
COX

Research and Technology, Inc.

PRAIRIE RONDE CONTROL PANEL

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

CP1595

VOLTAGE	<u>120/240V</u>	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	<u>1/60</u>	
NO. MOTORS	<u>6</u>	
HP	<u></u>	
FLA	<u></u>	
TYPE OF PUMP	<u></u>	(Self-Priming, Submersible)
MANUFACTURER	<u></u>	
CATALOG NUMBER	<u></u>	
CONTROL VOLTAGE	<u>120V</u>	(120V, Other)
ENCLOSURE	<u>NEMA 12</u>	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	<u>Painted Steel</u>	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	<u>Pressure Switches</u>	(Floats, Bubbler, Other)
CAPACITORS	<u></u>	(Yes, No)
CAPACITOR WIRING FIGURE	<u></u>	
THERM. & SEAL FAIL WIRING FIGURE	<u></u>	


OPTIONS:

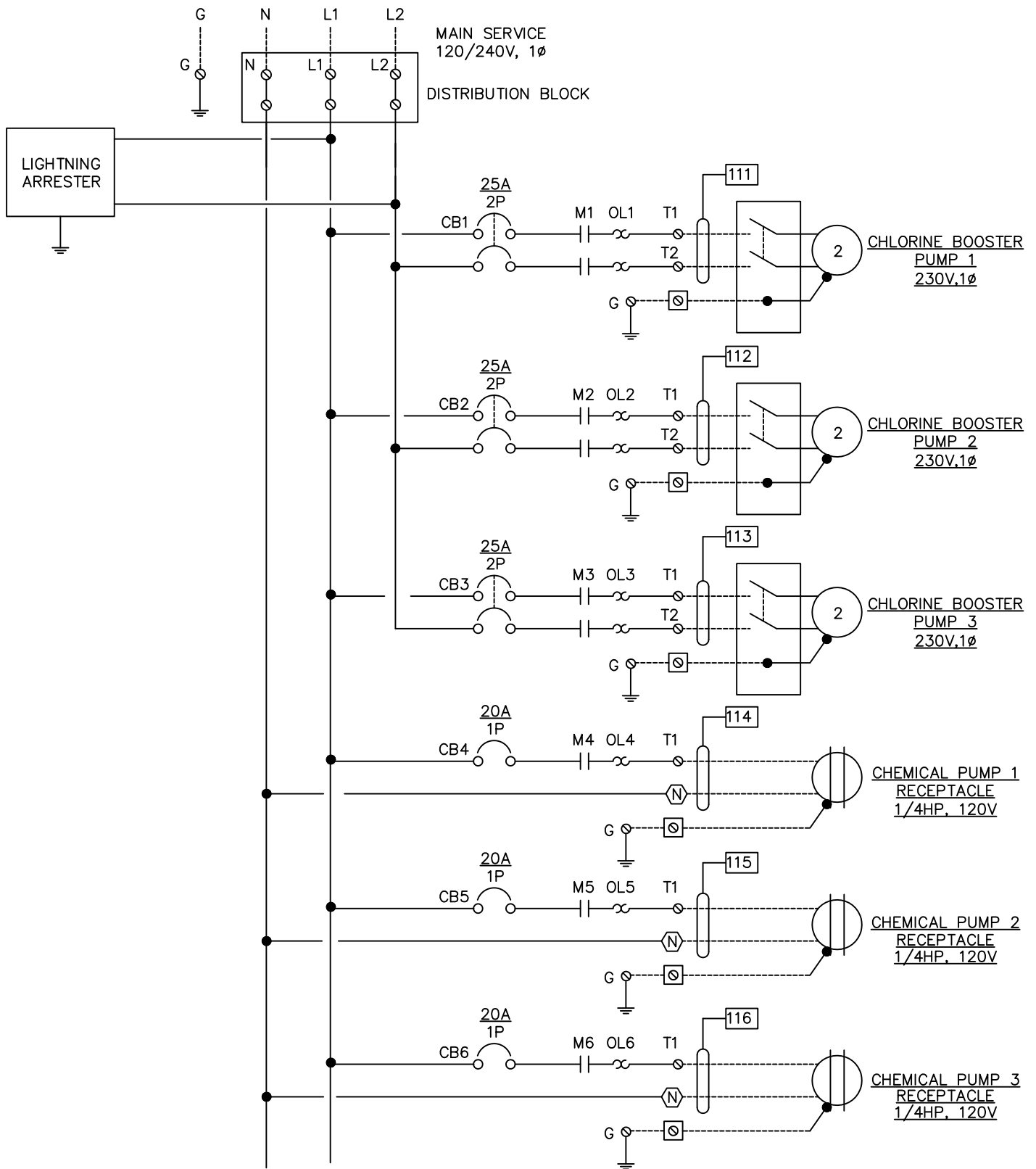
SEAL FAIL LIGHTS	<u></u>	(Submersible Only)
SEAL FAIL RELAYS	<u></u>	(Submersible Only)
SEAL FAIL PUMP SHUTDOWN	<u></u>	(Submersible Only)
HT PUMP SHUTDOWN	<u></u>	(Self-Primer, Submersible)
ALARM HORN	<u></u>	
ALARM LIGHT	<u>X (HL, LL)</u>	
LIGHT PANEL MTD	<u></u>	
LIGHT REMOTE MTD	<u></u>	
LIGHT FLASHER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

