
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

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
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 Switches	(Floats, Bubbler, Other)
CAPACITORS		(Yes, No)
CAPACITOR WIRING FIGURE		
THERM. & SEAL FAIL WIRING FIGURE		

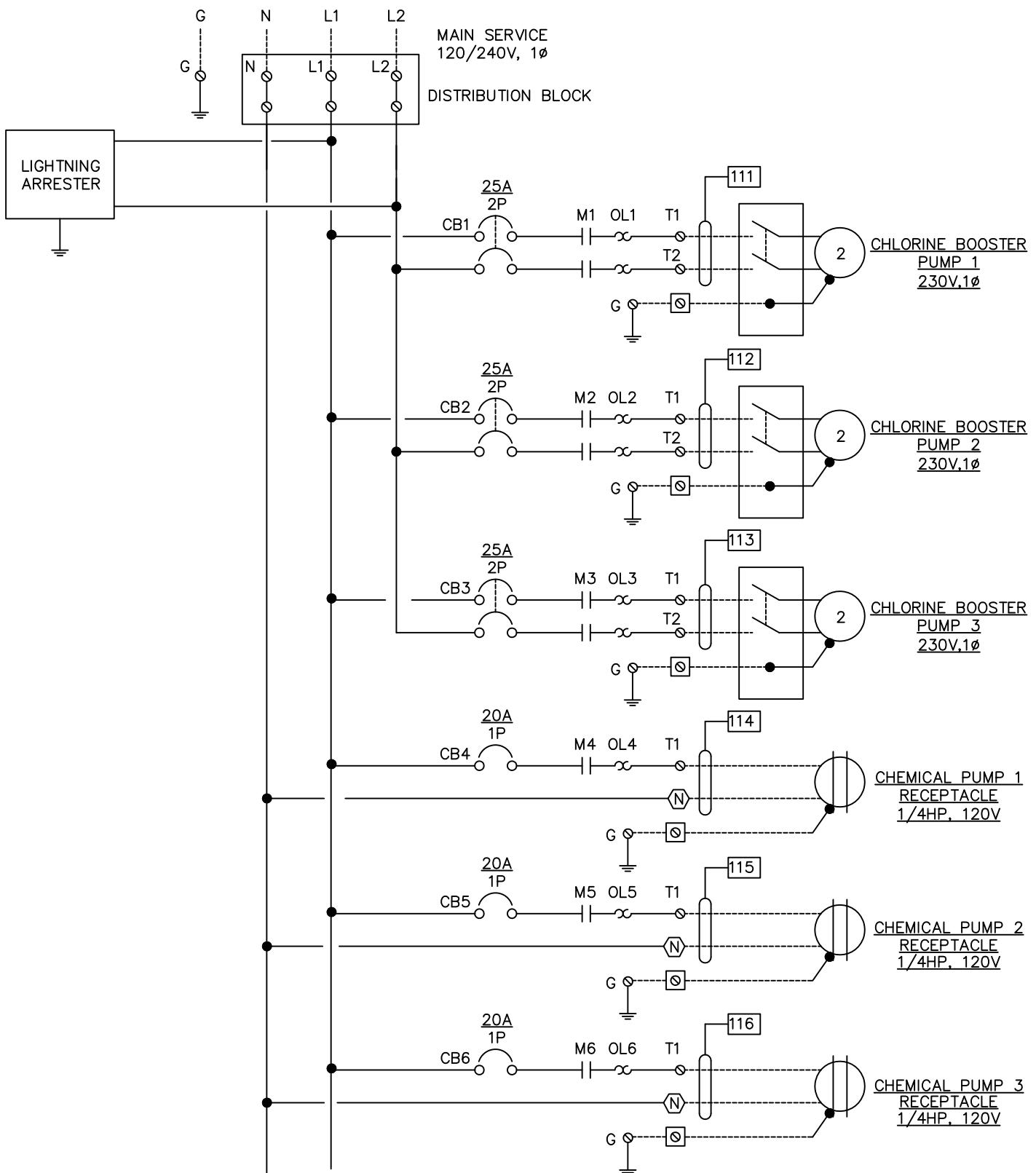
OPTIONS:

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 (HL, LL)	
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		

