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# COX

Research and Technology, Inc.

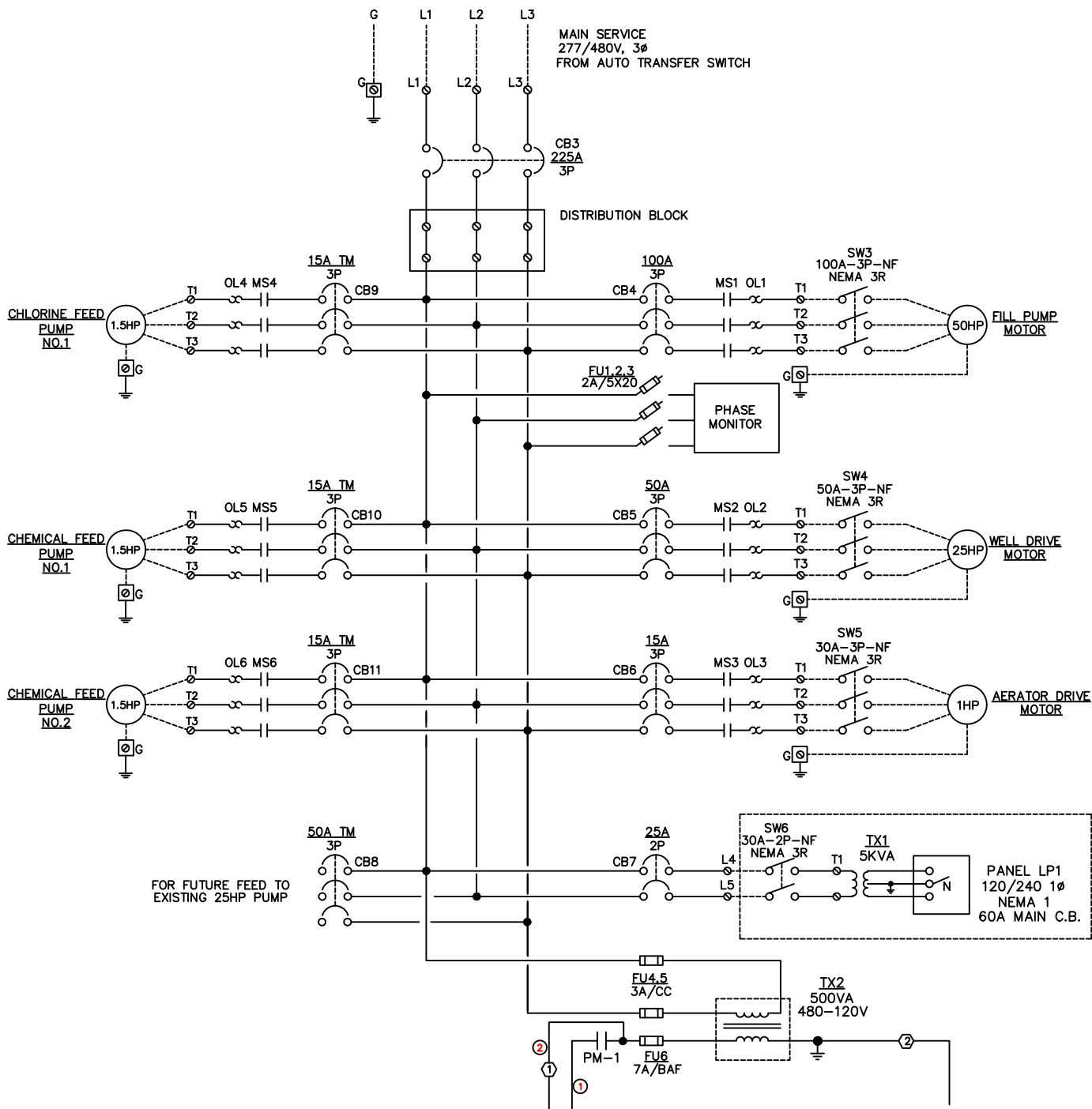
