
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

CP1595A

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	6	
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	Pressure Switch	(Floats, Bubbler, Other)
CAPACITORS		(Yes, No)
CAPACITOR WIRING FIGURE		
THERM. & SEAL FAIL WIRING FIGURE		

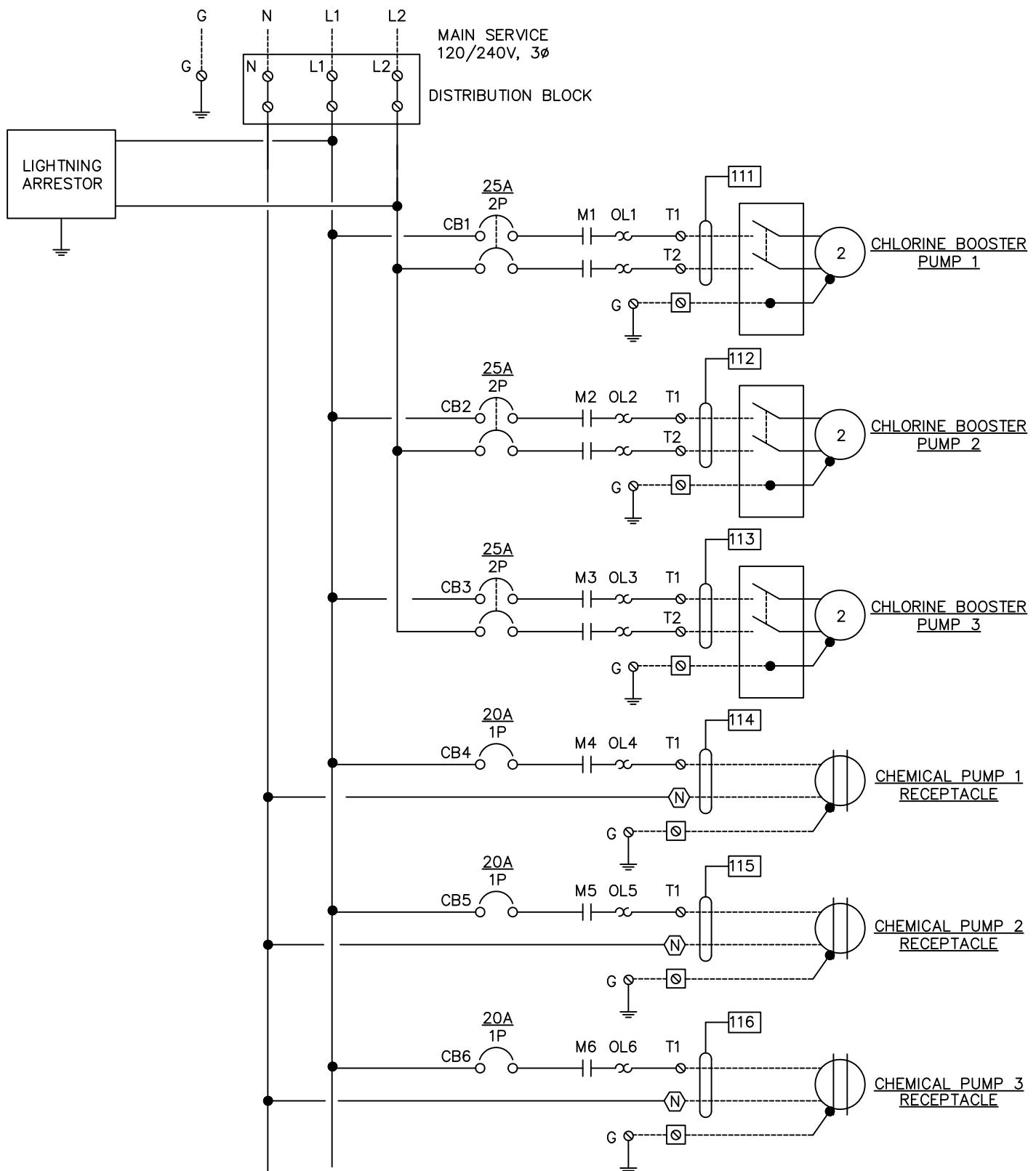
OPTIONS:

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	X	
LIGHT PANEL MTD		
LIGHT REMOTE MTD		
LIGHT FLASHER		
LIGHTNING ARRESTER	X	
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		

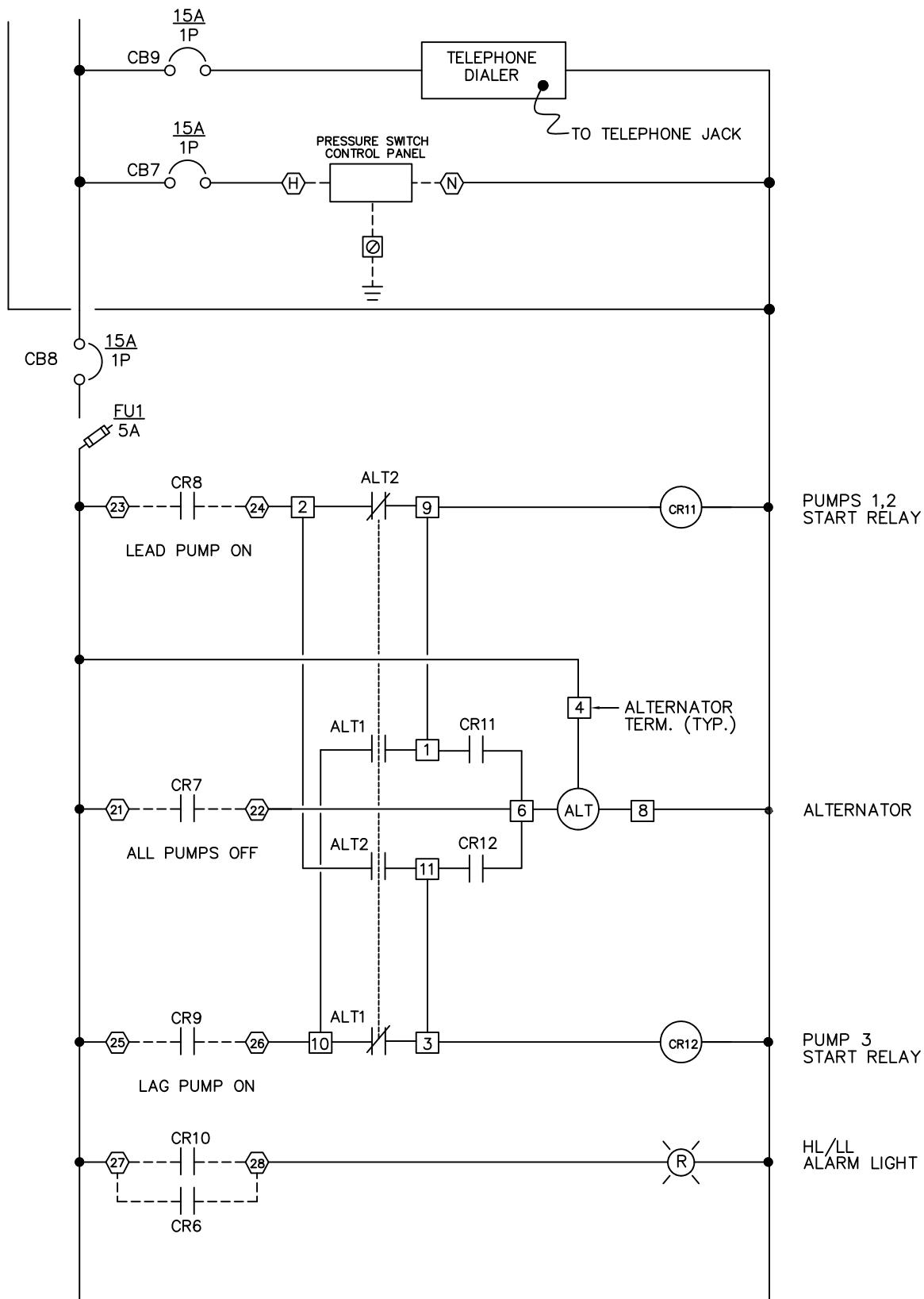
SOLD TO: TREK
TAG : PRAIRE RONDE

SHIP TO: PRAIRIE RONDE

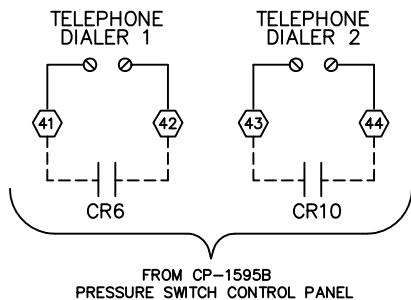
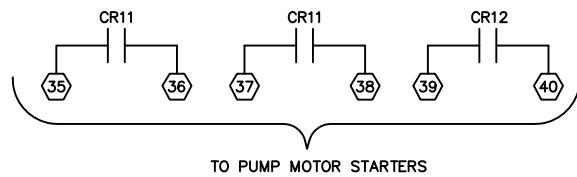
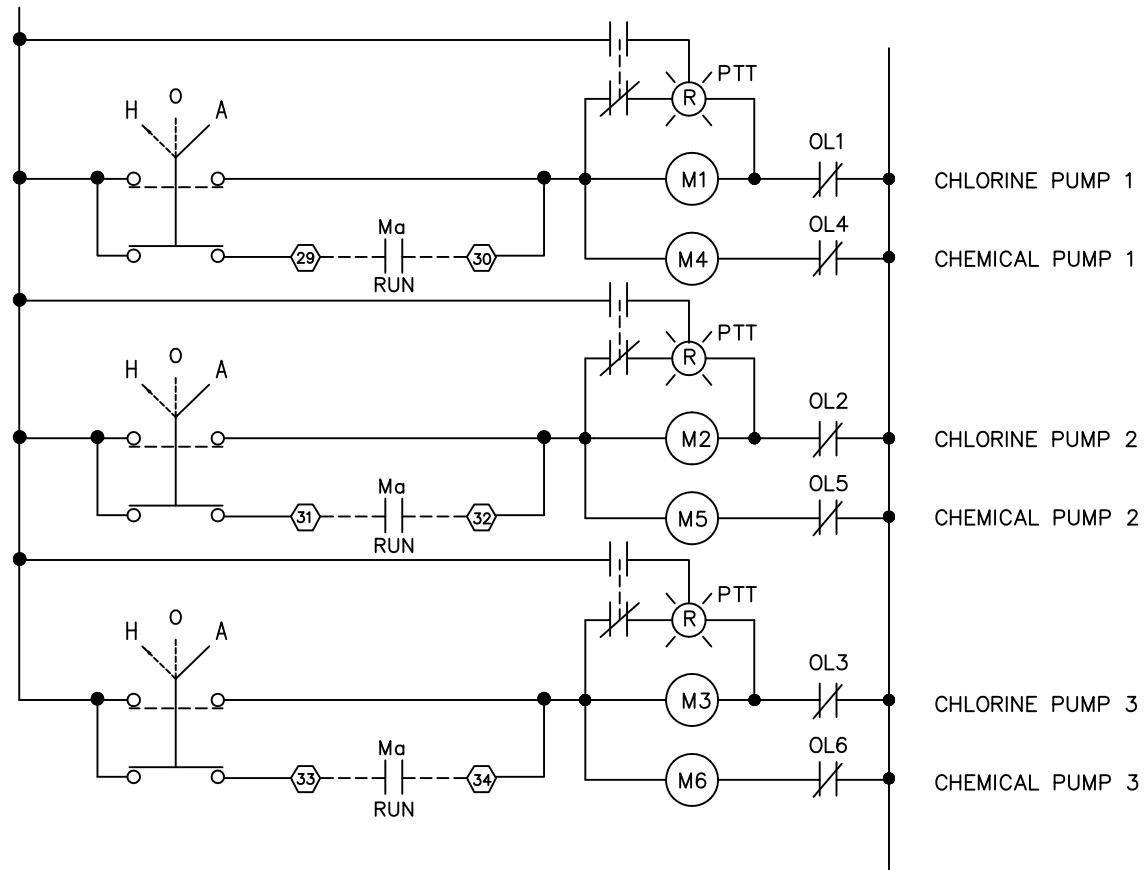
	Drawing Title								
	PANEL DESCRIPTION								
		REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY
		S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED		
DATE 7/01/03			C.C.	R.C.	BY	C. RACHAL	BY	DATE	
	Project Title								
	DUPLEX BLOWER CONTROL PANEL	<u>COX</u> Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER			
						DRAWING NUMBER		CP-1595A	
						SHEET NUMBER		1	



