
COX

Research and Technology, Inc.

CONTROL PANEL 3
RIVER PUMP STATION
(IN CONTROL ROOM)
MANY, LA

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

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, Other)
ENCLOSURE	<hr/>	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	<hr/>	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	<hr/>	(Floats, Bubbler, Other)
CAPACITORS	<hr/>	(Yes, No)
CAPACITOR WIRING FIGURE	<hr/>	
THERM. & SEAL FAIL WIRING FIGURE	<hr/>	

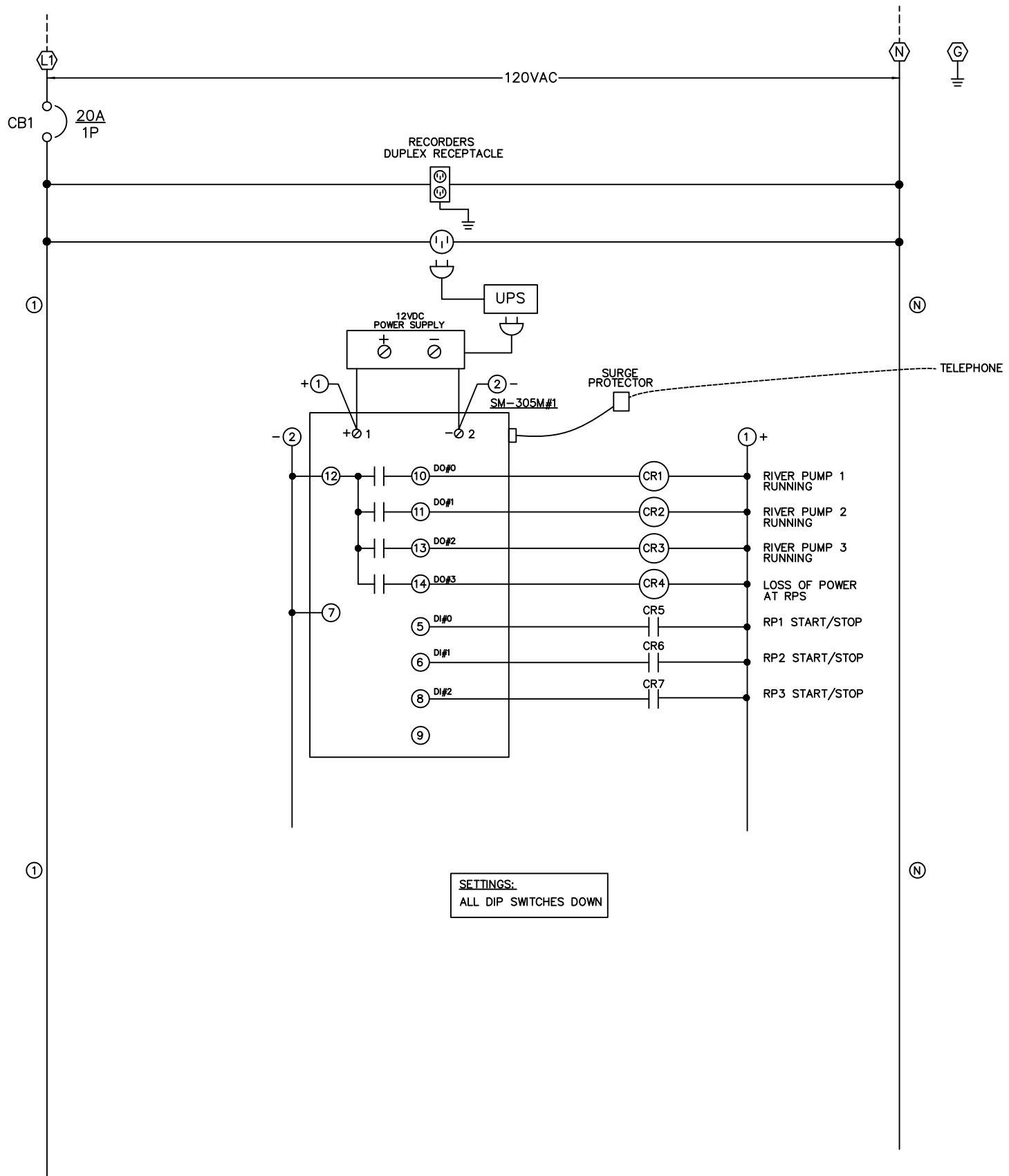
OPTIONS:

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	_____	

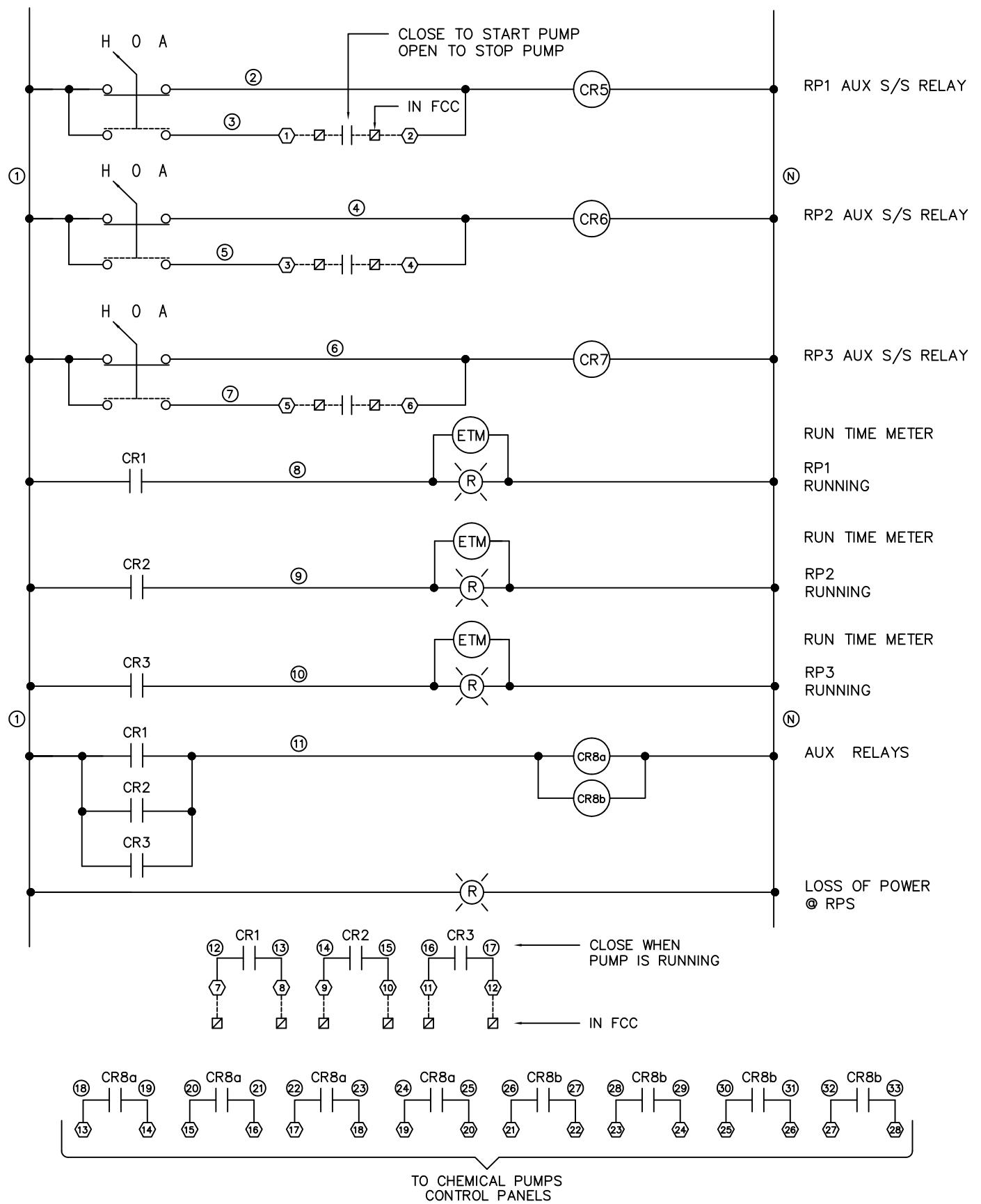
SOLD TO: McInnis Brothers Construction, Inc.
TAG : Many, LA
River Pump Station

SHIP TO: _____

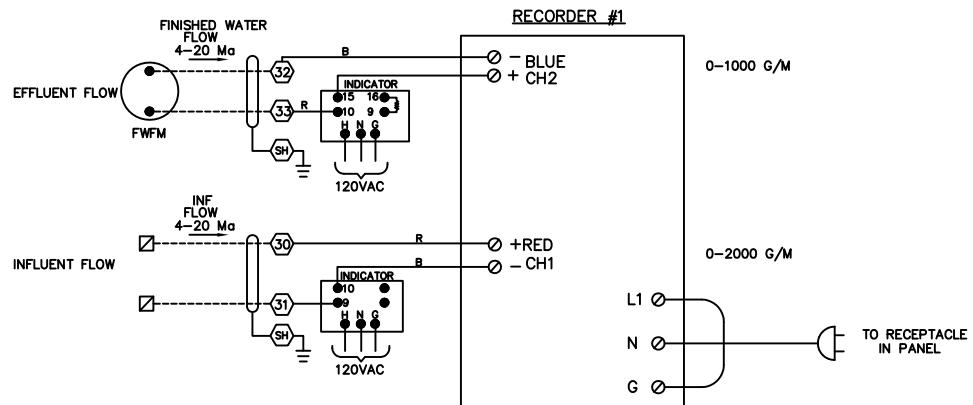
	Drawing Title PANEL DESCRIPTION DATE 7/21/03						
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED BY	DATE
	Project Title CONTROL PANEL 3	COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER			
			Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1610			
				SHEET NUMBER 1			