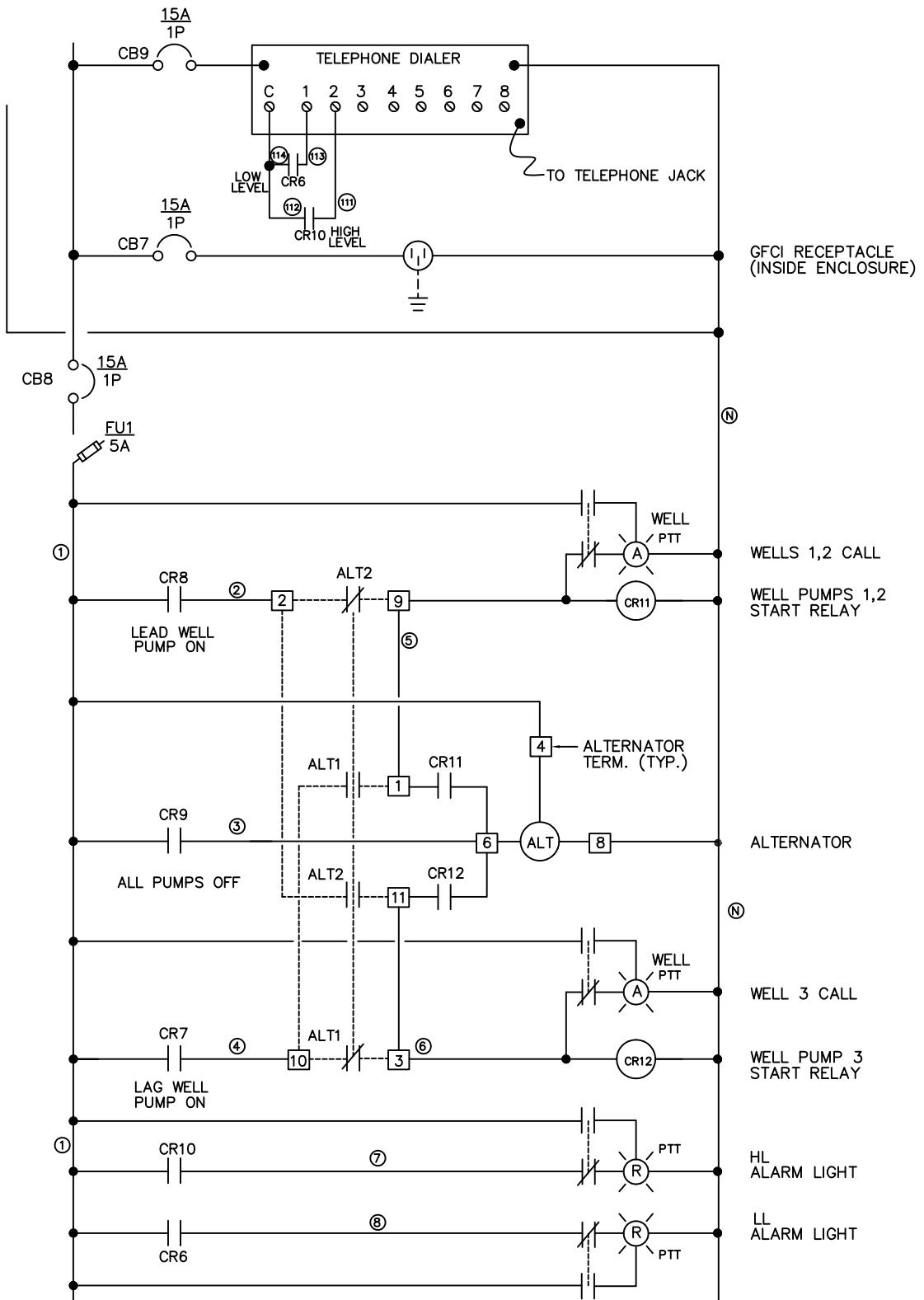
SOLD TO: TREK
TAG : PRAIRE RONDE

SHIP TO: PRAIRIE RONDE

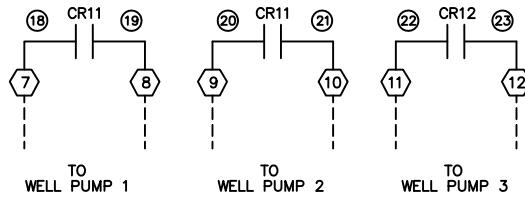
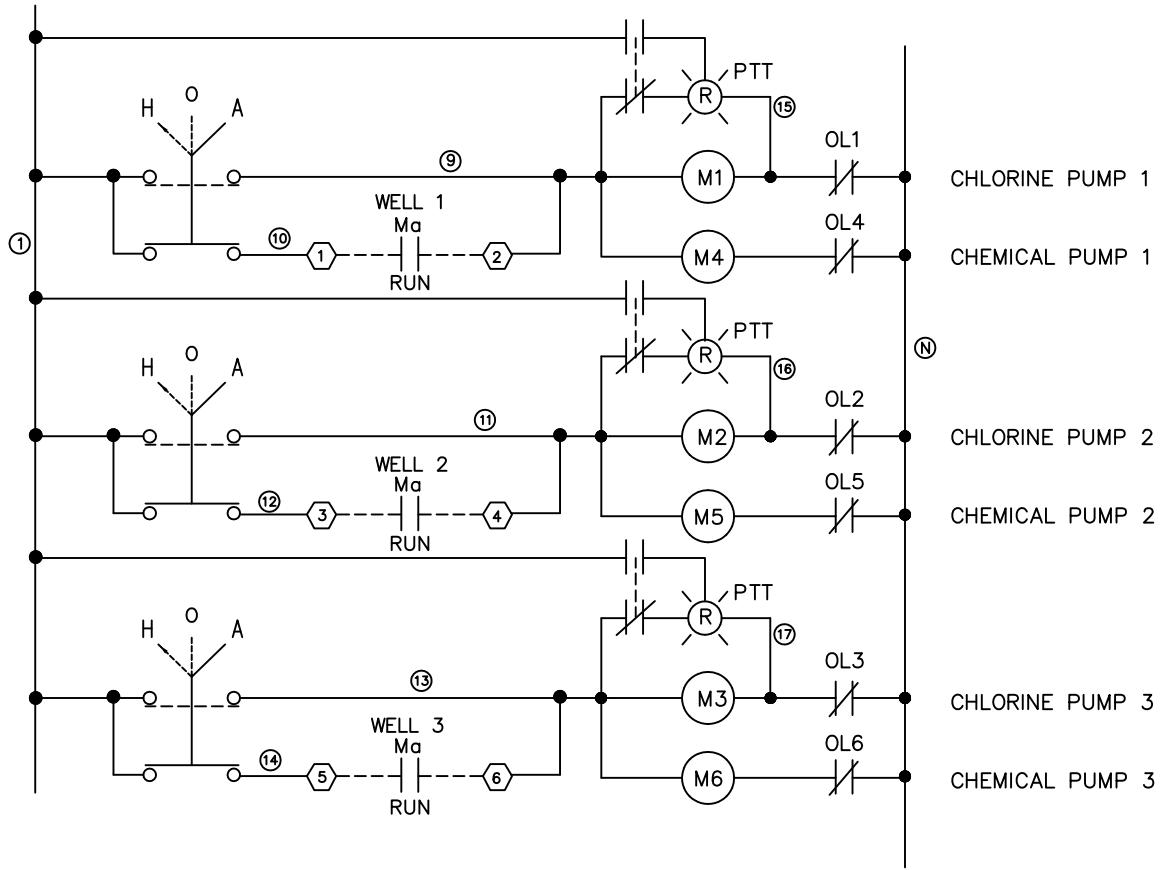
	Drawing Title								
	PANEL DESCRIPTION								
		REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY
		S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED		
DATE 7/08/03			C.C.	R.C.	BY	C. RACHAL	BY	DATE	
	Project Title								
	DUPLEX BLOWER CONTROL PANEL	<u>COX</u> Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER			
						DRAWING NUMBER		CP-1595	
						SHEET NUMBER		1	



