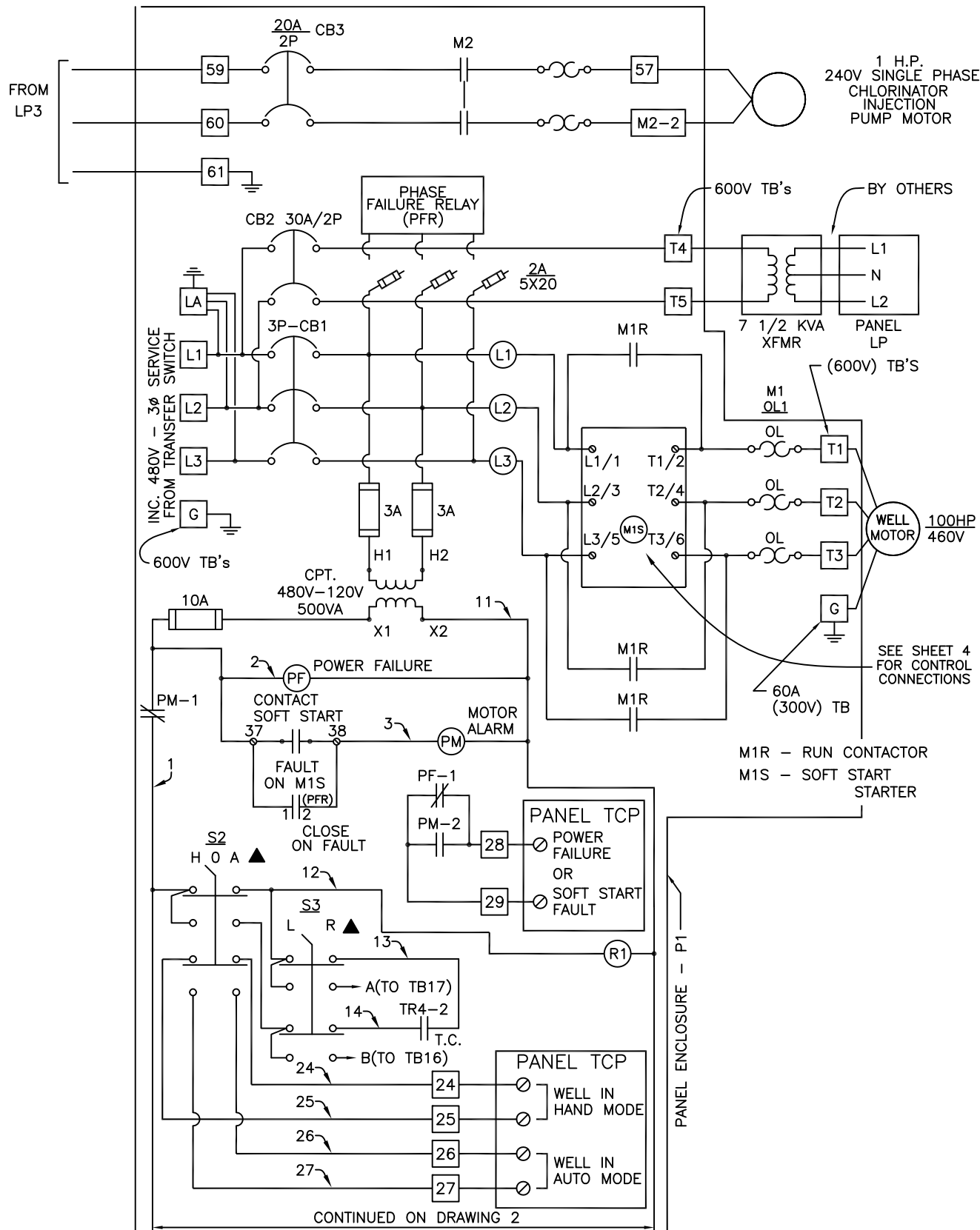

COX

Research and Technology, Inc.

PANEL P1
CONTROL PANEL
HWY 63 WATERWELL

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

CP-1396



PANEL WIRING DIAGRAM

N.T.S.