	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 3	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-1610 SHEET NUMBER 2		

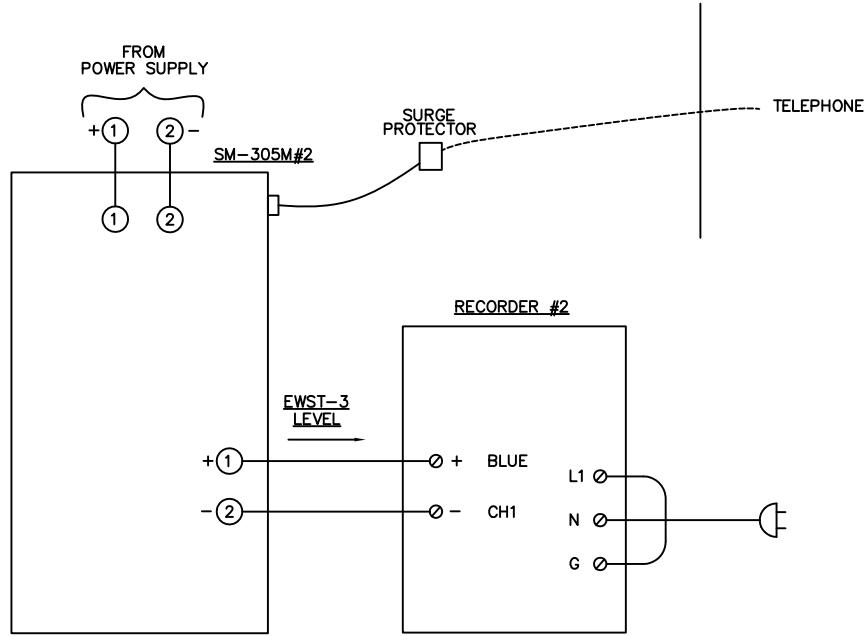


	Drawing Title							
	CONTROL DIAGRAM							
DATE 7/21/03	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DRAWN BY C. RACHAL	DATE APPROVED BY DATE		
Project Title CONTROL PANEL 3	COX Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1610 SHEET NUMBER 3				



TOTALIZERS:
MANTISSA = 6
EXP. = 4
READS 1 CLICK/1000 GAL.

