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

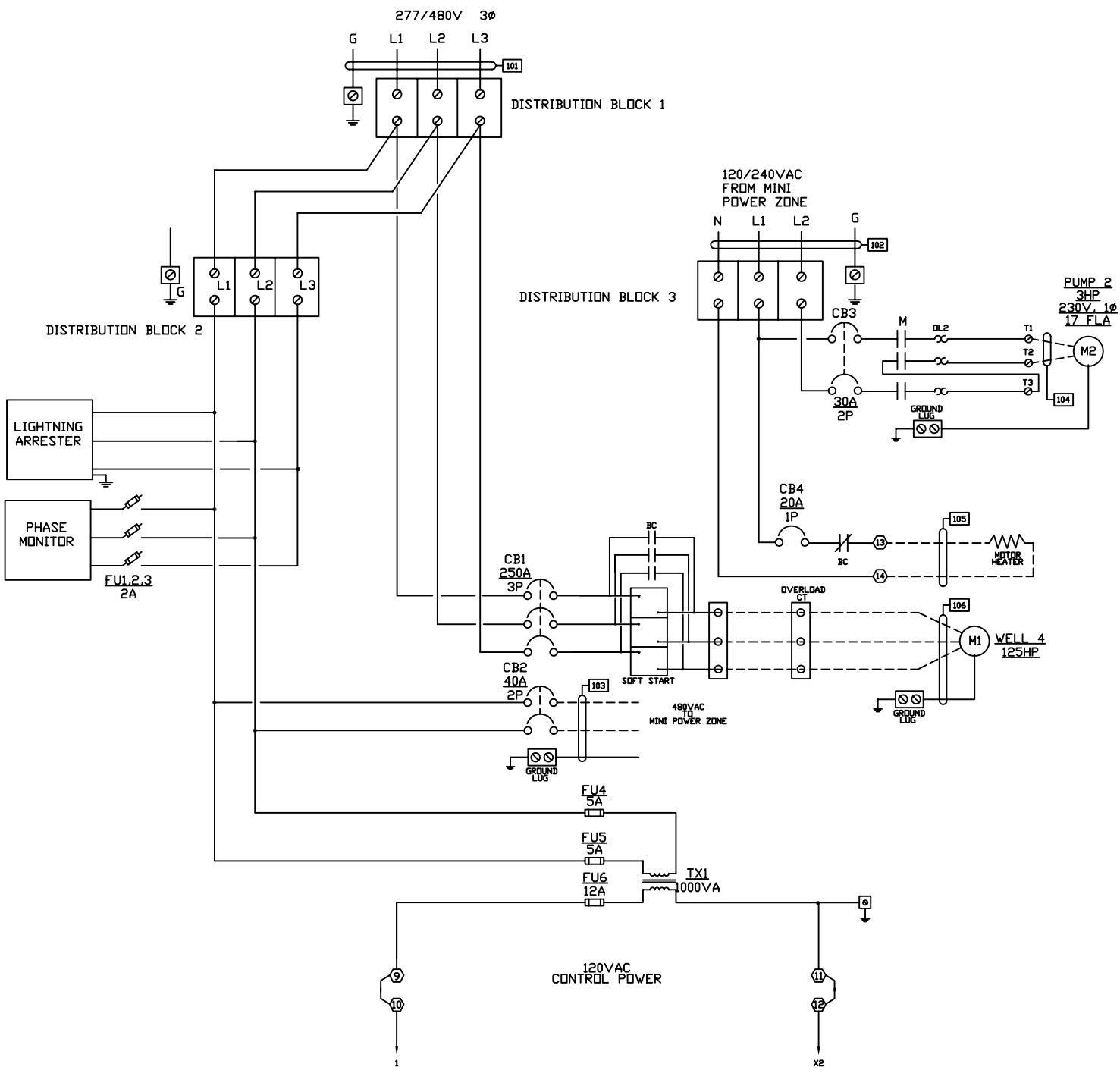
OPTIONS:

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		
LIGHT PANEL MTD		
LIGHT REMOTE MTD		
LIGHT FLASHER		
LIGHTNING ARRESTER	X	
ELAPSED TIME METER	X	
PHASE MONITOR	X	
NEMA RATED STARTERS	X	
GROUND FAULT RECPT.		
GREEN RUN LIGHTS VS. RED		
POLE, BOX, SEAL		
INTRINSICALLY SAFE RELAYS		
HIGH TEMP. LOCKOUT, MANUAL RESET		
ECONOMY VERSION		

