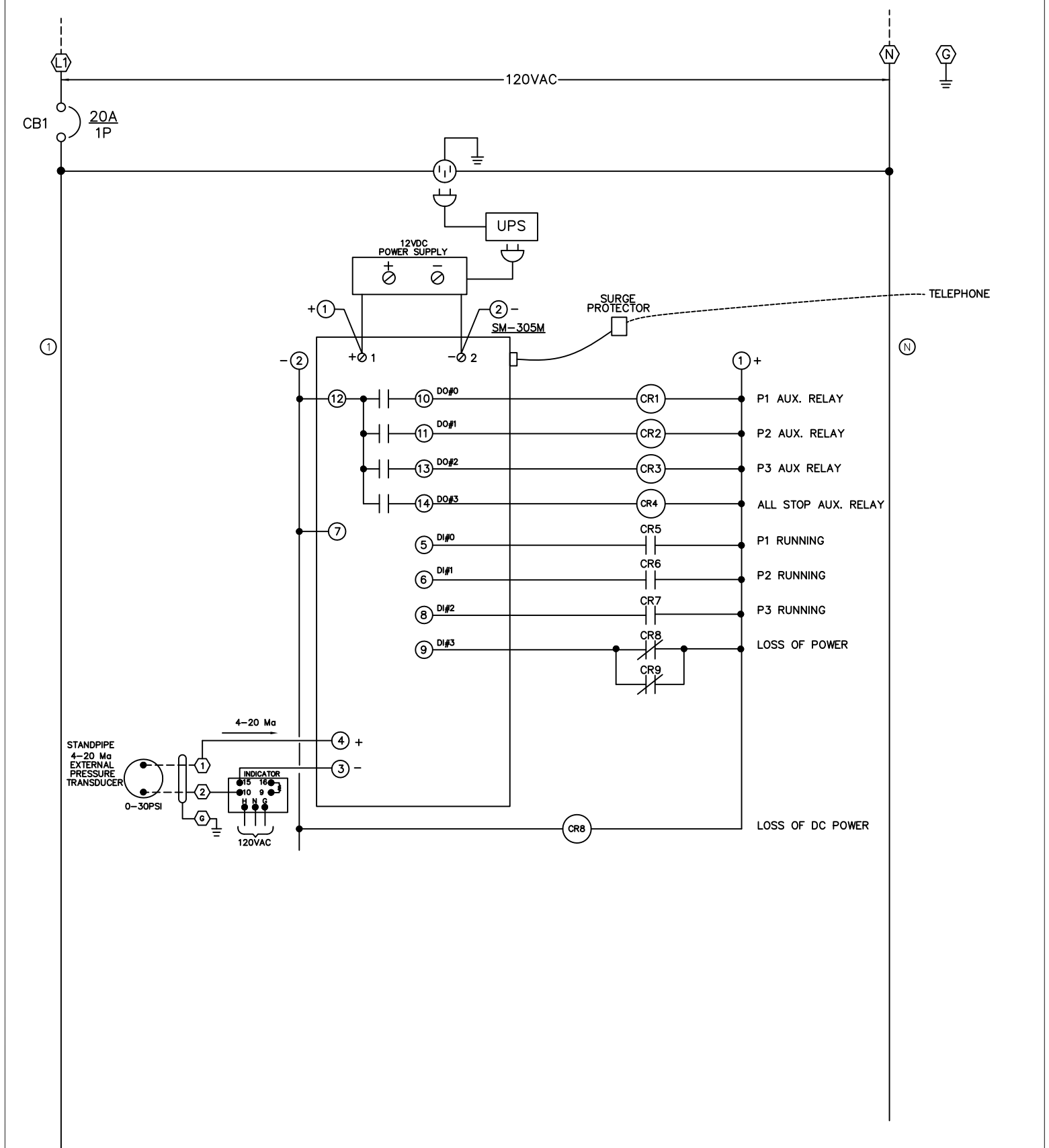
SOLD TO: McInnis Brothers Construction, Inc.

