
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

CP-1610

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 12	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	Painted 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	_____	

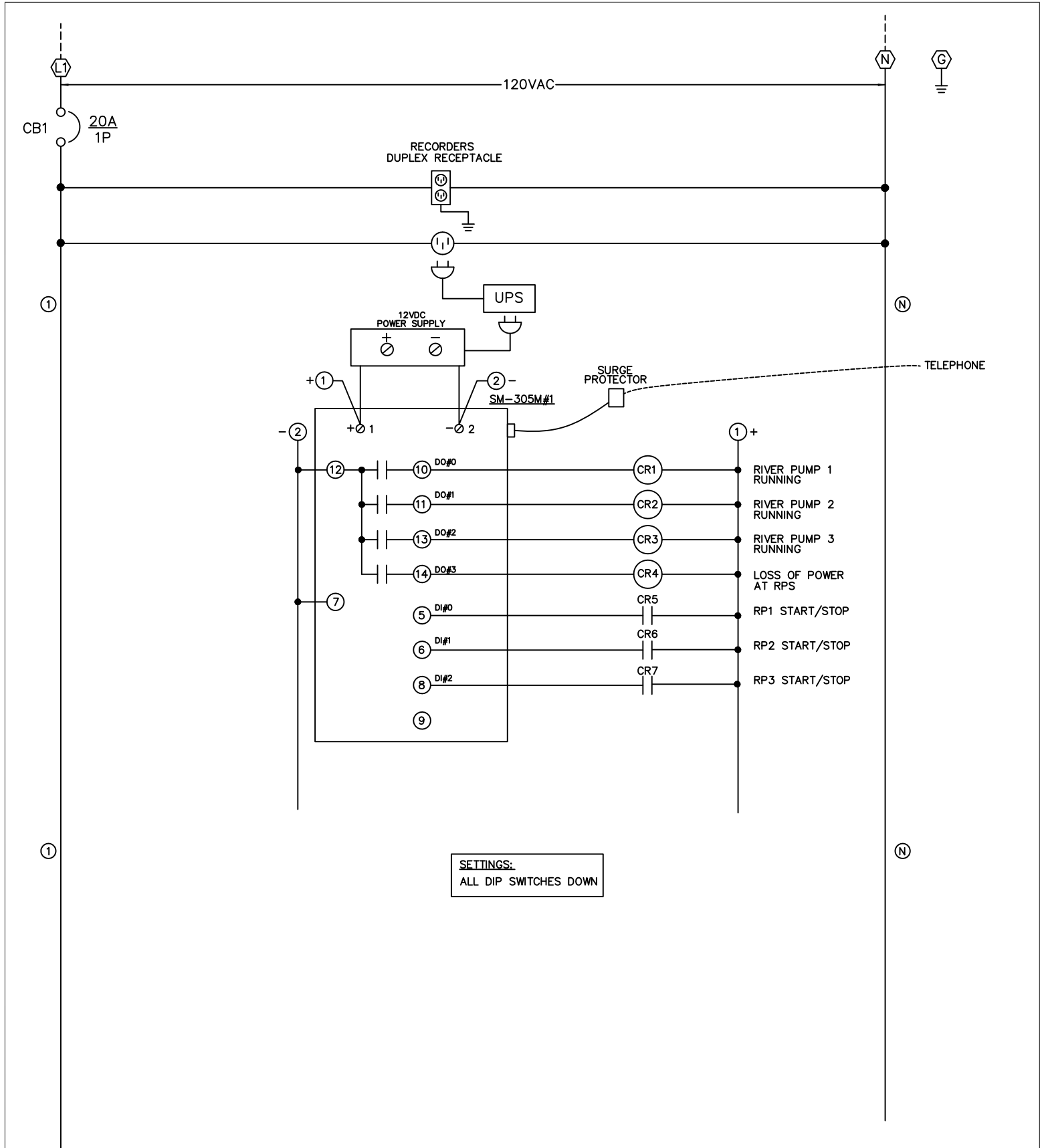
SOLD TO: McInnis Brothers Construction, Inc.

TAG : Many, LA

River 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	ECN	DATE
	Project Title CONTROL PANEL 3	<div style="text-align: center;">  Research and Technology, Inc. </div>			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