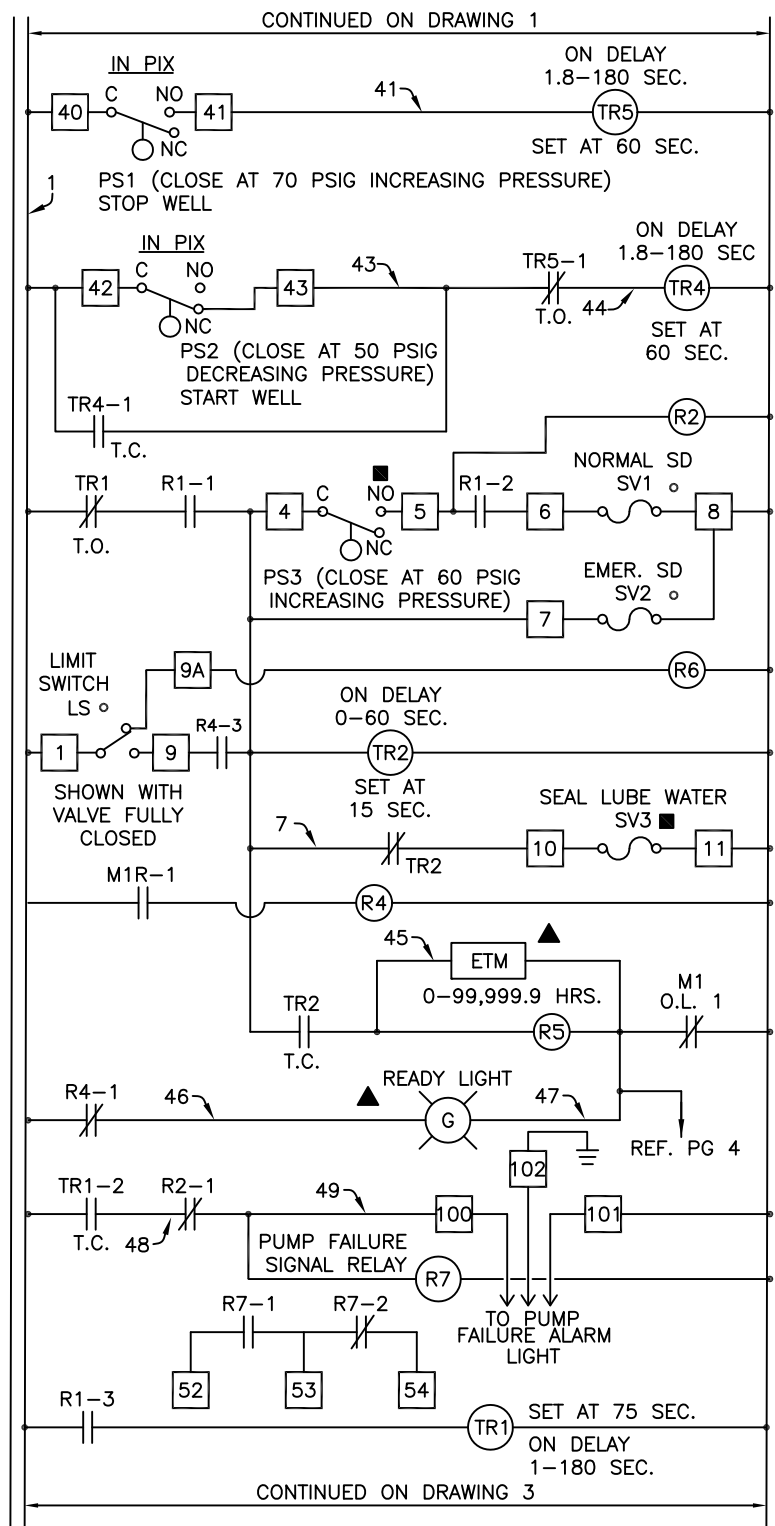
Drawing Title									
POWER/CONROL DIAGRAM									
DATE		REFERENCE DRAWING		NO.		REVISION-LOCATION		ECN	
4/23/02		S/N		Sales Engineer		Application Engineer		DRAWN	
				C.C.		R.C.		BY M.S.	
Project Title								APPROVED	
HWY 63 WATERWELL								BY	
								DATE	
								PURCHASE ORDER NUMBER	
								DRAWING NUMBER	
								CP-1396	
								SHEET NUMBER	
								1	

COX

Research and Technology, Inc.