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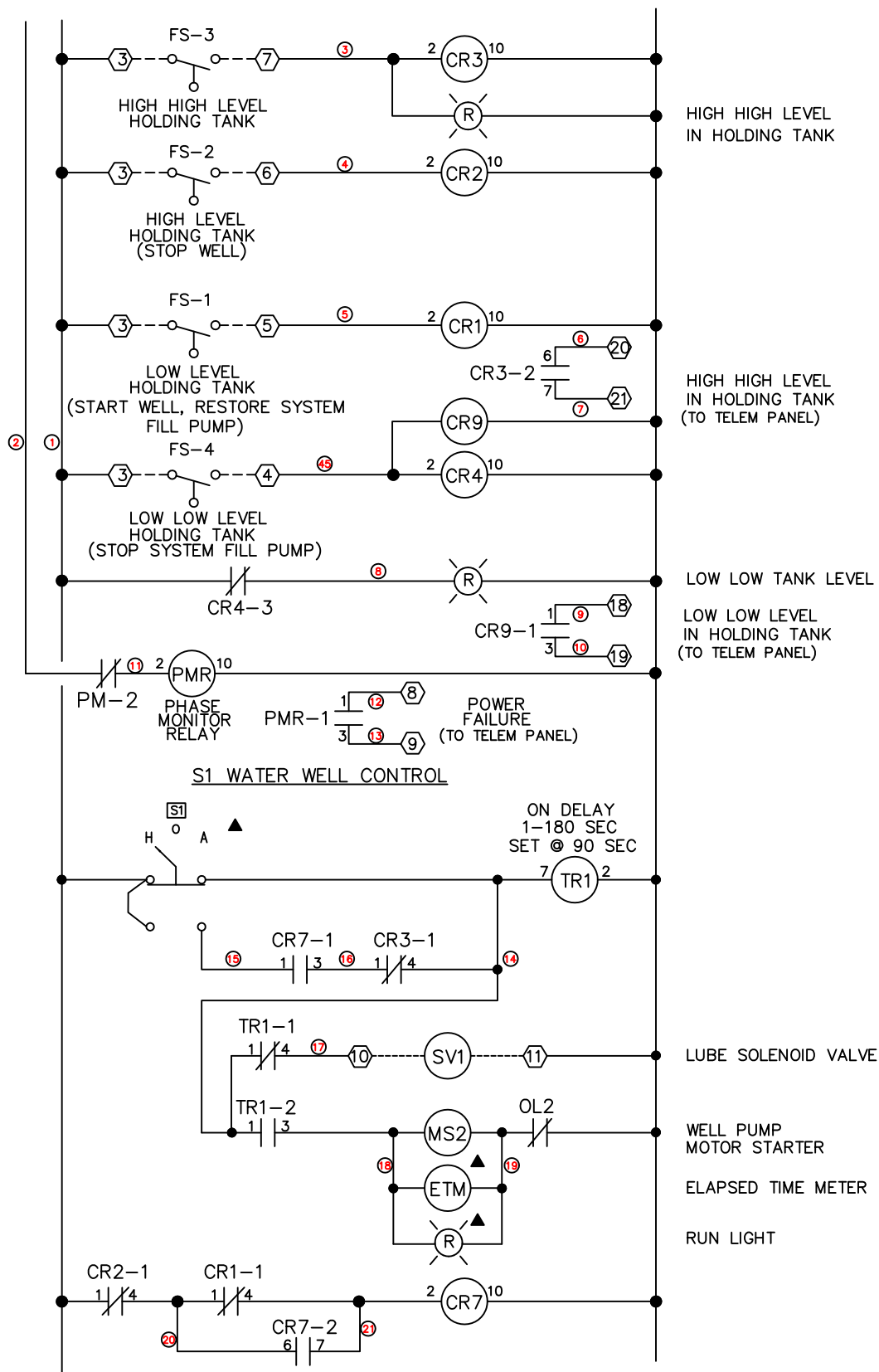
## WARD 4 CONTROL PANEL

