
COX

Research and Technology, Inc.

WARD 4 WATER DISTRICT
VERNON PARISH
WELL CONTROL PANEL

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

CP-2399

VOLTAGE	<u>277/480V</u>	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	<u>3/60</u>	
NO. MOTORS	<u>2</u>	
HP	<u>125, 3</u>	
FLA	<u>156, 17</u>	
TYPE OF PUMP	<u>Above Ground</u>	(Self-Priming, Submersible)
MANUFACTURER	<u></u>	
CATALOG NUMBER	<u></u>	
CONTROL VOLTAGE	<u>120V</u>	(120V, Other)
ENCLOSURE	<u>NEMA 3R</u>	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	<u>Stainless Steel</u>	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	<u>Pressure Transducer</u>	(Floats, Bubbler, Other)
CAPACITORS	<u></u>	(Yes, No)
CAPACITOR WIRING FIGURE	<u></u>	
THERM. & SEAL FAIL WIRING FIGURE	<u></u>	

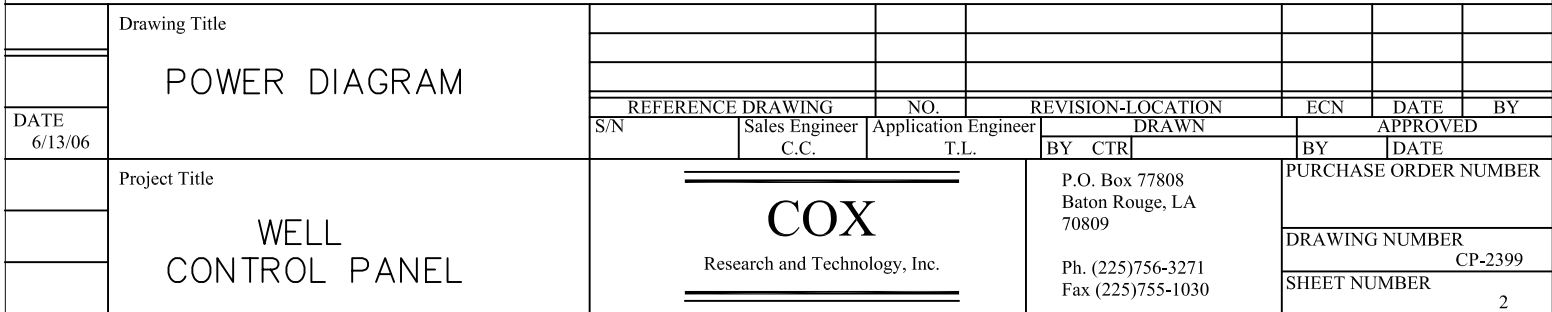
OPTIONS:

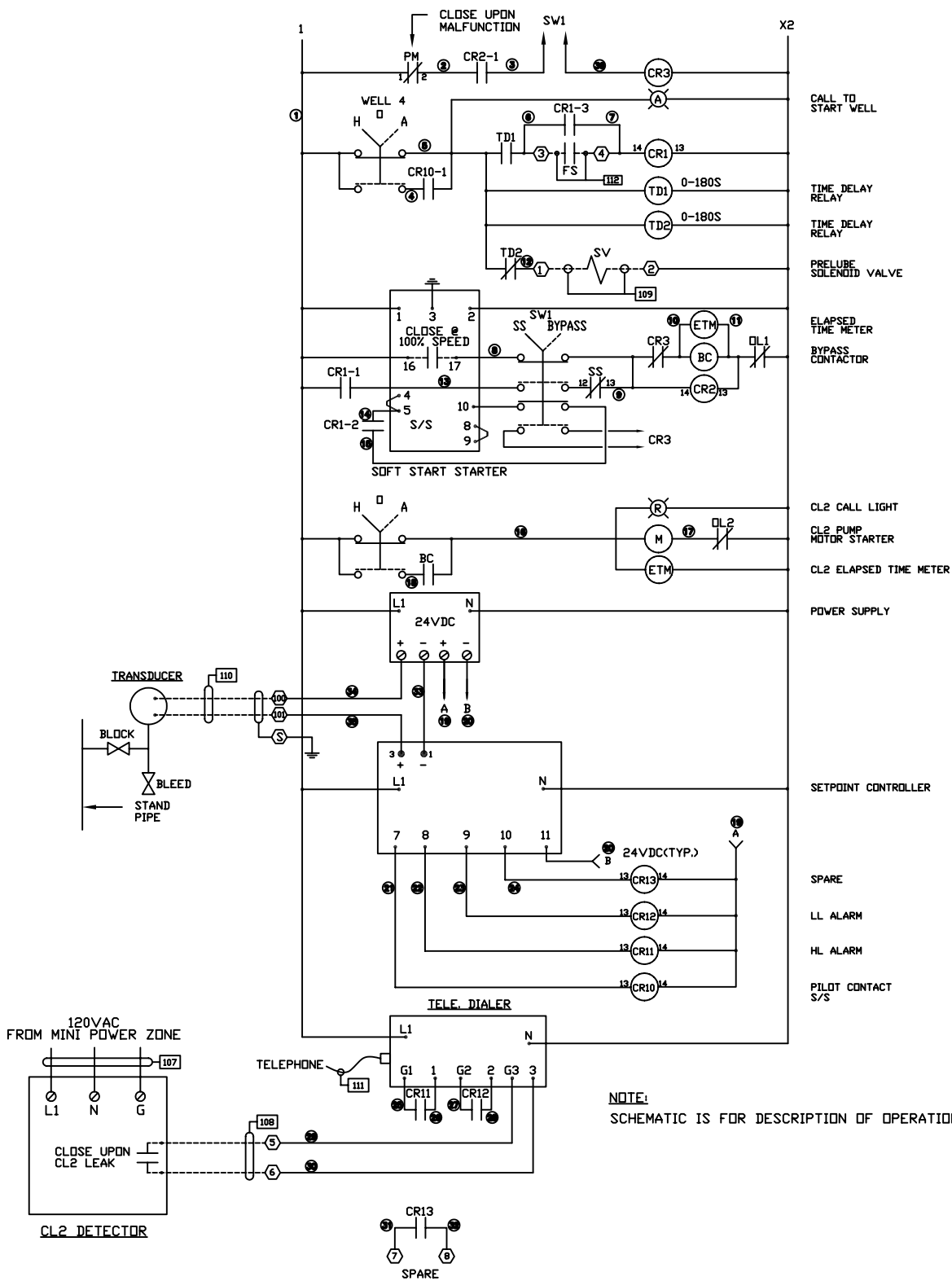
SEAL FAIL LIGHTS	<u></u>	(Submersible Only)
SEAL FAIL RELAYS	<u></u>	(Submersible Only)
SEAL FAIL PUMP SHUTDOWN	<u></u>	(Submersible Only)
HT PUMP SHUTDOWN	<u></u>	(Self-Primer, Submersible)
ALARM HORN	<u></u>	
ALARM LIGHT	<u></u>	
LIGHT PANEL MTD	<u></u>	
LIGHT REMOTE MTD	<u></u>	
LIGHT FLASHER	<u></u>	
LIGHTNING ARRESTER	<u>X</u>	
ELAPSED TIME METER	<u>X</u>	
PHASE MONITOR	<u>X</u>	
NEMA RATED STARTERS	<u>X</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:	<u>Dennis Downs Electric</u>
TAG :	<u>Ward 4 Water District</u>
	<u>Vernon Parish Well Control Panel</u>