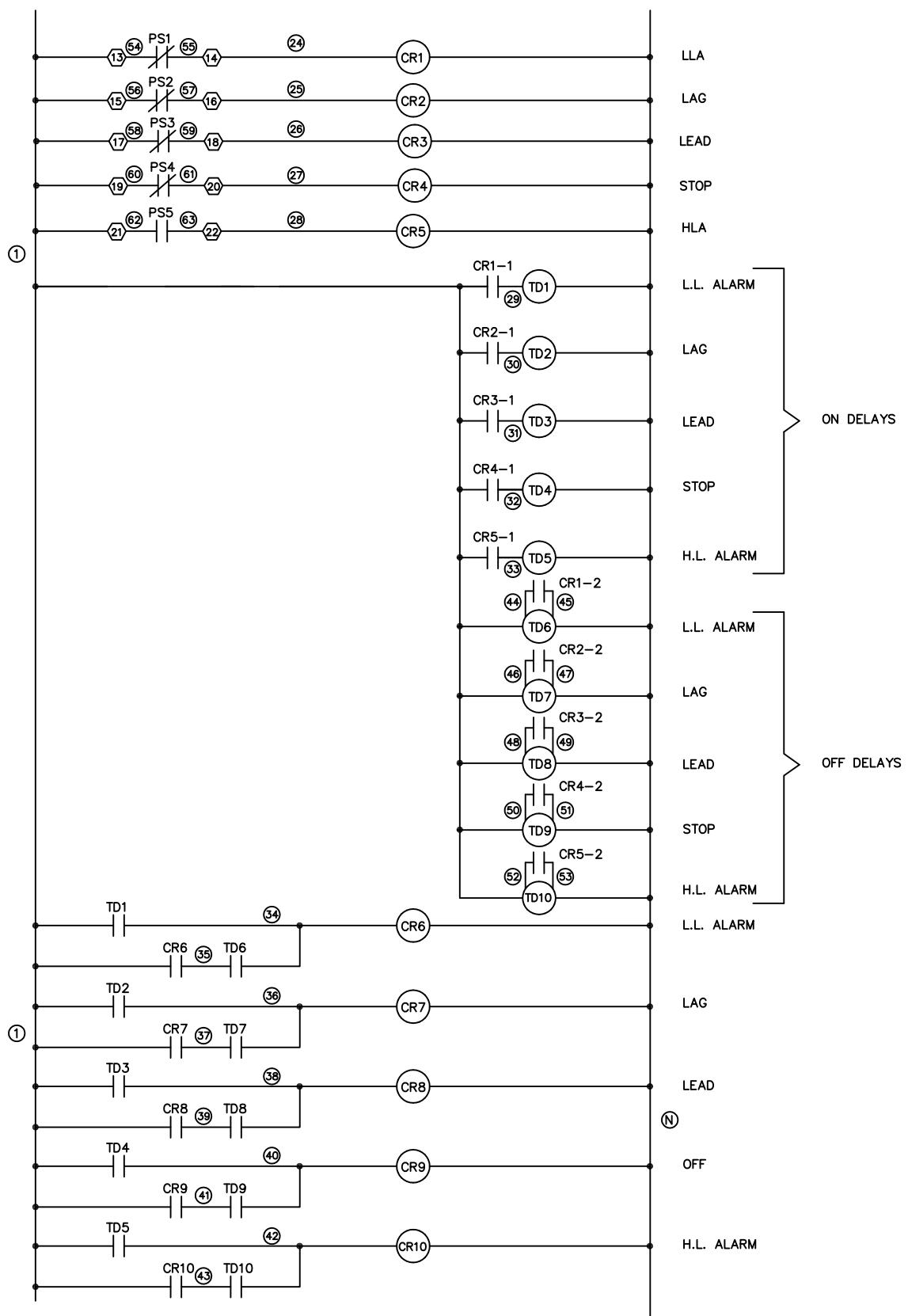
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	POWER DIAGRAM					
	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
DATE 7/08/03	S/N C.C.	Sales Engineer Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED BY	DATE	
Project Title				PURCHASE ORDER NUMBER		
PRAIRIE RONDE CONTROL PANEL	COX	Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1595		
				SHEET NUMBER 2		



