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

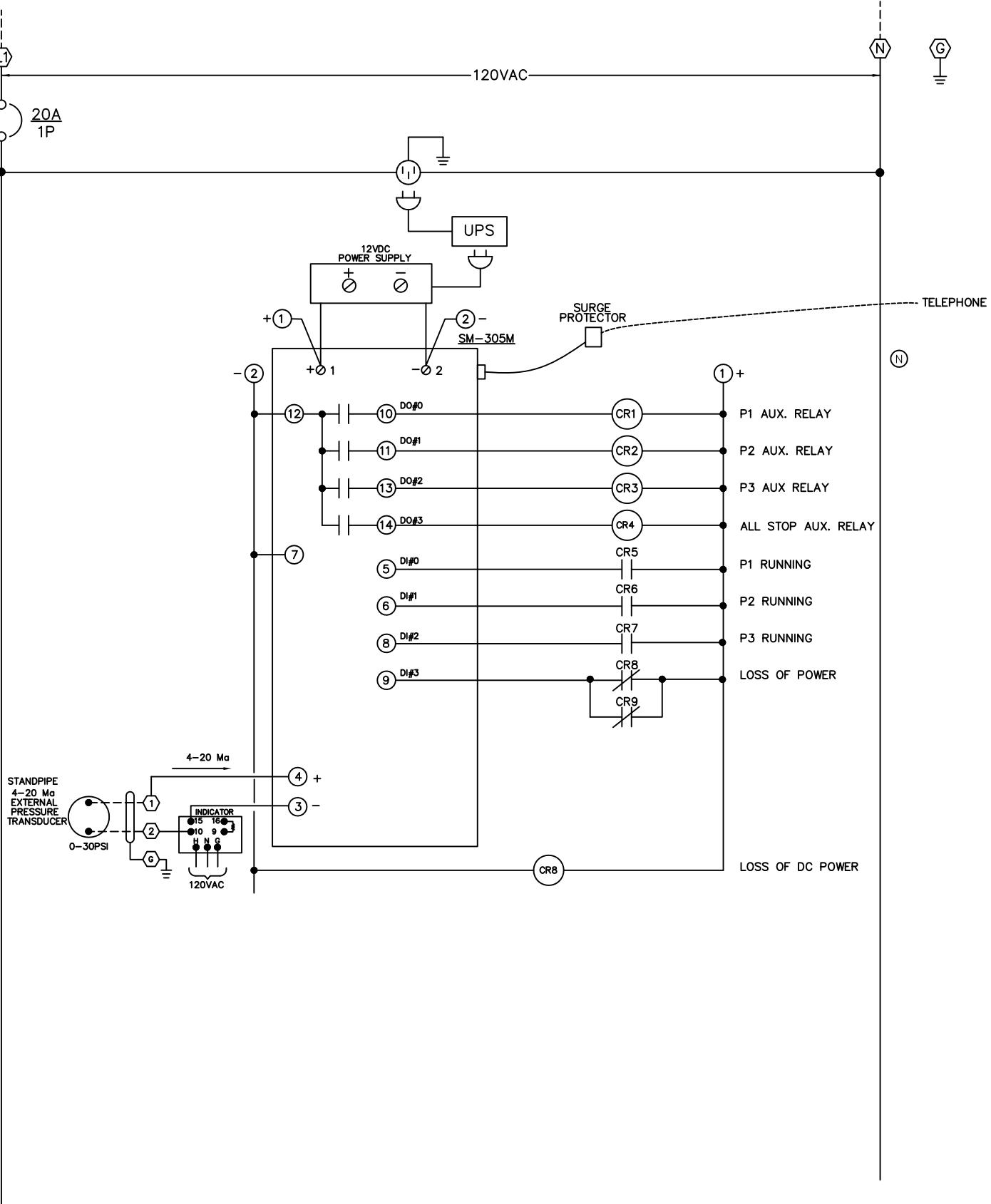
OPTIONS:

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/>	

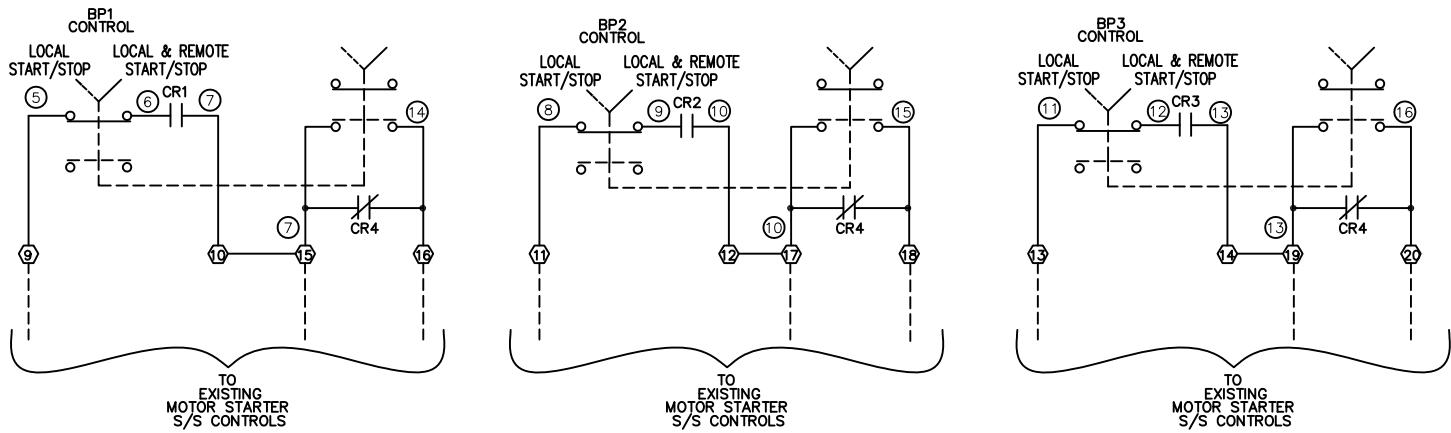
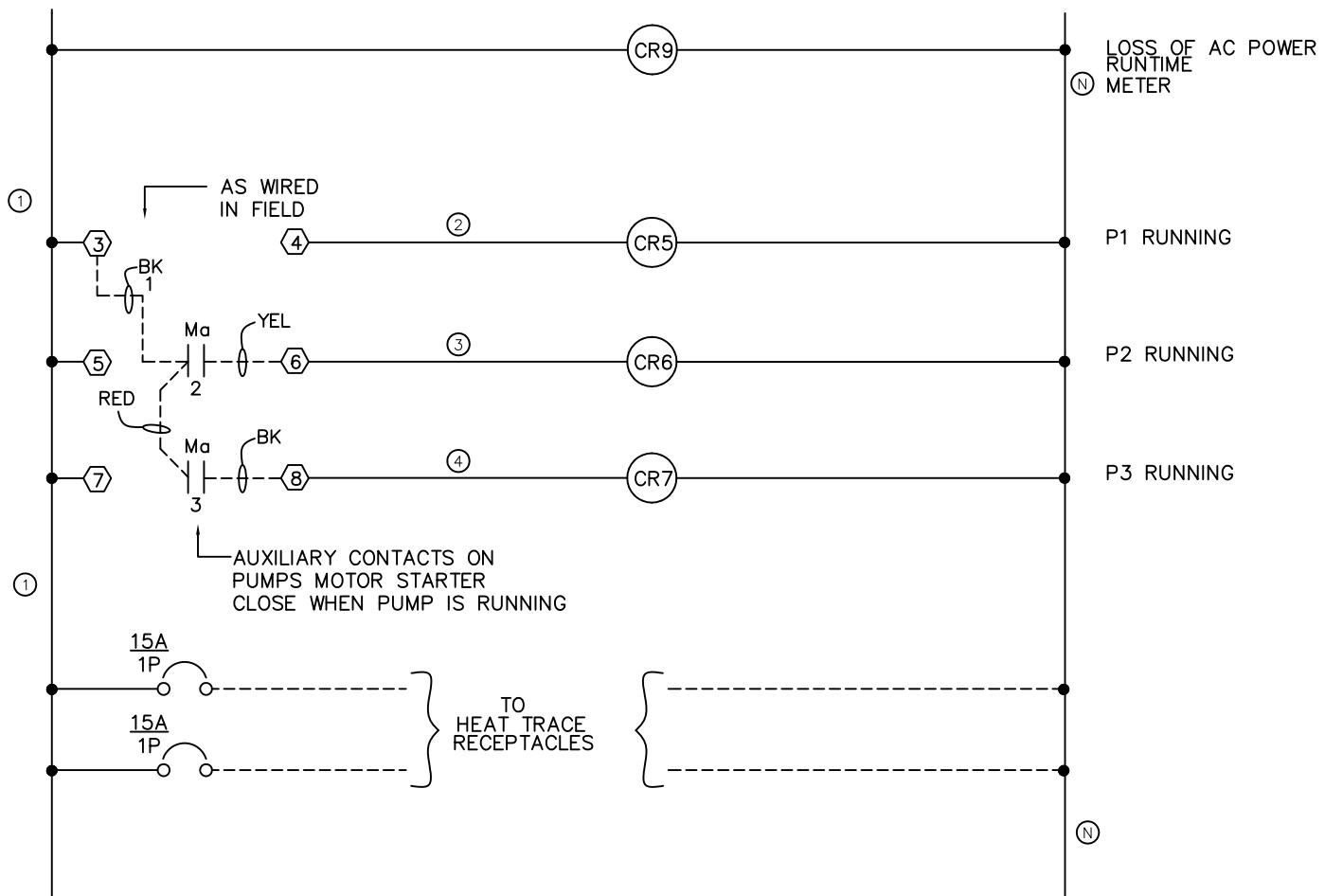
SOLD TO: McInnis Brothers Construction, Inc.
TAG : Many, LA
Booster Pump Station