TAG : Many, LA

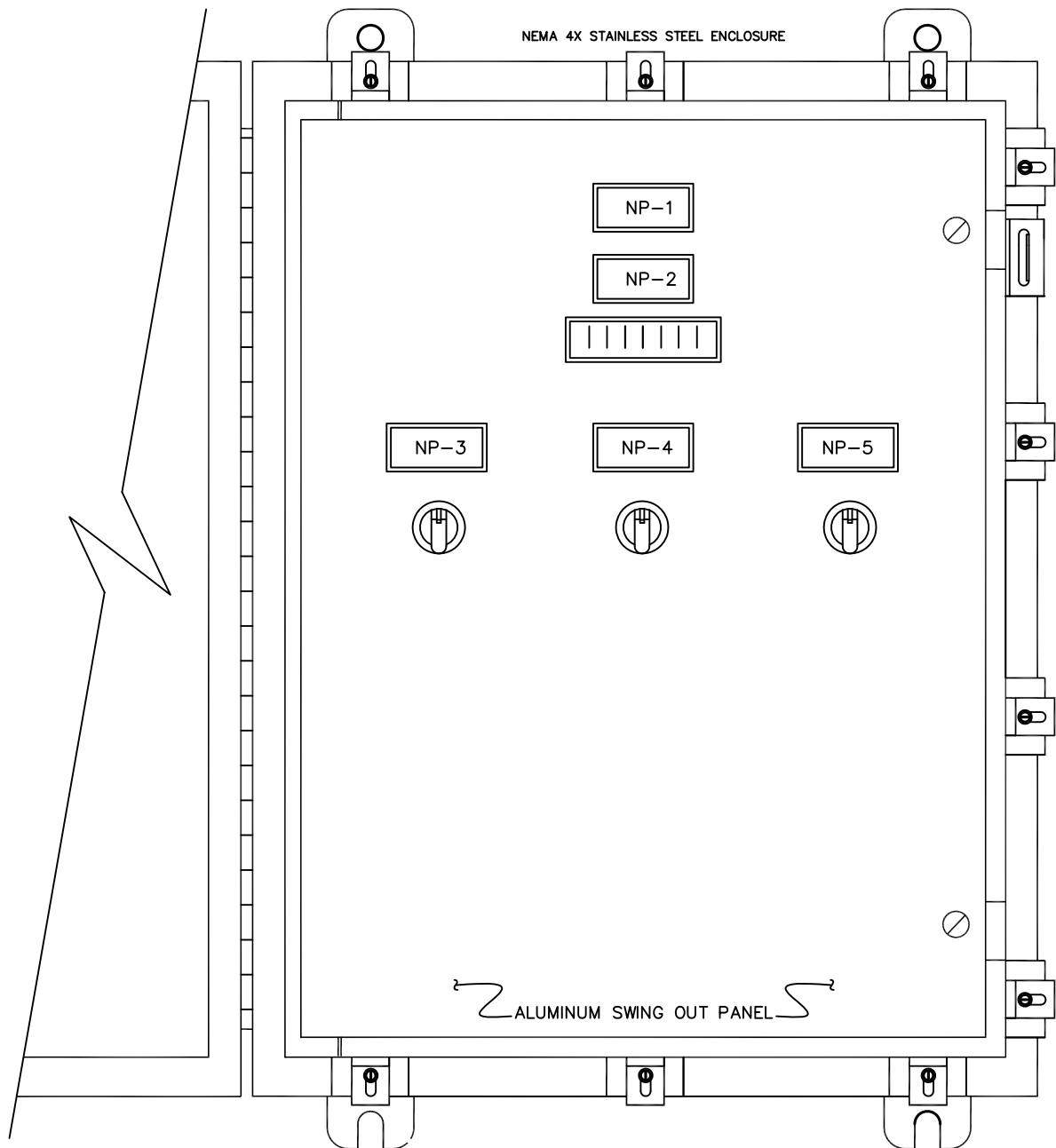
Booster Pump Station

SHIP TO: _____

	Drawing Title						
	PANEL DESCRIPTION						
DATE 7/21/03		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED BY	DATE
	CONTROL PANEL 2	<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-1609							
SHEET NUMBER 1							



	Drawing Title								
	CONTROL DIAGRAM								
DATE	7/21/03	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY	APPROVED	
		S/N	Sales Engineer C.C.	Application Engineer R.C.	BY C. RACHAL	BY	DATE		
	Project Title	COX			P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER			
	CONTROL PANEL 2	Research and Technology, Inc.			Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1609			
						SHEET NUMBER 2			