SOLD TO: TREK

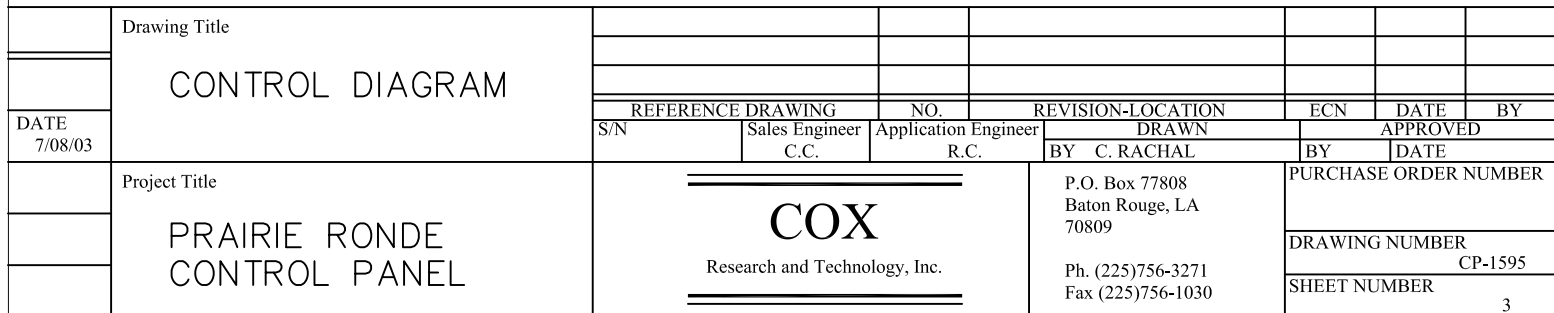
TAG : PRAIRE RONDE

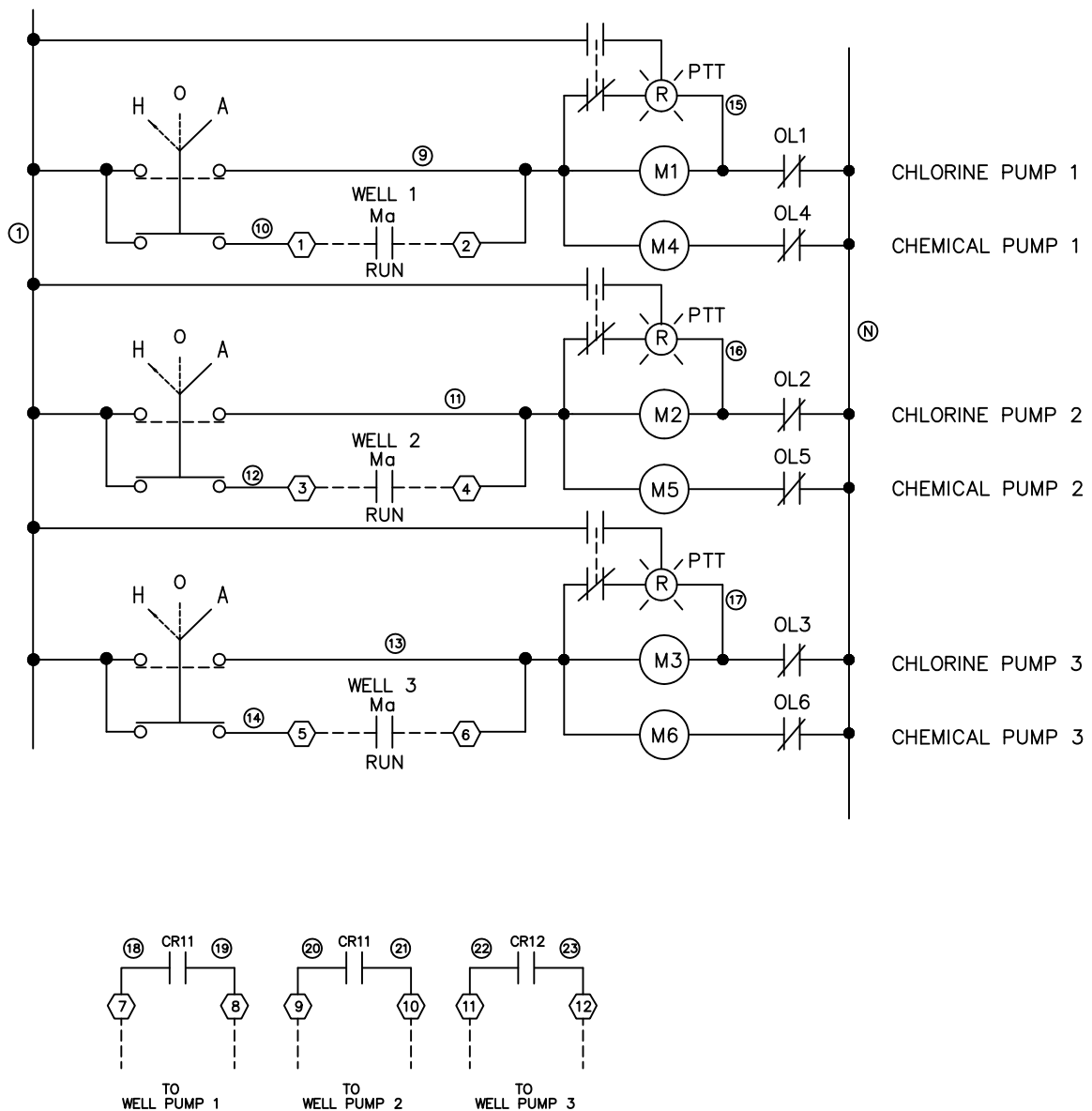
SHIP TO: PRAIRIE RONDE

	Drawing Title							
	PANEL DESCRIPTION							
DATE 7/08/03			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="text-align: center;">  COX Research and Technology, Inc. </div>			PURCHASE ORDER NUMBER		
	DUPLEX BLOWER CONTROL PANEL					DRAWING NUMBER CP-1595		
						SHEET NUMBER 1		



	Drawing Title					
	POWER DIAGRAM					
DATE 7/08/03		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE BY
		DRAWN BY C. RACHAL		APPROVED BY		PURCHASE ORDER NUMBER
	PRAIRIE RONDE CONTROL PANEL	<div data-bbox="792 1955 911 2003">COX</div> <div data-bbox="732 2011 971 2037">Research and Technology, Inc.</div>		P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1595	
					SHEET NUMBER	
					2	