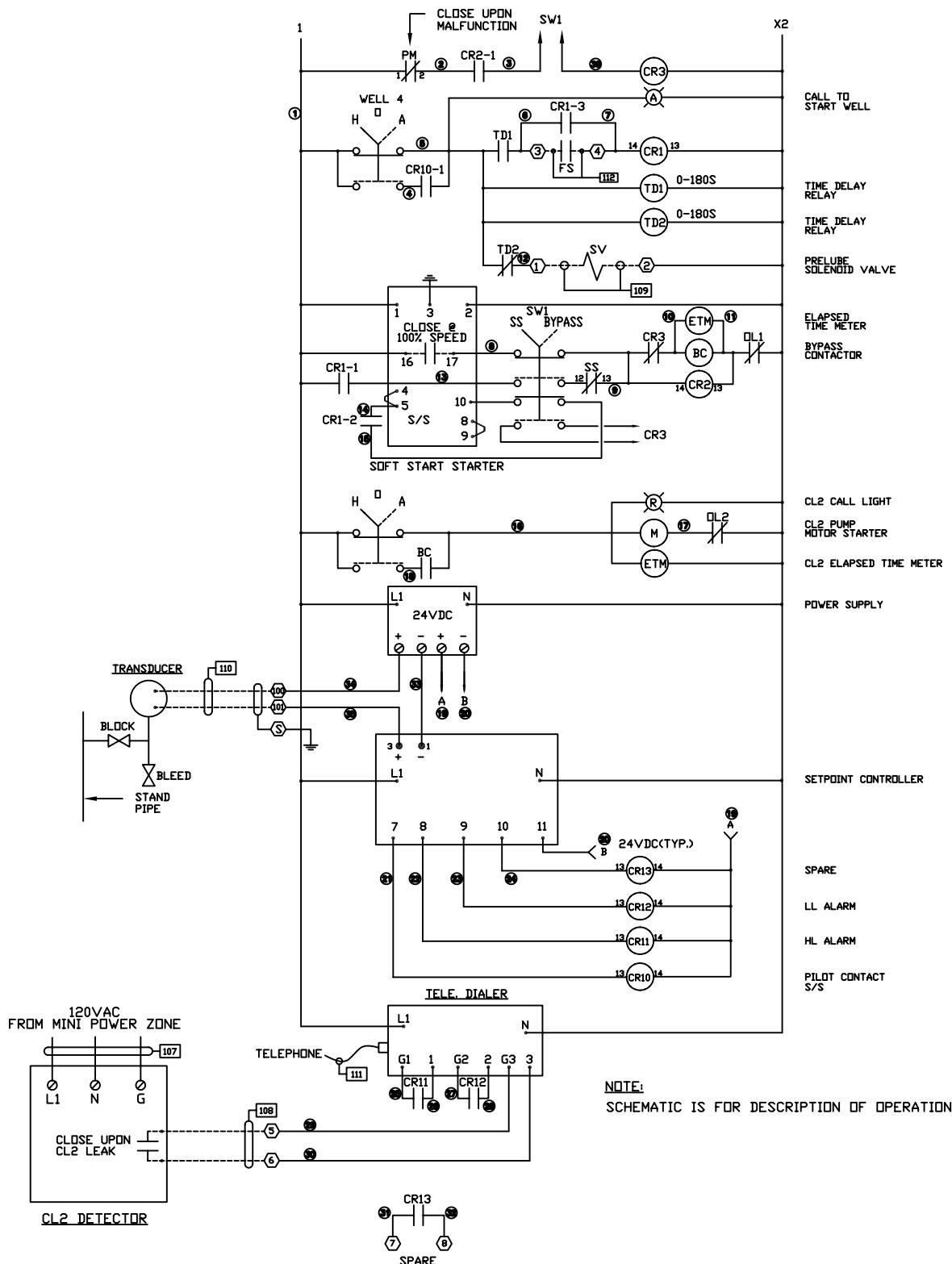
SOLD TO: Dennis Downs Electric
 TAG : Ward 4 Water District
 Vernon Parish Well Control Panel

SHIP TO:

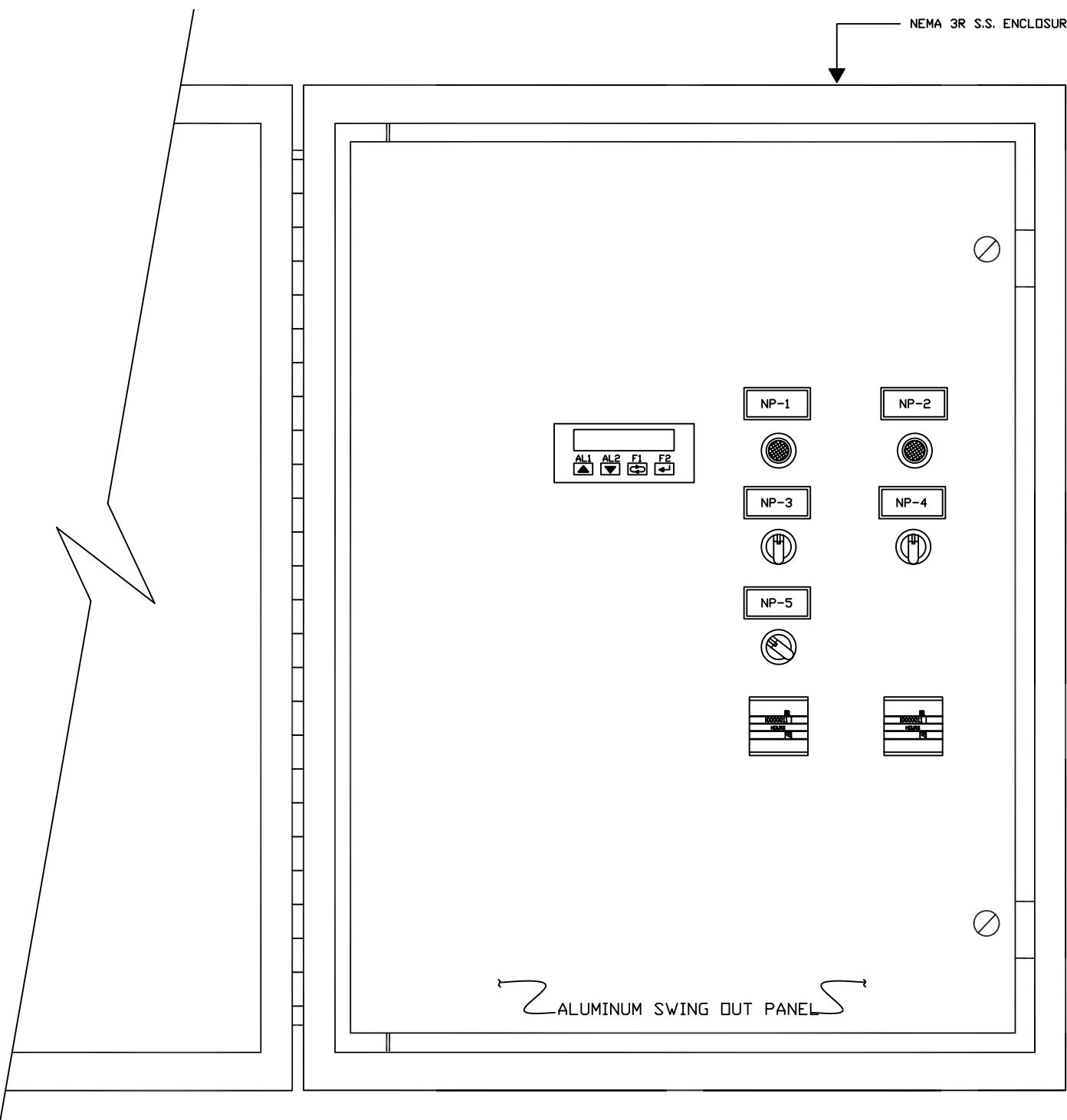
	Drawing Title							
		REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE
DATE 6/13/06	PANEL DESCRIPTION	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED		
		C.C.		T.L.	BY CTR	BY	DATE	
	Project Title							PURCHASE ORDER NUMBER
	WELL CONTROL PANEL	<u>COX</u>		P.O. Box 77808 Baton Rouge, LA 70809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



	Drawing Title POWER DIAGRAM			
DATE 6/13/06	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer T.L.	ECN DRAWN BY CTR
				DATE APPROVED BY DATE
Project Title WELL CONTROL PANEL	COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER	
			DRAWING NUMBER CP-2399	
			SHEET NUMBER 2	



	Drawing Title CONTROL DIAGRAM			
DATE 6/13/06		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN T.L.
				ECN APPROVED BY DRAWN T.L.
	Project Title WELL 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-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 S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer T.L.	ECN DRAWN BY CTR	DATE APPROVED BY	BY
Project Title WELL CONTROL PANEL		<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 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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	REFERENCE DRAWING S/N		NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN T.L. BY CTR		ECN APPROVED BY	DATE DRAWN BY DATE	BY	
DATE 6/13/06	Project Title WELL 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-2399 SHEET NUMBER			