NAMEPLATE SCHEDULE

NP-1 - BOOSTER PUMPS CONTROL PANEL
NP-2 - STAND PIPE LEVEL

NP-3 - BP1 CONTROL
LOCAL START/STOP LOCAL & REMOTE START/STOP

NP-4 - BP2 CONTROL
LOCAL START/STOP LOCAL & REMOTE START/STOP

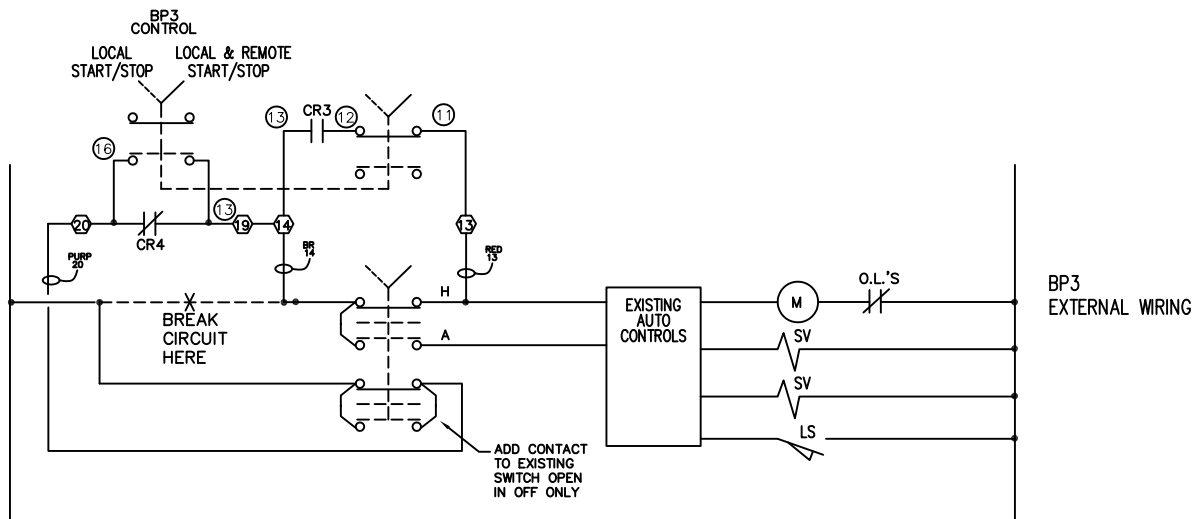
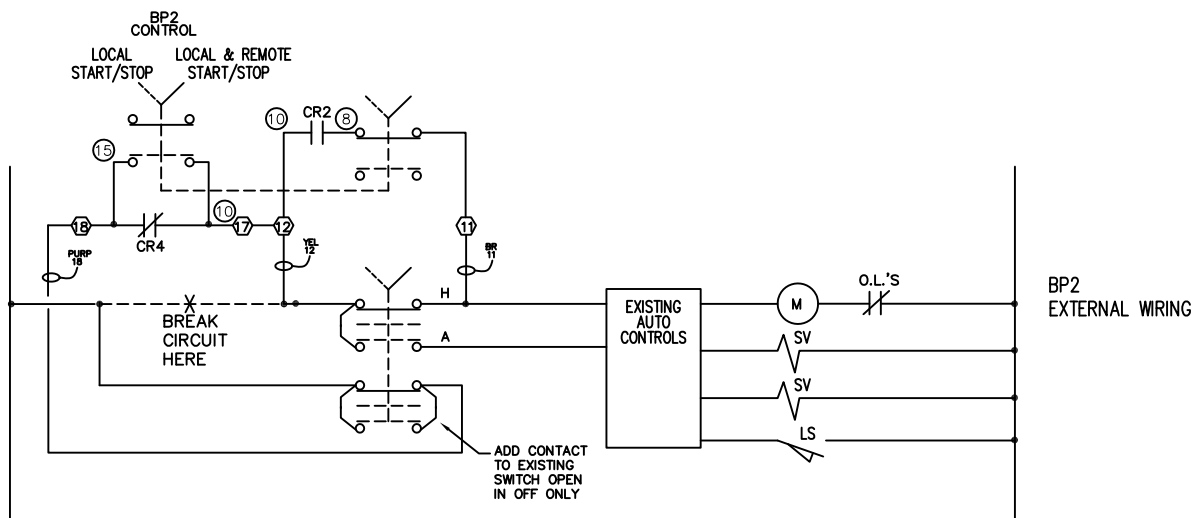
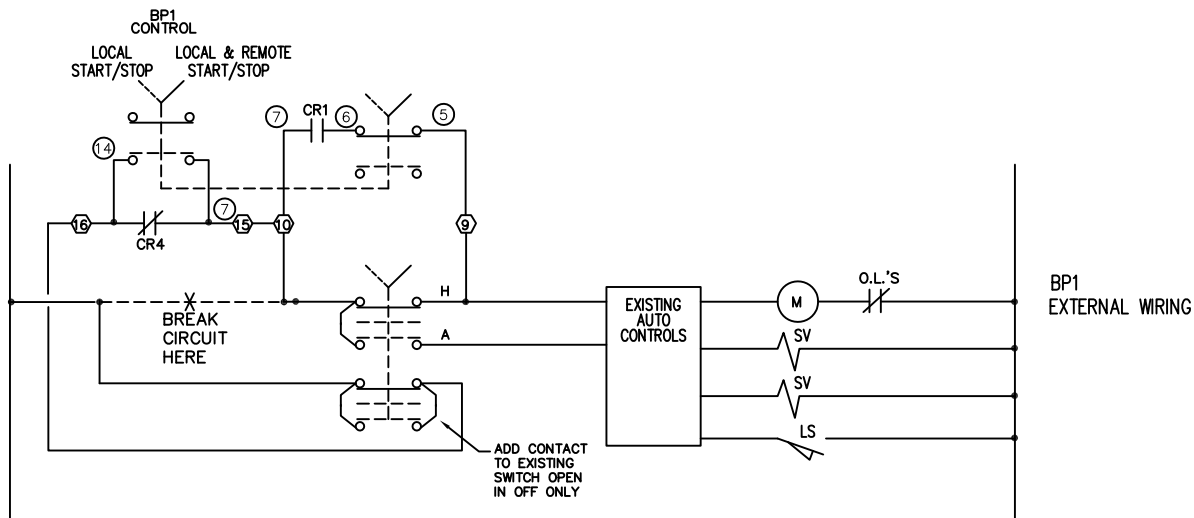
NP-5 - BP3 CONTROL
LOCAL START/STOP LOCAL & REMOTE START/STOP