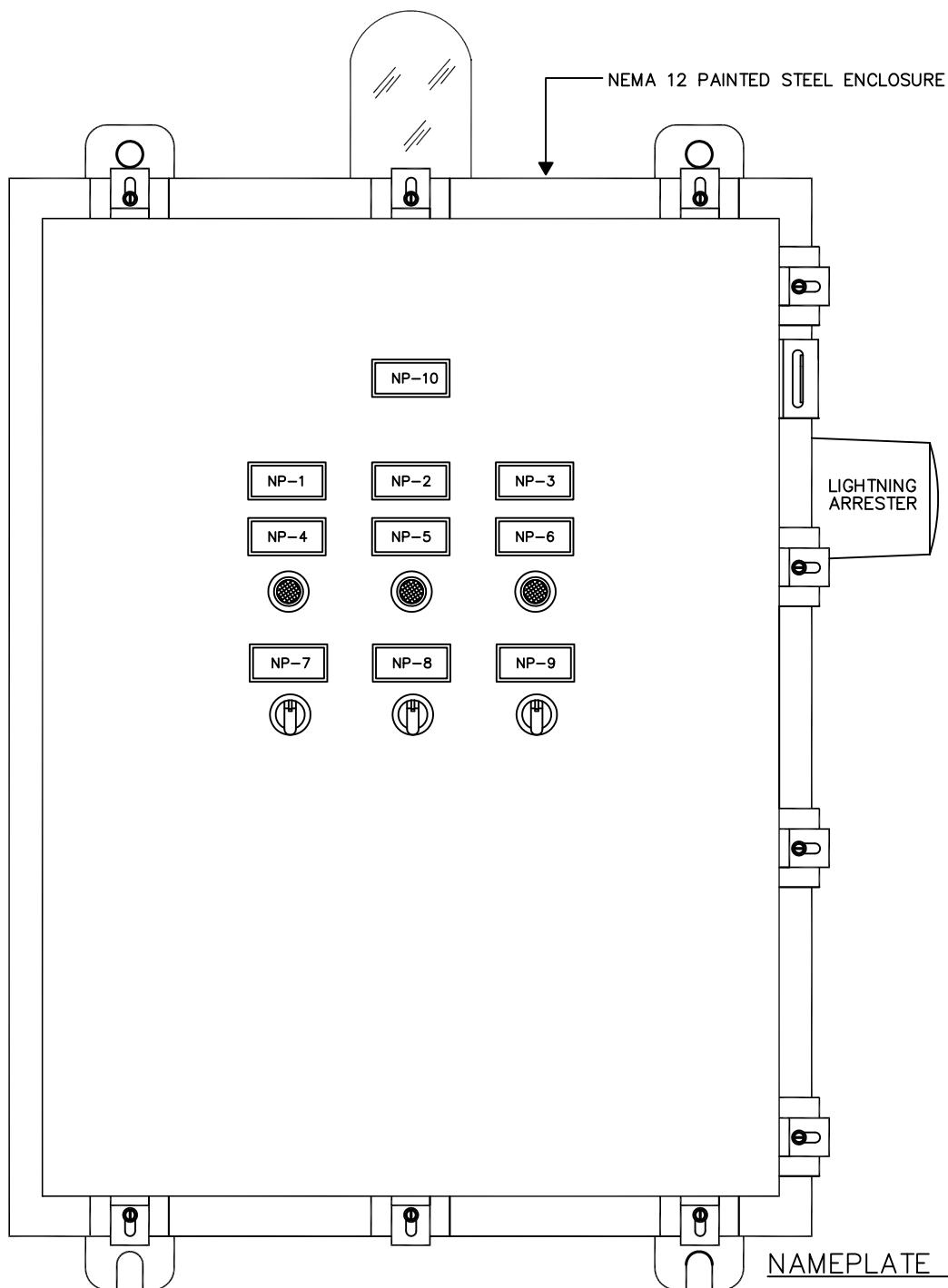
	Drawing Title POWER DIAGRAM				
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN APPROVED BY DATE
DATE 7/01/03		Application Engineer R.C.			
	Project Title PRAIRIE RONDE CONTROL PANEL	COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1595A SHEET NUMBER 2	