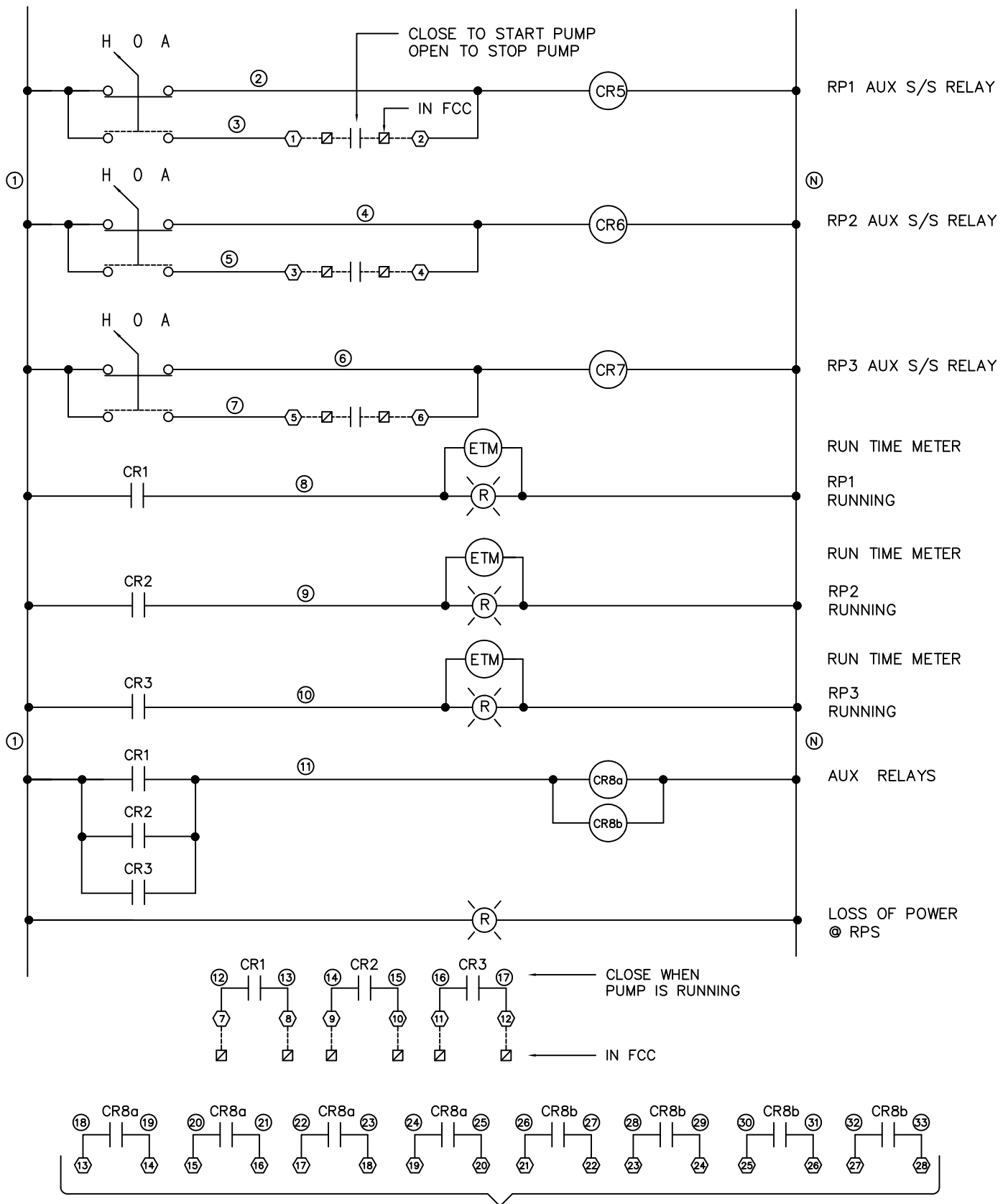
	Drawing Title								
	CONTROL DIAGRAM								
DATE	7/21/03	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY	APPROVED	
		S/N	Sales Engineer C.C.	Application Engineer R.C.	BY C. RACHAL	BY	DATE		
	Project Title	PURCHASE ORDER NUMBER							
	CONTROL PANEL 3	DRAWING NUMBER CP-1610							
		SHEET NUMBER							

COX

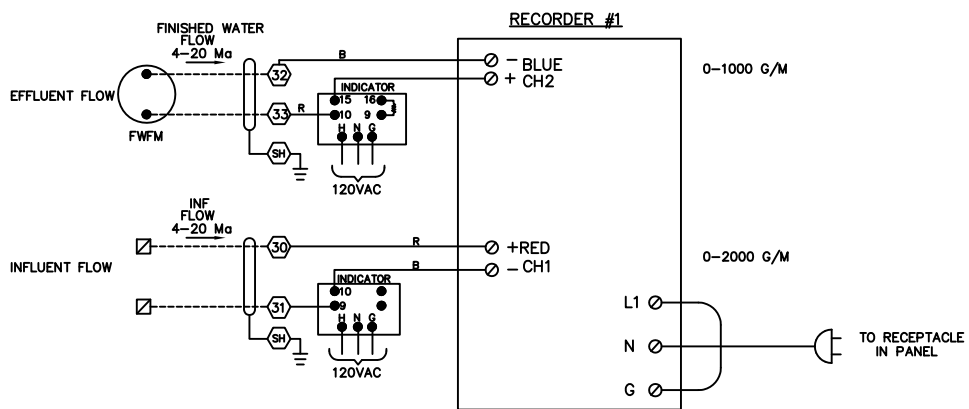
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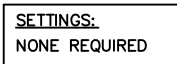