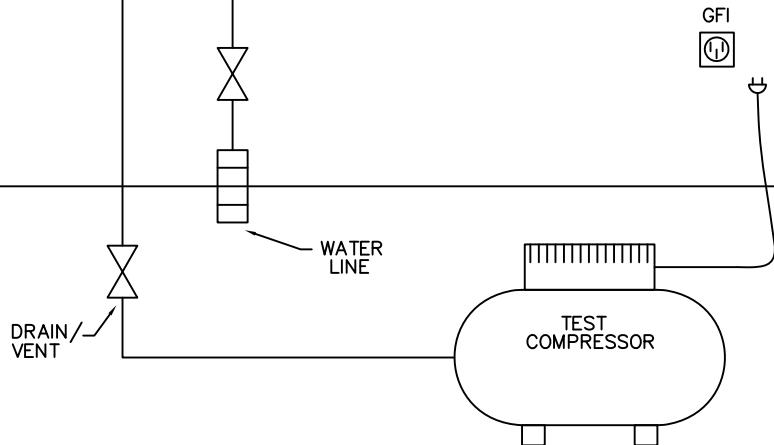
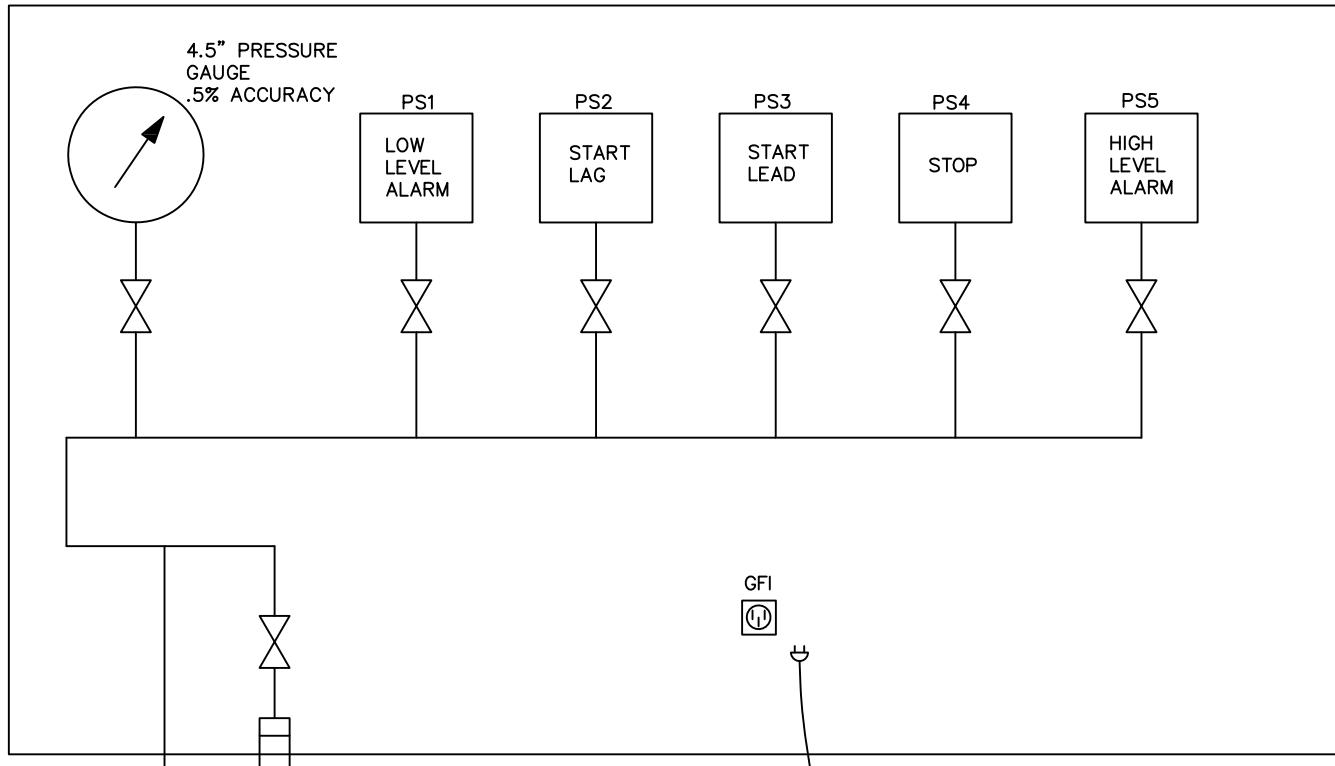
	Drawing Title CONTROL DIAGRAM								
DATE 7/08/03		REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL		APPROVED BY DATE		
	Project Title PRAIRIE RONDE CONTROL PANEL	<hr/> <hr/> COX Research and Technology, Inc. <hr/> <hr/>			P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER			
					Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1595			
						SHEET NUMBER 3			



	Drawing Title CONTROL DIAGRAM				
DATE 7/08/03	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE APPROVED BY DATE
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-1595 SHEET NUMBER 4		