	Drawing Title CONTROL DIAGRAM				
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN APPROVED BY DATE
DATE 7/01/03		Application Engineer R.C.			
	Project Title PRAIRIE RONDE CONTROL PANEL		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-1595A SHEET NUMBER 3



	Drawing Title CONTROL DIAGRAM				
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN APPROVED BY DATE
DATE 7/01/03		Application Engineer R.C.			
	Project Title PRAIRIE RONDE CONTROL PANEL		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-1595A SHEET NUMBER 4



VIEW OF FRONT OF ENCLOSURE

NAMEPLATE SCHEDULE

NP-1	PUMP 1
NP-2	PUMP 2
NP-3	PUMP 3
NP-4	RUN
NP-5	RUN
NP-6	RUN
NP-7	HOA
NP-8	HOA
NP-9	HOA
NP-10	CHLORINE AND CHEMICAL PUMP CONTROL PANEL

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 7/01/03	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE APPROVED BY DATE	BY
	Project Title					
	PRAIRIE RONDE CONTROL PANEL	COX Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER	
					DRAWING NUMBER CP-1595A	
				Ph. (225)756-3271 Fax (225)756-1030	SHEET NUMBER 5	

BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	S363010N12	ENCLOSURE NEMA 12 PNTD STEEL
1a	1	EBE	A363010P	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	1	ABB	TA25DU11	O.L. 4-6 (7.5-11A)
11	1	RACO	CHATTERBOX CB4	TELEPHONE DIALER
12	1	TIMEMARK	261DT120	ALTERNATOR
13	1	AC/DC	BL5-120-R	ALARM LIGHT
14	2	OMRON	MK3PN5SAC120	CR11,12
15	3	AB	800H-JR2A	HOA
16	3	AB	800H-QRT10R	RED PILOT LIGHT
17	1	ZERUST	VC2-1	CORROSION INHIBITOR
18				
19				
20				
21				
22				
23				
24				

	Drawing Title								
	BILL OF MATERIALS								
DATE 7/01/03	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE BY		
	S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED			
			C.C.	R.C.	BY C. RACHAL	BY DATE			
	Project Title		<hr/> COX <hr/> Research and Technology, Inc. <hr/>		P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER			
	PRAIRIE RONDE CONTROL PANEL				DRAWING NUMBER		CP-1595A		
					SHEET NUMBER		6		