P.O. Box 77808
Baton Rouge, LA
70809

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Fax (225)756-1030



- ▲ LOCATED ON SWING PANEL
- LOCATED ON CHECK VALVE (BY OTHERS)
- LOCATED NEAR MOTOR (BY OTHERS)
- OPERATOR LOCATED ON PANEL DOOR

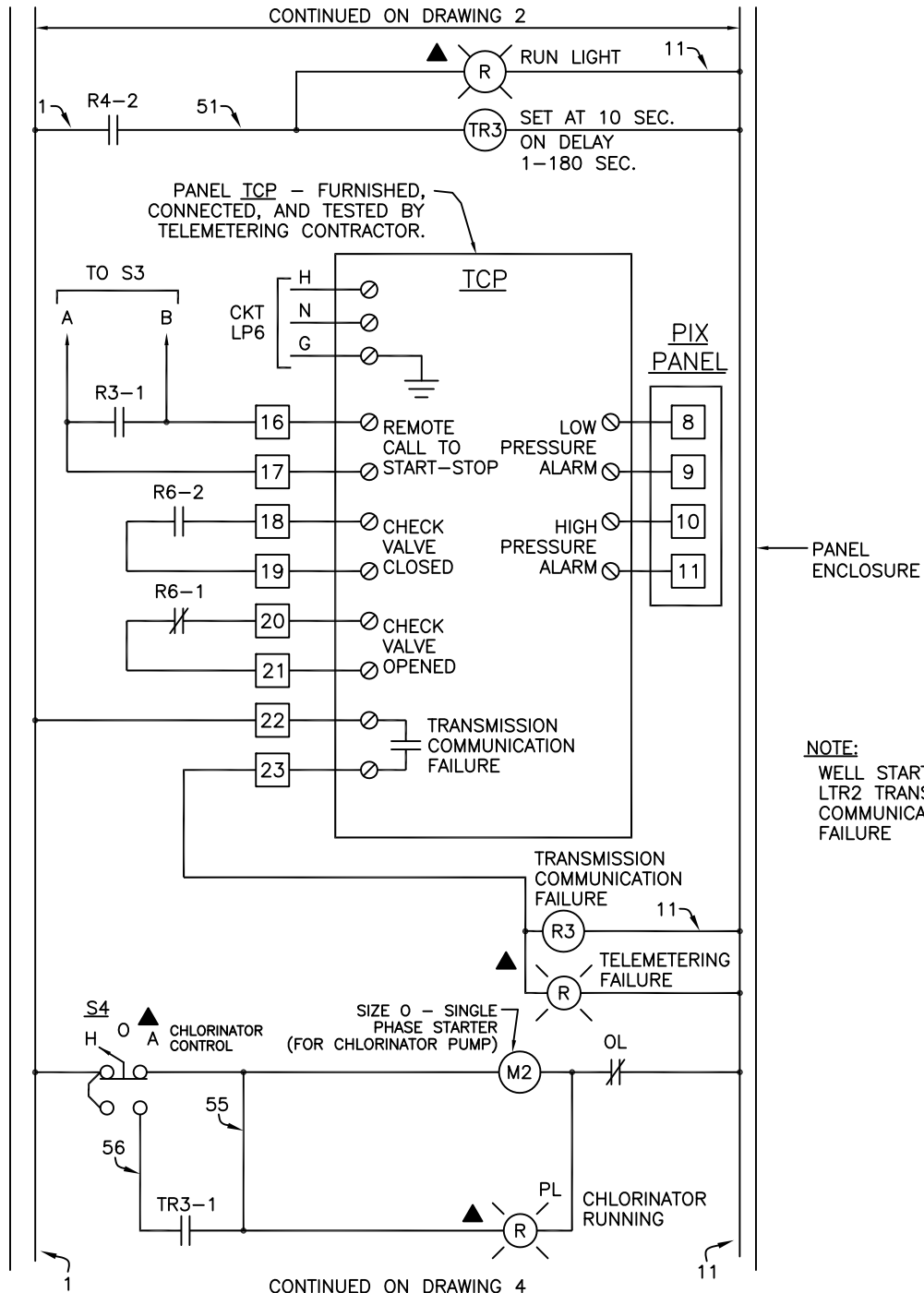
NOTE:
LOCATE PS3 AHEAD OF CHECK VALVE

PANEL ENCLOSURE - P1

PANEL WIRING DIAGRAM

N.T.S.