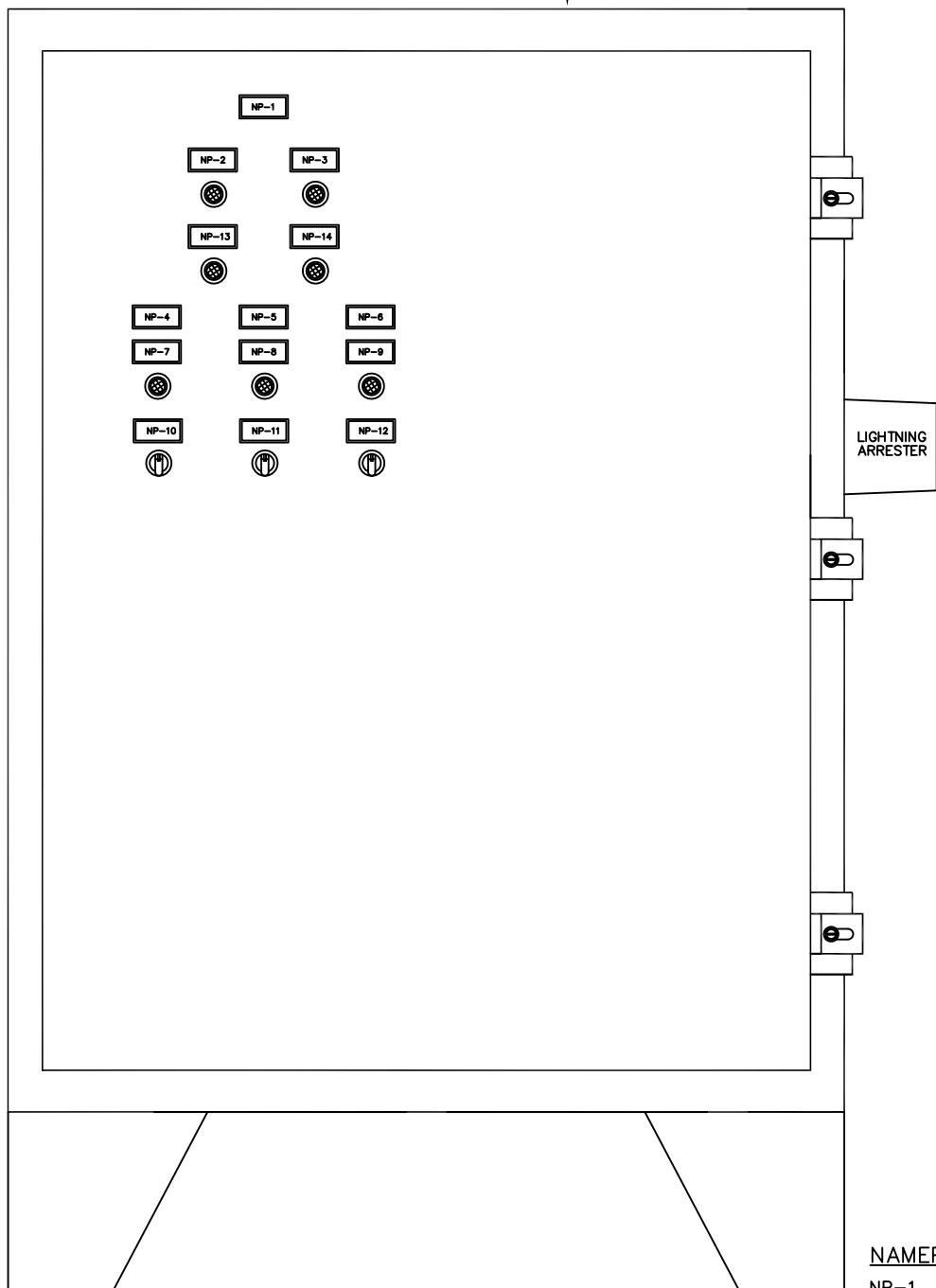


	Drawing Title					
	CONTROL DIAGRAM					
DATE 7/08/03	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY C. RACHAL	DATE APPROVED BY DATE	BY
Project Title PRAIRIE RONDE CONTROL PANEL		COX Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1595 SHEET NUMBER 5	



	Drawing Title					
DATE 7/08/03		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE APPROVED BY DATE
	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-1595	
					SHEET NUMBER	6

NEMA 12 PAINTED STEEL ENCLOSURE



VIEW OF FRONT OF ENCLOSURE

NOTE:

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

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

	Drawing Title					
	ENCLOSURE					
	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
DATE 7/08/03	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED	
		C.C.	R.C.	BY C. RACHAL	BY	DATE
	Project Title			P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER	
	PRAIRIE RONDE CONTROL PANEL		COX		DRAWING NUMBER	CP-1595
			Research and Technology, Inc.		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 BILL OF MATERIALS						
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE	BY APPROVED DATE
DATE 7/08/03	Project Title PRAIRIE RONDE CONTROL PANEL	<hr/> <hr/>	<hr/> <hr/>	<hr/> <hr/>			
		<hr/> <hr/>	<hr/> <hr/>	<hr/> <hr/>			
		<hr/> <hr/>	<hr/> <hr/>	<hr/> <hr/>	P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER	
		<hr/> <hr/>	<hr/> <hr/>	<hr/> <hr/>	Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1595	SHEET NUMBER 8