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

CP-2234

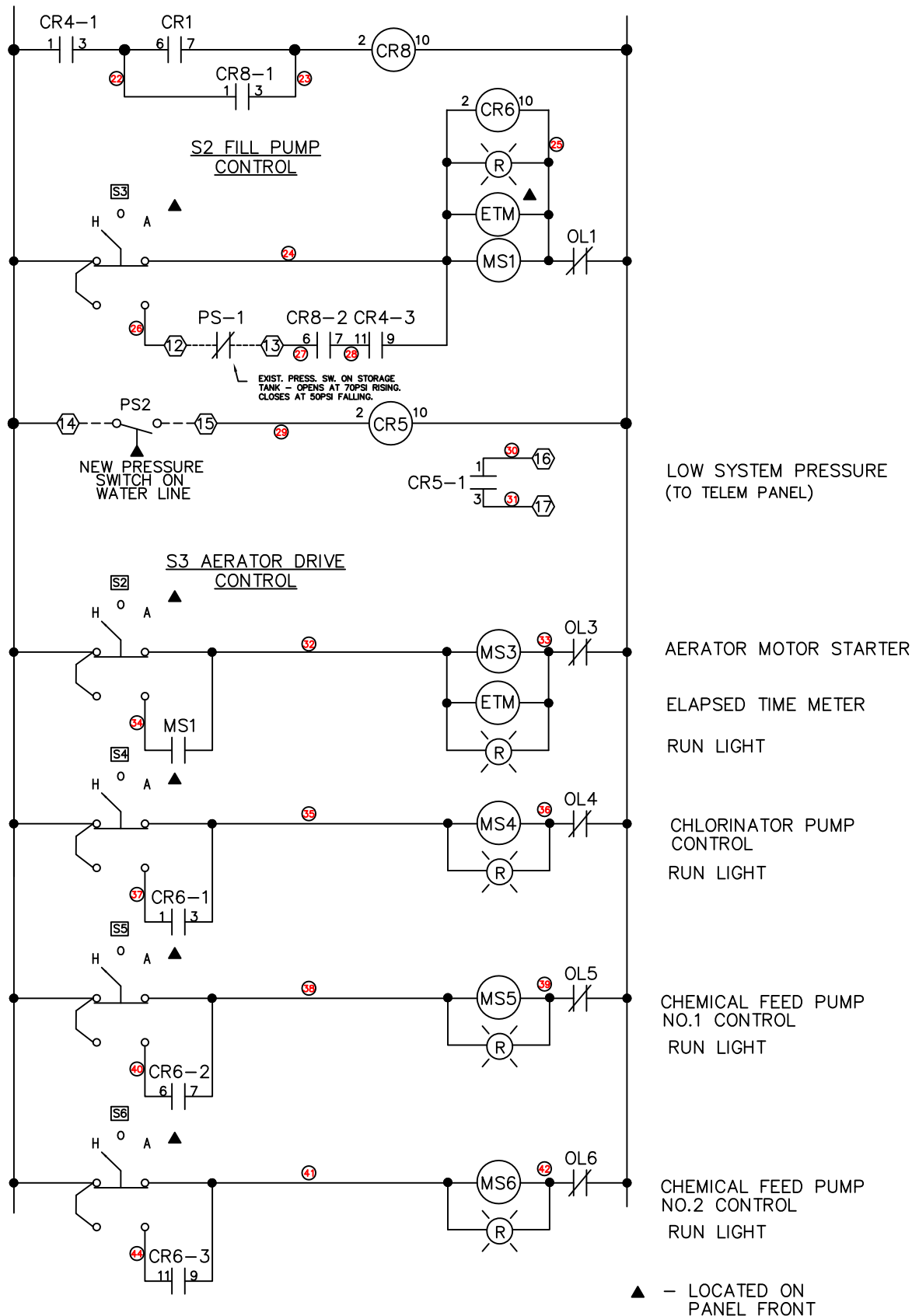


	Drawing Title  
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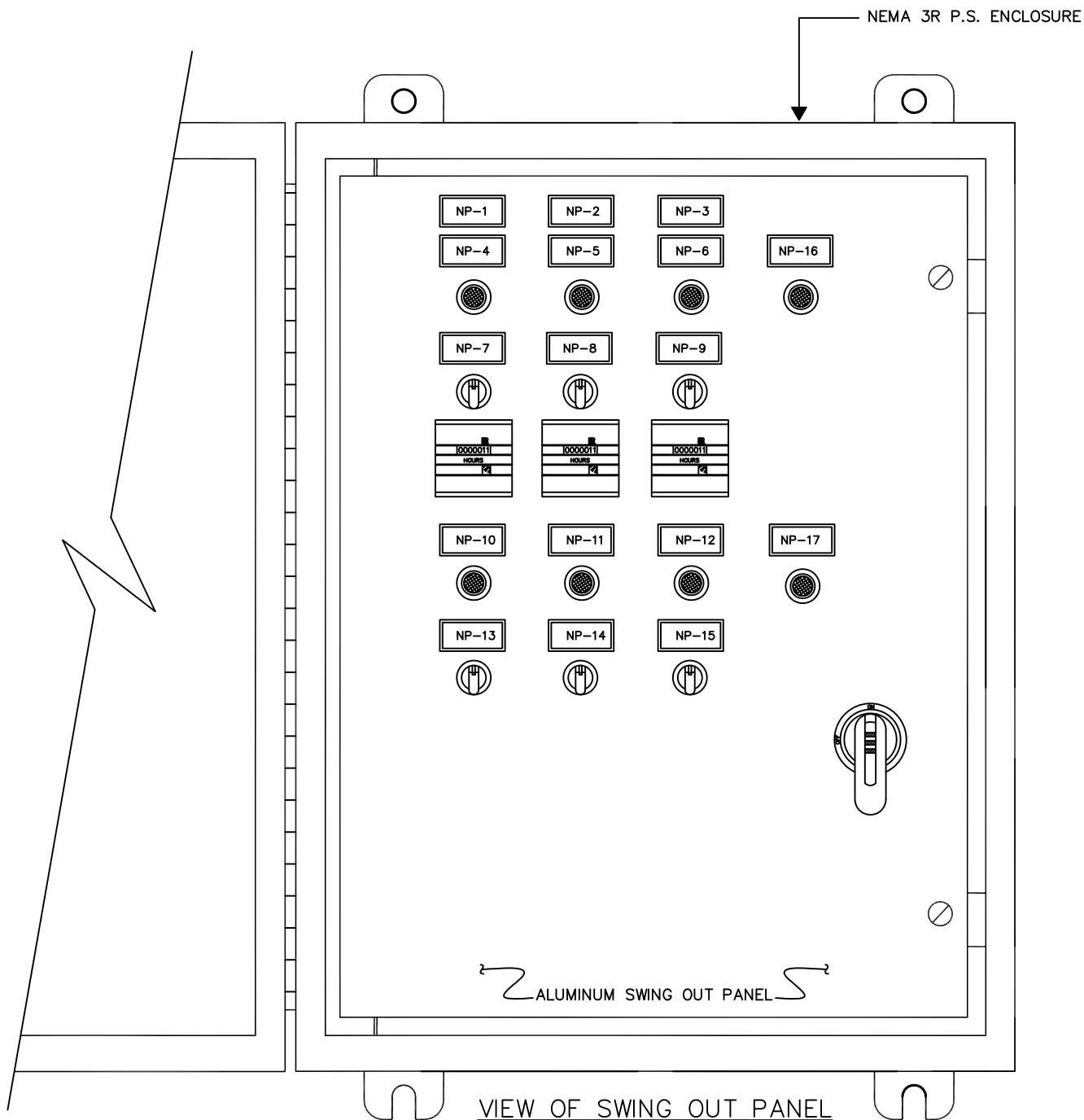


	Drawing Title				
	CONTROL DIAGRAM				
DATE 12/13/05		REFERENCE DRAWING S/N	Sales Engineer C.C.	NO. Application Engineer R.C.	REVISION-LOCATION DRAWN BY C. RACHAL
	Project Title  WARD 4 CONTROL PANEL	<div data-bbox="776 1955 889 2001" data-label="Text"> <p><b>COX</b></p> </div> <div data-bbox="711 2009 954 2037" data-label="Text"> <p>Research and Technology, Inc.</p> </div>		<div data-bbox="1068 1927 1209 1995" data-label="Text"> <p>P.O. Box 77808 Baton Rouge, LA 70809</p> </div> <div data-bbox="1068 2013 1221 2060" data-label="Text"> <p>Ph. (225)756-3271 Fax (225)755-1030</p> </div>	
					<div data-bbox="1295 1921 1555 1942" data-label="Text"> <p>PURCHASE ORDER NUMBER</p> </div> <div data-bbox="1295 1988 1534 2030" data-label="Text"> <p>DRAWING NUMBER CP-2234</p> </div> <div data-bbox="1295 2030 1518 2068" data-label="Text"> <p>SHEET NUMBER 2</p> </div>