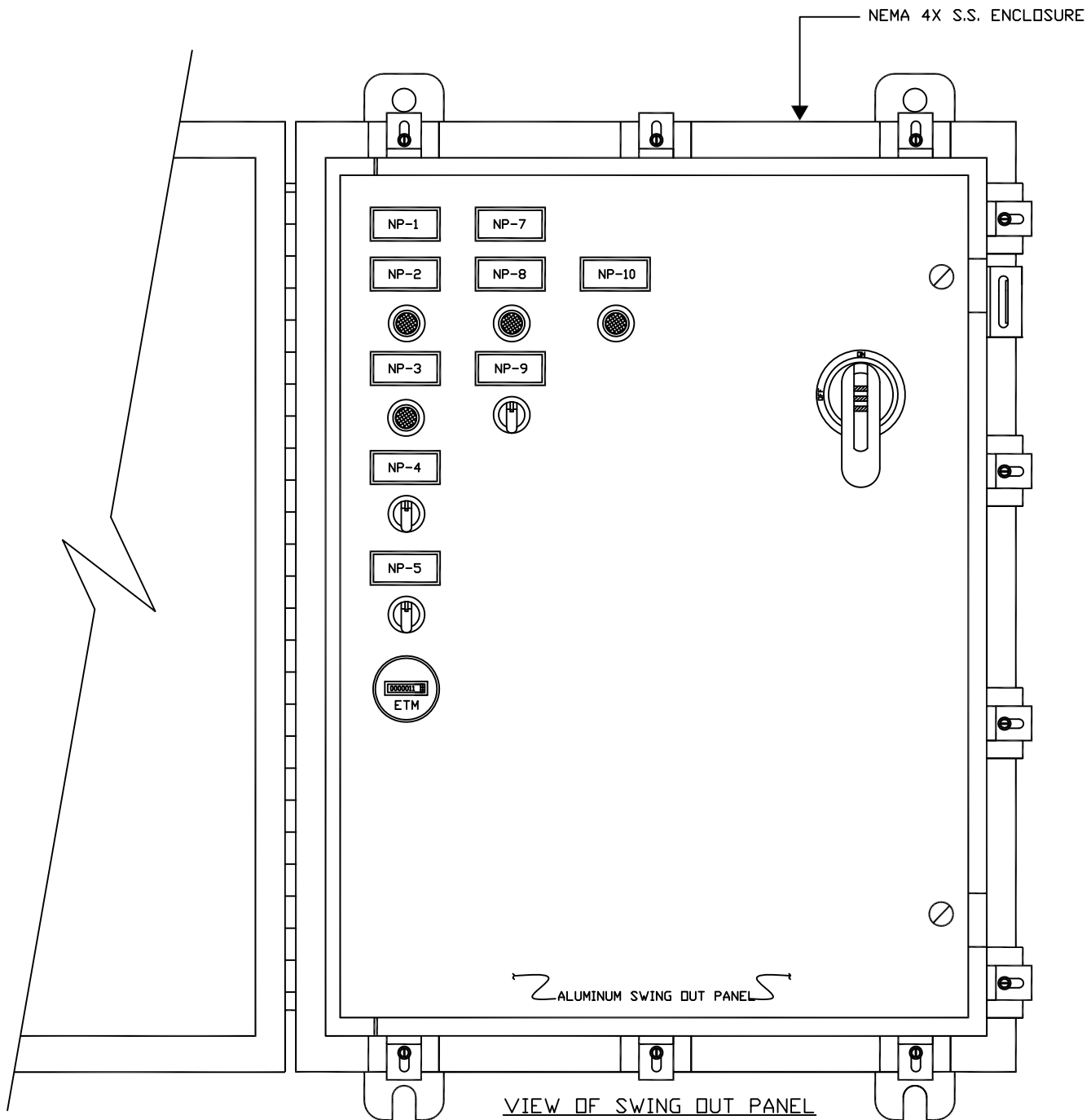
Drawing Title									
DATE 4/24/02		Sales Engineer C.C.		Application Engineer R.C.		DRAWN BY M.S.		APPROVED BY DATE	
Project Title								PURCHASE ORDER NUMBER	
HWY 63 WATERWELL		<div style="text-align: center;"> COX Research and Technology, Inc. </div>		P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030		DRAWING NUMBER CP-1396 SHEET NUMBER 2			



PANEL WIRING DIAGRAM

N.T.S.