	Drawing Title CONTROL DIAGRAM								
DATE 7/08/03									
		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 PRAIRIE RONDE CONTROL PANEL	<div>COX</div> <div>Research and Technology, Inc.</div>			<div>P.O. Box 77808 Baton Rouge, LA 70809</div> <div>Ph. (225)756-3271 Fax (225)756-1030</div>		PURCHASE ORDER NUMBER		
							DRAWING NUMBER CP-1595		
							SHEET NUMBER 4		

NAMEPLATE SCHEDULE

- | | |
|-------|----------------------------|
| NP-1 | MAIN CONTROL PANEL |
| NP-2 | TANK LOW LEVEL |
| NP-3 | TANK HIGH LEVEL |
| NP-4 | CHLORINE & CHEMICAL PUMP 1 |
| NP-5 | CHLORINE & CHEMICAL PUMP 2 |
| NP-6 | CHLORINE & CHEMICAL PUMP 3 |
| NP-7 | RUN |
| NP-8 | RUN |
| NP-9 | RUN |
| NP-10 | HOA |
| NP-11 | HOA |
| NP-12 | HOA |
| NP-13 | WELLS 1&2 CALL |
| NP-14 | WELL 3 CALL |

NOTE:
SEWER GASSES WILL DESTROY COMPONENTS IN PANEL.
PROPER SEALS MUST BE INSTALLED EXTERNAL TO THE
PANEL TO PREVENT ENTRY OF GASSES.

	Drawing Title									
	ENCLOSURE									
DATE		REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY	
7/08/03		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN		APPROVED			
	Project Title				P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER			
	PRAIRIE RONDE CONTROL PANEL	<div style="text-align: center;"> Research and Technology, Inc. </div>			Ph. (225)756-3271 Fax (225)756-1030		DRAWING NUMBER CP-1595			
							SHEET NUMBER 7			

BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	483610N12 ON 12" LEGS	ENCLOSURE NEMA 12 PNTD STEEL
1a	1	EBE	4836P	BACKPLATE ALUMINUM
2	1	BUSSMAN	16370-3	DISTRIBUTION BLOCK
3	1	BUSSMAN	CPDB-3	DIST. BLOCK COVER
4	1	CH	CHSA01	LIGHTNING ARRESTER
5	3	SQUARE D	QOU225	CB1,2,3
6	3	SQUARE D	QOU120	CB4,5,6
7	3	SQUARE D	QOU115	CB7,8,9
8	6	ABB	A16-30-10-84	M1-6
9	3	ABB	TA25DU14	O.L. 1-3 (10-14A)
10	3	ABB	TA25DU6.5	O.L. 4-6 (4.5-6.5A)
11	1	RACO	CHATTERBOX CB4	TELEPHONE DIALER
12	1	TIMEMARK	261DT120	ALTERNATOR
13	2	OMRON	MK3PN5SAC120	CR11,12
14	3	AB	800H-JR2A	HOA
15	5	AB	800H-QRT10R	RED PILOT LIGHT
16	1	ZERUST	VC6-1	CORROSION INHIBITOR
17	1	ASHCROFT	451279RS02L 0/100	PRESSURE GAUGE
18	9	DYNAQUIP	VNH3.PM 1/4	BALL VALVES (6CX32)
19	1	MC MASTER	4072K5	PRESSURE SNUBBER 1/2"
20	10	OMRON	MY2INAC120	CR 1-10 (5ZJ04)
21	10	DAYTON	6A855	TD 1-10
22	1	CAMBELL HAUSFELD		COMPRESSOR
23	5	AB	836-A2A	PRESSURE SWITCH
24	2	AB	800H-QRT10A	AMBER PILOT LIGHT

	Drawing Title						
	<h3 style="margin: 0;">BILL OF MATERIALS</h3>						
DATE 7/08/03		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	<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 150px;"> <h2 style="margin: 0;">COX</h2> <p style="margin: 0; font-size: small;">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-1595 SHEET NUMBER 8
	<h3 style="margin: 0;">PRAIRIE RONDE CONTROL PANEL</h3>						