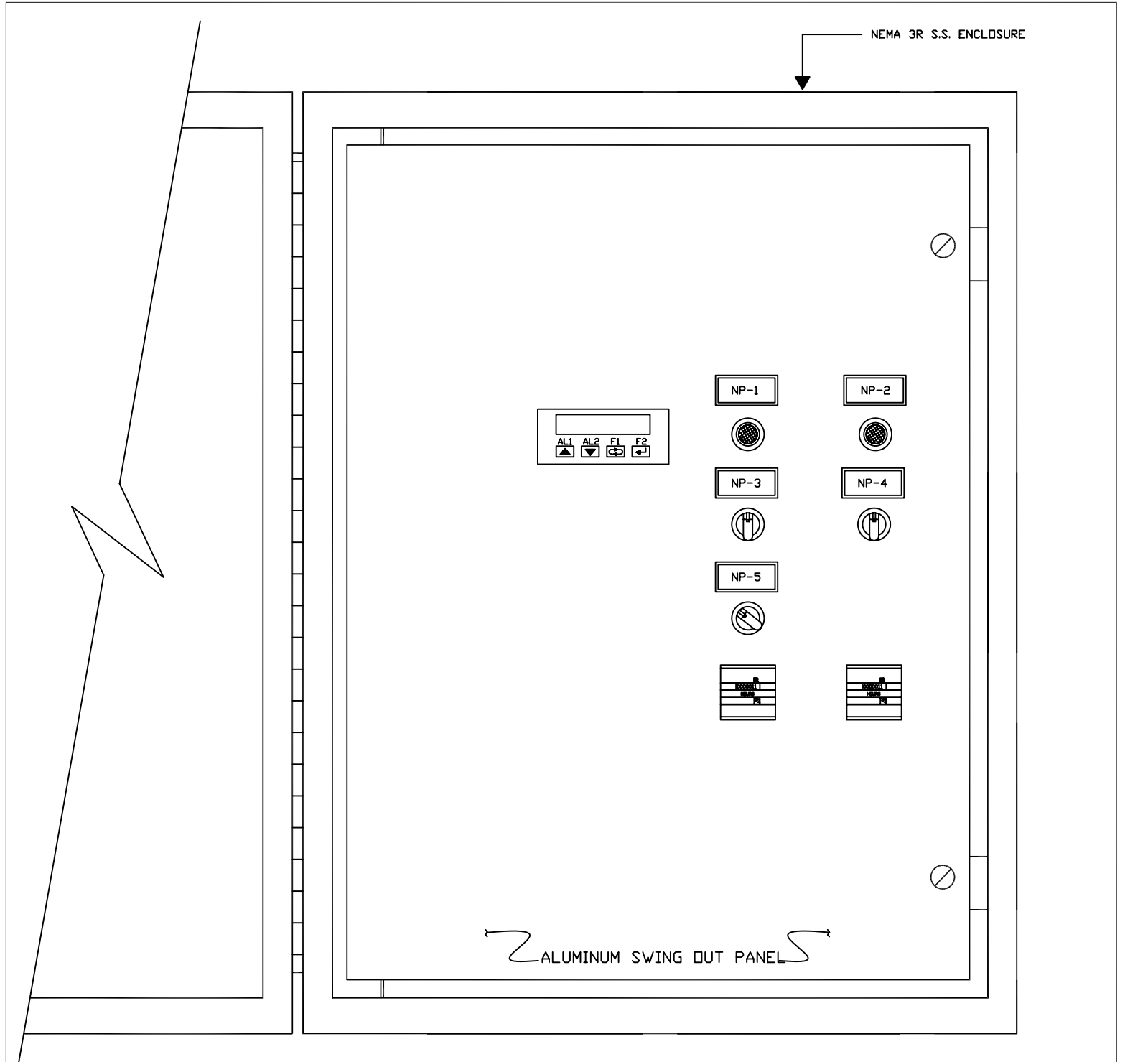
SHIP TO:	<u></u>
	<u></u>
	<u></u>

	Drawing Title							
	PANEL DESCRIPTION							
DATE 6/13/06			REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer T.L.	DRAWN BY CTR	ECN	DATE
	Project Title	<div style="text-align: center;"> COX Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER	
	WELL CONTROL PANEL				Ph. (225)756-3271 Fax (225)755-1030		DRAWING NUMBER CP-2399	
					SHEET NUMBER		1	





