
COX

Research and Technology, Inc.

DUPLEX PUMP CONTROL PANEL CULBERTSON WATER SYSTEMS

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

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

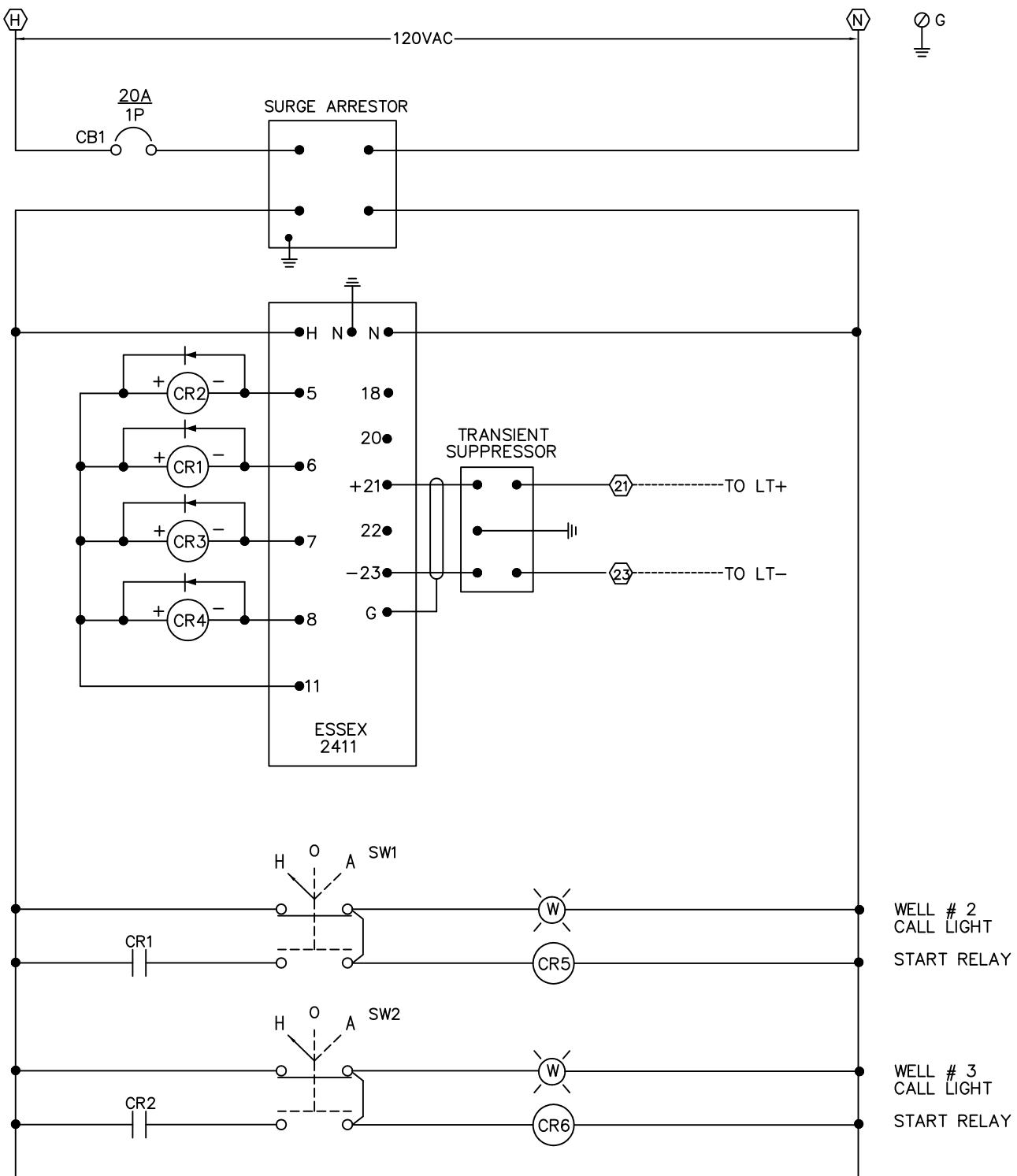
OPTIONS:

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

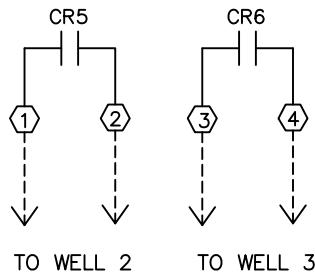
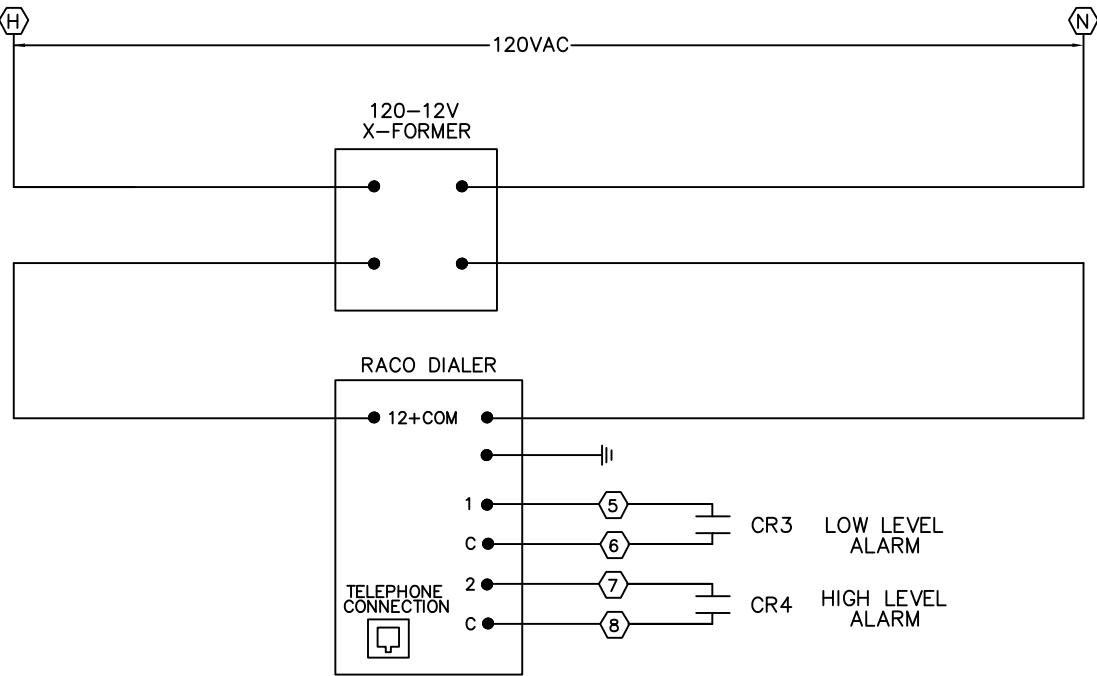
SOLD TO: D&W SYSTEMS
TAG : CULBERTSON WATER SYSTEMS

SHIP TO:

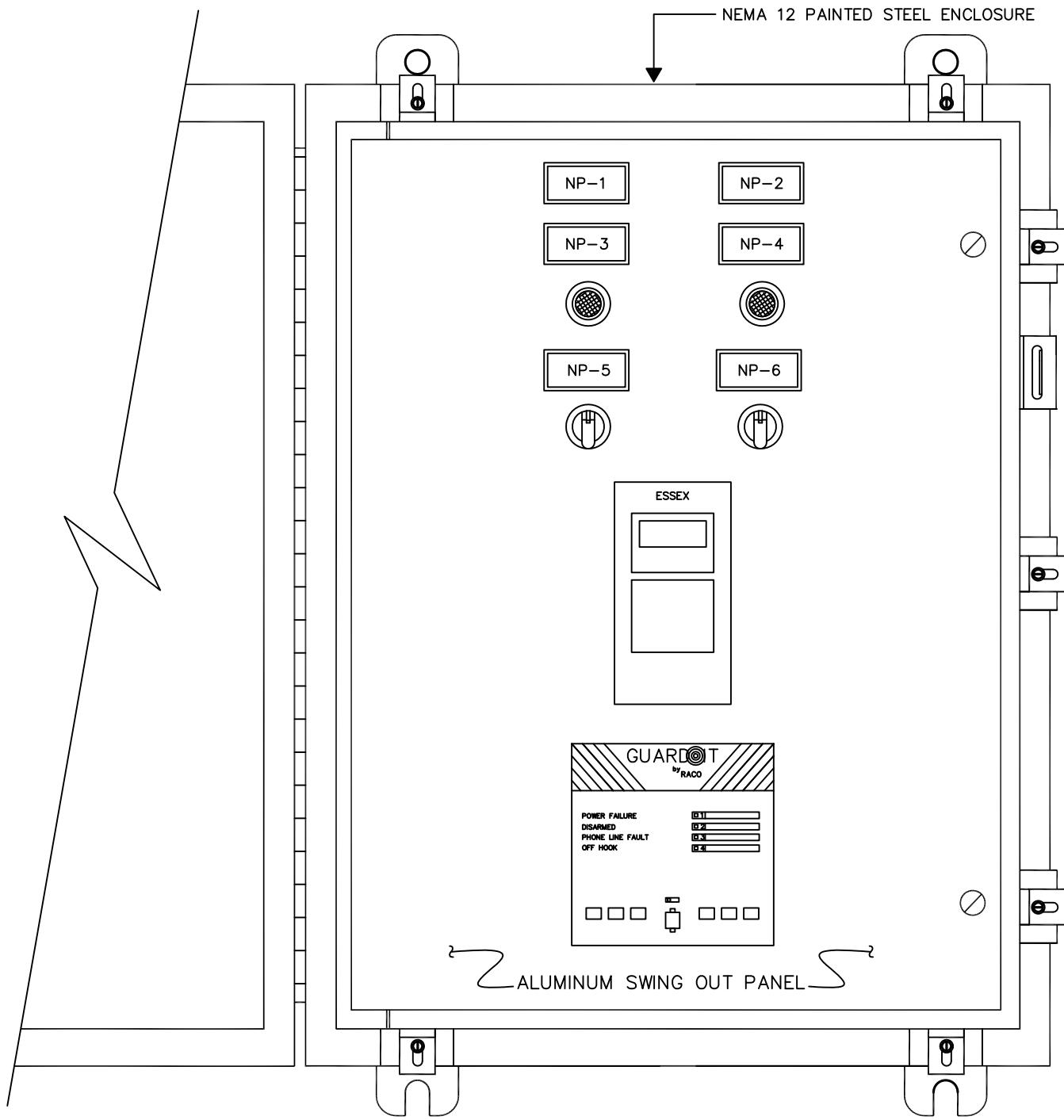
	Drawing Title						
	PANEL DESCRIPTION						
			REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE BY
	S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED	
		C.C.	R.C.	BY CTR	BY	DATE	
DATE 11/25/02	Project Title	<hr/> <hr/> <hr/>	COX Research and Technology, Inc. <hr/> <hr/>	P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER	
	DUPLEX PUMP CONTROL PANEL			Ph. (225)756-3271 Fax (225)756-1030		DRAWING NUMBER	CP-1493
						SHEET NUMBER	1



	Drawing Title CONTROL DIAGRAM							
DATE 11/25/02		REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE
	S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN			APPROVED	
			BY	CTR		BY	DATE	
	Project Title DUPLEX PUMP CONTROL PANEL	<hr/> <hr/> COX <hr/> <hr/> Research and Technology, Inc.			P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER	
							DRAWING NUMBER	
							CP-1493	
				Ph. (225)756-3271 Fax (225)756-1030		SHEET NUMBER		
						2		



	Drawing Title					
	CONTROL DIAGRAM					
DATE 11/25/02	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY CTR	DATE APPROVED BY DATE	BY
Project Title DUPLEX PUMP CONTROL PANEL	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-1493	SHEET NUMBER 3



VIEW OF SWING OUT PANEL

NAMEPLATE SCHEDULE

NP-1	WELL 2
NP-2	WELL 3
NP-3	CALL
NP-4	CALL
NP-5	HOA
NP-6	HOA

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 11/25/02	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY CTR	DATE APPROVED BY DATE	BY
	Project Title DUPLEX PUMP 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-1493 SHEET NUMBER 4	

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	362412N12	ENCLOSURE
1a	1	EBE	A3624P	BACKPLATE
1b	1	EBE	A3624SP	DEAD FRONT
2	1	SQUARE D	QOU120	CB-1
3	1	AMBER IND.	1116	120VAC SURGE SUPPRESSOR
4	1	AMBER IND.	1147-25	24 VDC SURGE SUPPRESSOR
*	5	ESSEX ENG	2411	LEVEL METER CONTROLLER
*	6	IDEA	RH2BL24VDC	24 VDC RELAYS
*	7	SQUARE D	9001-K43BH1	HOA
*	8	SQUARE D	9001-KP1W9	PILOT LIGHT WHITE
*	9	BRISTOL	2508-15B	LEVEL X-MITTER
*	10	RACO	GUARD-IT	DIALER
11				
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24				

* FURNISHED BY D&W SYSTEMS

	Drawing Title						
	BILL OF MATERIALS						
DATE 11/25/02	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY CTR	ECN	DATE APPROVED BY DATE		
	Project Title DUPLEX PUMP CONTROL PANEL	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-1493	
						SHEET NUMBER 5	