SHIP TO:

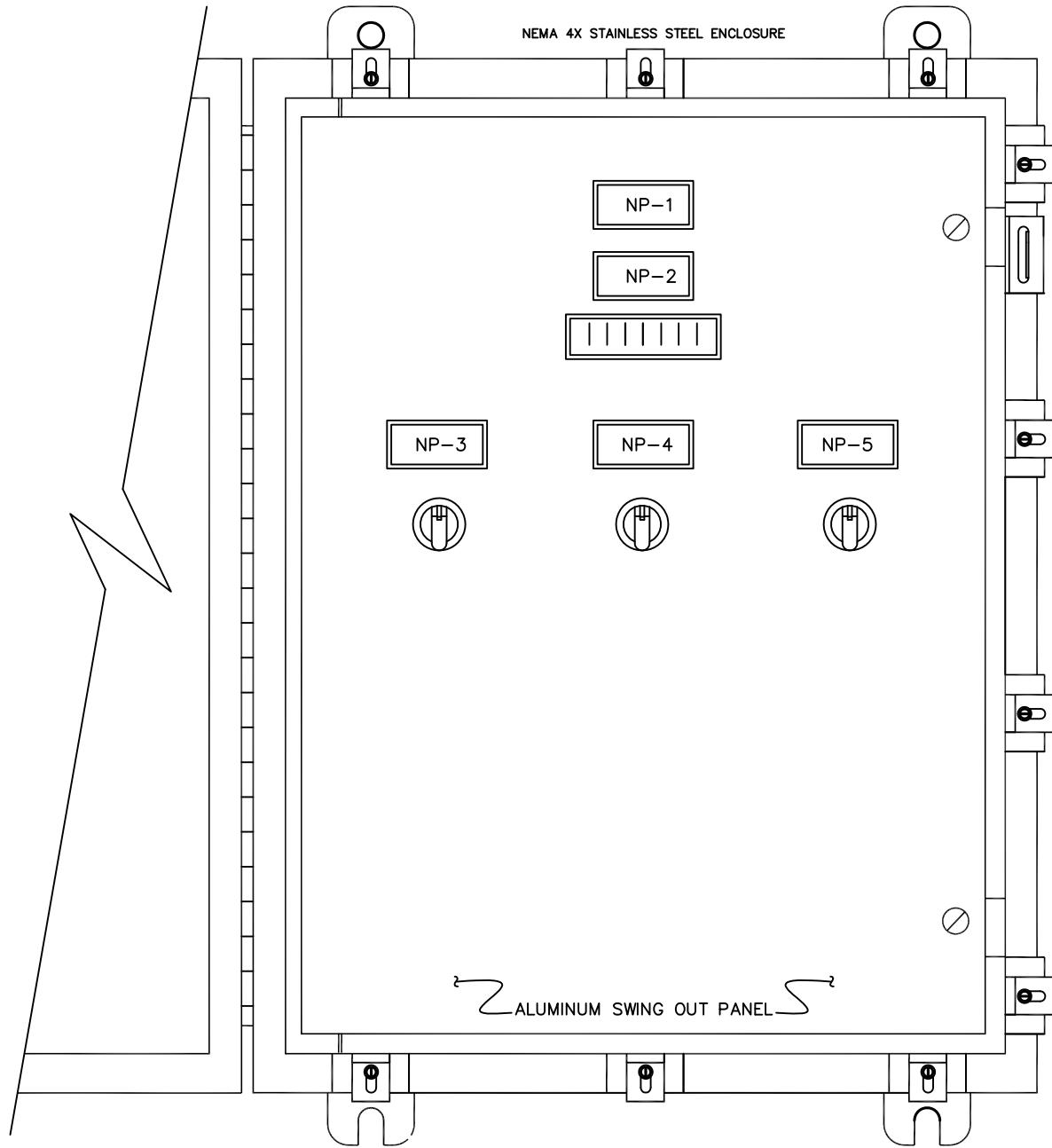
	Drawing Title									
	PANEL DESCRIPTION									
DATE 7/21/03			REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE	BY		
	Project Title CONTROL PANEL 2				P.O. Box 77808 Baton Rouge, LA 70809				PURCHASE ORDER NUMBER	
					Ph. (225)756-3271 Fax (225)756-1030				DRAWING NUMBER CP-1609	
									SHEET NUMBER 1	