	Drawing Title								
	CONTROL DIAGRAM								
DATE 6/13/06		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer T.L.	ECN	DATE	BY		
				DRAWN BY CTR	APPROVED BY	DATE			
	Project Title	<div>COX</div> <div>Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER		
	WELL CONTROL PANEL				Ph. (225)756-3271 Fax (225)756-1030		DRAWING NUMBER CP-2399		
							SHEET NUMBER		
							3		



VIEW OF SWING OUT PANEL

NAMEPLATE SCHEDULE

NP-1	WELL 4 CALL
NP-2	CHLORINE PUMP RUN
NP-3	HOA
NP-4	HOA
NP-5	SOFT START OFF BY-PASS

Drawing Title									
ENCLOSURE									
DATE 8/01/06		REFERENCE DRAWING		NO.		REVISION-LOCATION		ECN	
		S/N		Sales Engineer C.C.		Application Engineer T.L.		DRAWN	
Project Title						BY		APPROVED	
						CTR		BY	
								DATE	
WELL CONTROL PANEL								PURCHASE ORDER NUMBER	
								DRAWING NUMBER	
								CP-2399	
								SHEET NUMBER	
								4	

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	C & I	C-603616SRHPL	ENCLOSURE
1a	1	C & I	CI-6036P	BACKPLATE
1b	1	C & I	CI-6036SPA	DEAD FRONT
2	1	DELTA	LA603	LIGHTNING ARRESTER
3	1	SSAC	PLMU11	PHASE MONITOR
4	1	ABB	S4N250BW	CB1
5	1	ABB	PST210-600-70	SOFT START
6	1	ABB	PSLK-300/2	LUGS FOR SOFT START BOTTOM
7	2	ABB	LT300-AL	SHROUDS FOR SOFT START
8	1	ABB	A260N5-30-11-84	BYPASS CONTACTOR
9	2	ABB	ATK-300	LUGS FOR BYPASS
10	1	ABB	TA450DU185	OL 1 (130-185A)
11	1	ABB	PSLK-300	LUGS FOR SOFT START BOTTOM
12	2	ABB	K4TE	LUGS FOR BREAKER 1
13	1	ABB	T1N040TL	CB2
14	2	MARATHON	1323580	DISTRIBUTION BLOCK 2,3
15	1	SQUARE D	9080LBA3652021	DISTRIBUTION BLOCK 1
16	1	SQUARE D	9070TF1000D1	TRANSFORMER
17	1	SQUARE D	QOU230	CB3
18	1	ABB	A26N1-30-10-84	CL2 MS
19	1	ABB	TA25DU19	OL2 (13-19A)
20	1	SQUARE D	QOU120	CB4
21	1	ABB	CAL5-11	AUXILIARY CONTACT
22	2	DAYTON	5X829	TIME DELAY
23	1	IDEC	RY2S-UAC120V	CR2
24	4	IDEC	RY2S-UDC24V	CR10,11,12,13
25	1	REDINGTON	711-0190	ELAPSED TIME METER
26	3	A-B	800H-JR2A	3 POSITION SWITCH
27	1	A-B	800H-QR10A	LIGHT
28	1	IDEC	RY4S-UAC120V	CR1
29	1	SIEMENS	-	24VDC POWER SUPPLY
30	1	DIGITEC	D3220	SET POINT CONTROLLER
31	1	SENSAPHONE	1104	PHONE DIALER
32	1	ROSEMONT	3051	TRANSDUCER
33	1	OMRON	MK2P-S	CR3

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	BILL OF MATERIALS						
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	Project Title	<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 150px;"> COX <small>Research and Technology, Inc.</small> </div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030		APPROVED BY DATE PURCHASE ORDER NUMBER DRAWING NUMBER CP-2399 SHEET NUMBER 5
	WELL CONTROL PANEL						