	Drawing Title CONTROL DIAGRAM								
DATE 7/21/03		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE	BY	APPROVED
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							DRAWING NUMBER CP-1610		
							SHEET NUMBER 3		

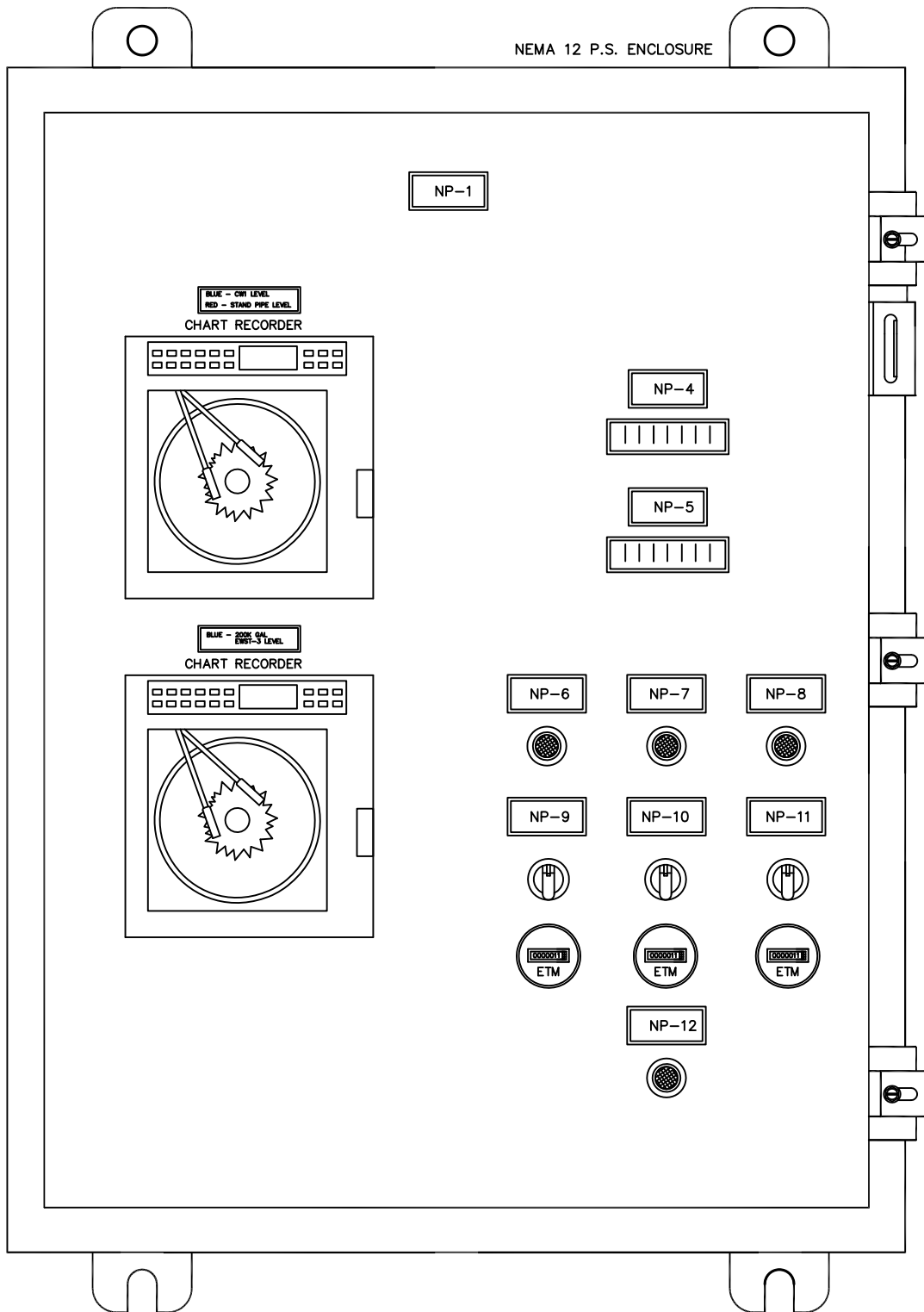


TOTALIZERS:
 MANTISSA = 6
 EXP. = 4
 READS 1 CLICK/1000 GAL.

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

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NEMA 12 P.S. ENCLOSURE



VIEW OF FRONT DOOR

NAMEPLATE SCHEDULE

- NP-1 - RIVER PUMP STATION CONTROL PANEL CP3
- NP-2 - RED PEN - INFLUENT FLOW
- NP-3 - BLUE PEN - FINISHED WATER/FLOW
- 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. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE BY	BY
	Project Title				P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER		
	CONTROL PANEL 3	COX Research and Technology, Inc.			Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1610		
						SHEET NUMBER 6		

COX

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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	CHESSELL	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				

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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 BY
		<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 100px;"> COX <small>Research and Technology, Inc.</small> </div>		P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER DRAWING NUMBER <div style="text-align: right;">CP-1610</div> SHEET NUMBER <div style="text-align: right;">7</div>	
	Project Title	CONTROL PANEL 3					