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



	Drawing Title				
	CONTROL DIAGRAM				
DATE 7/21/03	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE APPROVED BY DATE
Project Title CONTROL PANEL 2	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-1609 SHEET NUMBER 3		



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

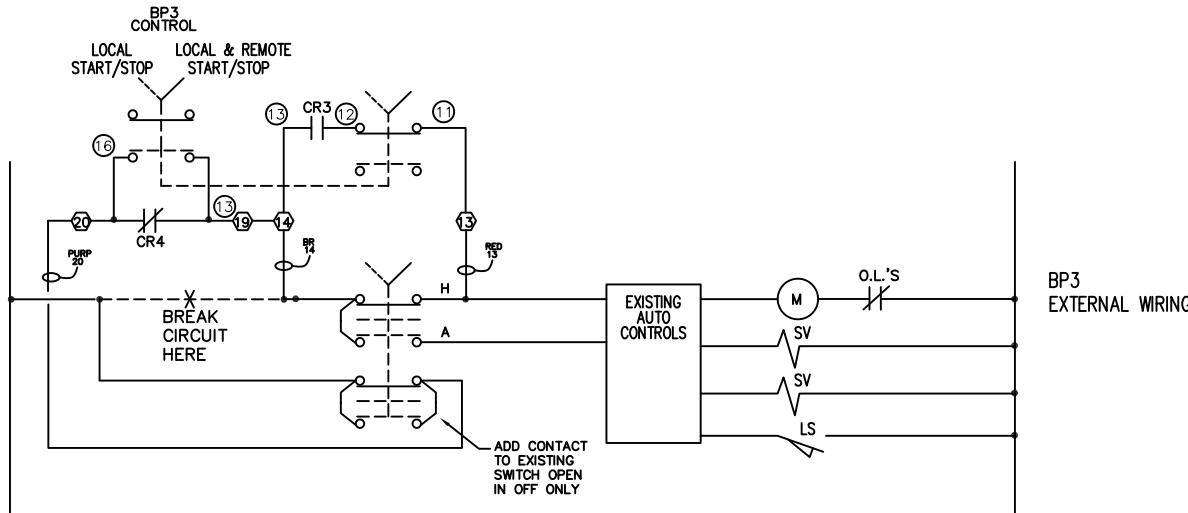
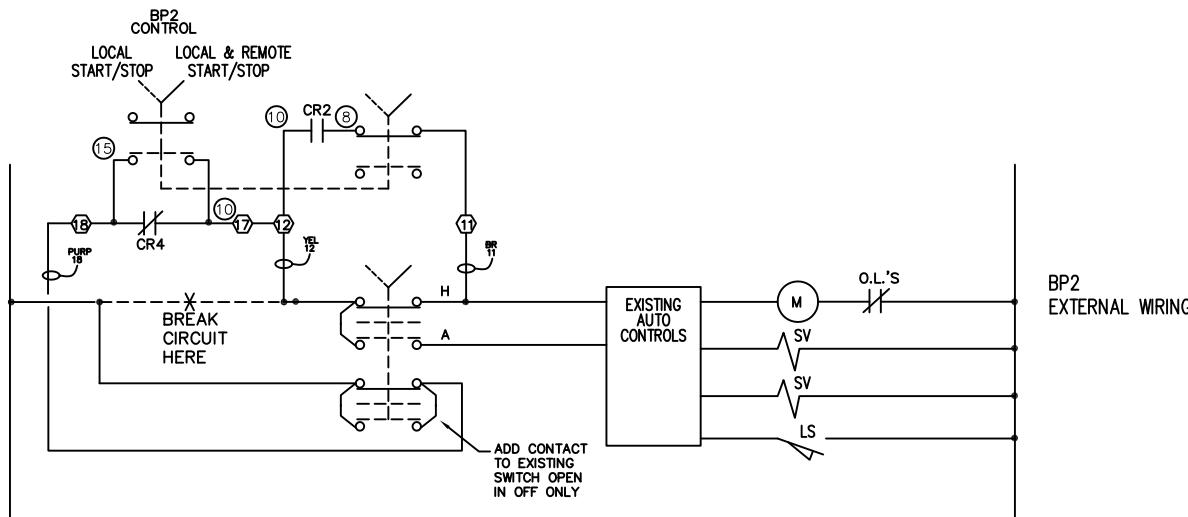
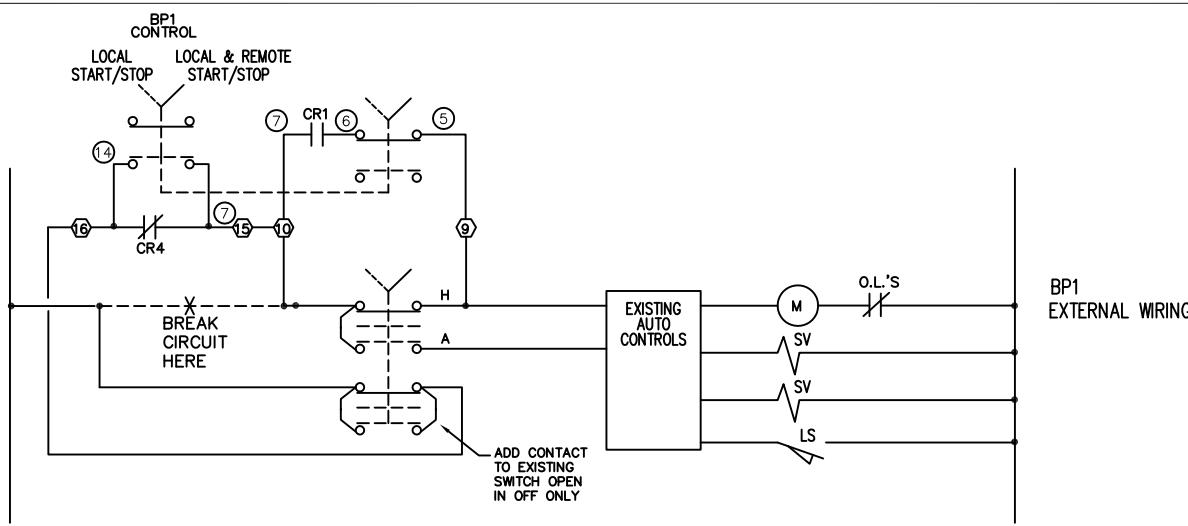
LOCAL START/STOP LOCAL & REMOTE START/STOP

	Drawing Title ENCLOSURE					
DATE 7/21/03	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE	BY
Project Title CONTROL PANEL 2	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-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				
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	Drawing Title								
	BILL OF MATERIALS								
			REFERENCE DRAWING		NO.	REVISION-LOCATION	ECN	DATE	BY
DATE 7/21/03			S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED		
				C.C.	R.C.	BY C. RACHAL	BY	DATE	
	Project Title		 COX <small>Research and Technology, Inc.</small>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030			
	CONTROL PANEL 2								



EXTERNAL WIRING

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