Drawing Title							
CONTROL DIAGRAM		REFERENCE DRAWING		NO.		REVISION-LOCATION	
		S/N		Sales Engineer		Application Engineer	
DATE		C.C.		R.C.		DRAWN	
4/24/02						APPROVED	
Project Title						PURCHASE ORDER NUMBER	
HWY 63 WATERWELL		COX		Research and Technology, Inc.		DRAWING NUMBER	
						CP-1396	
						SHEET NUMBER	
						3	



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 WELL
NP-2 READY
NP-3 RUN
NP-4 HOA
NP-5 LOCAL-REMOTE
NP-6 CHLORINATOR
NP-7 RUN
NP-8 HOA
NP-9 TRANSMITTER COMMUNICATION
FAILURE

	Drawing Title 	
--	---	--

BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	S483610N4X-6	ENCLOSURE
2	1	EBE	A4836P	BACKPLATE
3	1	EBE	A4836SP	DEADFRONT
4	1	ABB	S3B200TW	CB1 200A-3P 480V
5	1	ABB	S3N030TW-2	CB2 30A-2P 480V
6	1	SQUARE D	9070TF500D1	TRANSFORMER
7	1	SIEMENS	70NL34BFA	SOLIDSTATE SOFT START
8	1	ABB	EHN145C-1	MOTOR STARTER
9	1	ABB	TA110DU110	O.L.
10	1	ABB	AB200A	SEPARATE MOUNT
11	2	ABB	LT 200/160	TERMINAL COVER
12	12	OMRON	MK3PN5SAC120	RELAY
13	3	MARATHON	6SC30A1I	FUSE HOLDER
14	6	DAYTON	5X829	ON DELAY
15	1	ABB	A16N0-30-10-84	M2
16	1	ABB	TA25DU8.5	O.L. (6.0-8.5A)
17	2	SQUARE D	9001KS43B	HOA
18	1	SQUARE D	9001KS11B	LOCAL REMOTE SELECTOR
19	1	HUBBELL	NAV15GG	PUMP FAIL LIGHT
20	1	HUBBELL	VRGP100	RED GLOBE
21	3	ACI	JR30FR	RED PILOT LIGHT
22	1	ACI	JR30FG	GREEN PILOT LIGHT
23	1	GRASSLIN	UWZ52-E	ETM
24	1	ABB	K5VD-M	MECH OPERATOR
25	1	ABB	OXP10X225	SHAFT
26	1	ABB	OHB95L10	PISTOL HANDLE
27	1	CH	CHSA03	LIGHTNING ARRESTOR
28	1	SSAC	PLMU11	PHASE FAILURE RELAY

	Drawing Title							
	<h3 style="margin: 0;">BILL OF MATERIALS</h3>							
DATE 8/15/02		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY CTR	ECN	DATE	BY
		<div style="font-size: 24pt; font-weight: bold; margin: 0;">COX</div> <div style="font-size: 10pt; margin: 0;">Research and Technology, Inc.</div>		<div style="font-size: 10pt; margin: 0;">P.O. Box 77808 Baton Rouge, LA 70809</div> <div style="font-size: 10pt; margin: 0;">Ph. (225)756-3271 Fax (225)756-1030</div>		<div style="font-size: 10pt; margin: 0;">APPROVED BY DATE</div>		
	Project Title	<div style="font-size: 24pt; font-weight: bold; margin: 0;">COX</div> <div style="font-size: 10pt; margin: 0;">Research and Technology, Inc.</div>			<div style="font-size: 10pt; margin: 0;">P.O. Box 77808 Baton Rouge, LA 70809</div> <div style="font-size: 10pt; margin: 0;">Ph. (225)756-3271 Fax (225)756-1030</div>		<div style="font-size: 10pt; margin: 0;">PURCHASE ORDER NUMBER</div>	
	<h3 style="margin: 0;">HWY 63 WATERWELL</h3>						<div style="font-size: 10pt; margin: 0;">DRAWING NUMBER CP1396</div>	
							<div style="font-size: 10pt; margin: 0;">SHEET NUMBER 7</div>	