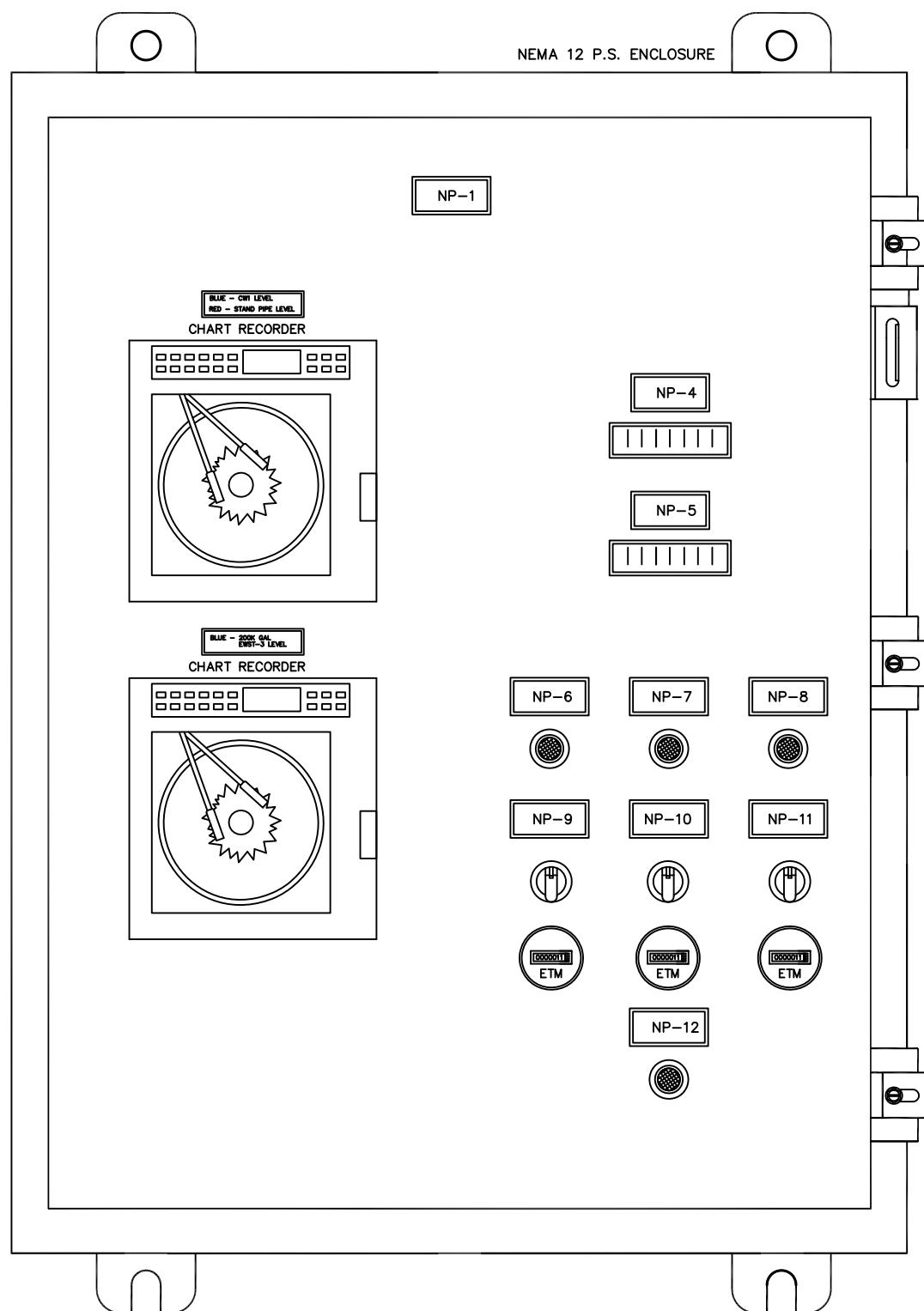
	Drawing Title					
	CONTROL DIAGRAM					
DATE 7/21/03	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN Application Engineer R.C.	ECN	DATE	BY
	Project Title CONTROL PANEL 3	COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1610 SHEET NUMBER 4		



SETTINGS:
NONE REQUIRED

	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 3	COX Research and Technology, Inc.			PURCHASE ORDER NUMBER	
				DRAWING NUMBER	CP-1610
				SHEET NUMBER	5

NEMA 12 P.S. ENCLOSURE



NAMERATE SCHEDULE

NP-1 - RIVER PUMP STATION CONTROL PANEL CP3
 NP-2 - RED PEN - INFLUENT FLOW
 NP-3 - BLUE PEN - FINISHED WATER/FLOW
 NP-4 - BLUE PEN - 200 K GAL EWST-3/LEVEL
 NP-4 - INFLUENT FLOW
 NP-5 - EFFLUENT FLOW
 NP-6 - RUN
 NP-7 - RUN
 NP-8 - RUN
 NP-9 - RP1
 NP-10 - RP2
 NP-11 - RP3
 NP-12 - LOSS OF POWER @ RPS

	Drawing Title					
	ENCLOSURE					
DATE 7/21/03	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 CONTROL PANEL 3	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-1610	
					SHEET NUMBER	6

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	483610REPL	ENCLOSURE
1a	1	EBE	4836P	BACKPLATE
2	1	SQUARE D	QOU120	CB1
3	3	AB	800H-QRT-10R	RED PILOT LIGHT
4	3	AB	800H-JR2A	HOA SWITCH
5	3	OMRON	G2R2SAC120	CR5-7
6	2	CHESELL	392	RECORDER
7	2	DIGITEC	VOYAGER	DIGITAL INDICATOR
8	2	NBT	SM-305M 1485/1478	TELEPHONE MODEM 1
9	1	NBT	NBTPS	12VDC POWER SUPPLY
10	1	NBT	NBTSP	TELEPHONE SURGE PROTECTOR
11	1	STOCK	STOCK	DUPLEX RECEPTACLE
12	1	APC	350	UPS
13	4	OMRON	G2R2SDC12	CR4
14	2	OMRON	LX4 120VAC	8A,8B
15	3	OMRON	MY4IN12VDC	CR1-3
16	1	NBT	SM-305M V485/1138/1477	TELEPHONE MODEM 2
17				
18				
19				
20				
21				
22				
23				
24				

	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		P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER		
	CONTROL PANEL 3		Research and Technology, Inc.				DRAWING NUMBER		
							CP-1610		
					SHEET NUMBER		7		