	Drawing Title							
	ENCLOSURE							
DATE 7/21/03		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN BY	DATE DATE	BY
	Project Title				P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER		
	CONTROL PANEL 2	COX Research and Technology, Inc.			Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1609		
						SHEET NUMBER 4		

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	S242010N4X	ENCLOSURE
1a	1	EBE	A2420P	BACKPLATE
1b	1	EBE	S2420SP	DEAD FRONT
2	3	AB	800H-HR2A	HR SWITCH (2 POSITION)
3	1	NBT	SM305/1481,1475	TELEPHONE MODEM
4	1	NBT	NBTPS	12VDC POWER SUPPLY
5	1	APC	350	UPS
6	4	OMRON	G2R2SDC12	CR1-3,8
7	4	OMRON	G2R2SAC120	CR5-7,9
8	1	OMRON	MY4INDC12	CR4
9	1	NBT	NBTSP	TELEPHONE SURGE PROTECTOR
10	1	SQUARE D	QOU120	MAIN CIRCUIT BREAKER
11	1	MOORE INDUSTRIES	330R	DIGITAL INDICATOR
12	1	ROSEMOUNT	3051	PRESSURE TRANSDUCER
13	3	AB		SPARE CONTACTS
14				
15				
16				
17				
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19				
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21				
22				
23				
24				

	Drawing Title						
	<h2 style="margin: 0;">BILL OF MATERIALS</h2>						
DATE 7/21/03		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE
	Project Title	<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 150px;"> <h1 style="margin: 0;">COX</h1> <p style="margin: 0;">Research and Technology, Inc.</p> </div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER DRAWING NUMBER CP-1609 SHEET NUMBER
	<h2 style="margin: 0;">CONTROL PANEL 2</h2>	5					



EXTERNAL WIRING

	Drawing Title								
	CONTROL DIAGRAM								
DATE	7/21/03	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY	APPROVED	
		S/N	Sales Engineer C.C.	Application Engineer R.C.	BY C. RACHAL				
	Project Title							PURCHASE ORDER NUMBER	
	CONTROL PANEL 2							DRAWING NUMBER CP-1609	
								SHEET NUMBER	6

COX

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