MARK	DESCRIPTION
S1	WELL CONTROL HAND-OFF-AUTO
S2	AERATOR MOTOR HAND-OFF-AUTO
S3	FILL PUMP HAND-OFF-AUTO
S4	CHLORINATOR PUMP HAND-OFF-AUTO
S5	CHEMICAL FEED PUMP NO.1 HAND-OFF-AUTO
S6	CHEMICAL FEED PUMP NO.2 HAND-OFF-AUTO



Drawing Title	CONTROL DIAGRAM		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
DATE 12/13/05			S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED BY	DATE
Project Title	WARD 4 CONTROL PANEL		COX Research and Technology, Inc.			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER	
							DRAWING NUMBER CP-2234	
							SHEET NUMBER	3



**NOTES:**  
 RUN TIME METERS ARE INSIDE OF CONTROL PANEL.  
 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 PUMP	NP-10	CHLORINE PUMP
NP-2	AERATOR	NP-11	CHEMICAL PUMP 1
NP-3	FILL PUMP	NP-12	CHEMICAL PUMP 2
NP-4	RUN	NP-13	HOA
NP-5	RUN	NP-14	HOA
NP-6	RUN	NP-15	HOA
NP-7	HOA	NP-16	HIGH LEVEL
NP-8	HOA	NP-17	LOW LEVEL
NP-9	HOA		

	ENCLOSURE									
DATE 12/13/05			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  WARD 4 CONTROL PANEL		<div>COX</div> <div>Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809  Ph. (225)756-3271 Fax (225)755-1030		PURCHASE ORDER NUMBER		
DRAWING NUMBER CP-2234										
SHEET NUMBER										
4										

# BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	C&I	C-363010RHPL	ENCLOSURE
1a	1	C&I	CI-3630P	BACKPLATE
1b	1	C&I	CI-3630SPA	DEAD FRONT
2	1	ABB	S3N225TW	CB3
3	1	ABB	K5VDM	MECHANICAL OPERATOR
4	1	ABB	OXF10X225	SHAFT
5	1	ABB	OHB65J10	HANDLE
6	1	BUSSMAN	16370-3	DISTRIBUTION BLOCK
7	1	BUSSMAN	CPDB-3	DISTRIBUTION BLOCK COVER
8	1	ABB	T1N100TL	CB4
9	2	ABB	T1N050TL	CB5,8
10	4	ABB	T1N015TL	CB6,9,10,11
11	1	ABB	S202-UPK25	CB7
12	1	ABB	A75-30-11-84	MS1
13	1	ABB	A40-30-10-84	MS2
14	4	ABB	A16-30-10-84	MS3,4,5,6
15	1	ABB	TA75DU80	OL1 (60-80A)
16	1	ABB	TA42DU42	OL2 (29-42A)
17	1	ABB	TA25DU2.4	OL3 (1.7-2.4A)
18	3	ABB	TA25DU3.1	OL4 (2.2-3.1A)
19	1	SSAC	PLMU11	PHASE MONITOR
20	1	ABB	T4500PSF-1	TRANSFORMER
21	9	OMRON	5ZH98	CR1-8, PMR
22	1	DAYTON	5X829	TR1
23	3	REDINGTON	711-0190	ELAPSED TIME METER
24	8	A-B	800H-QR10R	PILOT LIGHTS
25	6	A-B	800H-JR2A	H-0-A
26				
27				
28				
29				
30				
31				
32				
33				

	Drawing Title						
	<b>BILL OF MATERIALS</b>						
DATE 12/13/05		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY
	Project Title	<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 100px;"> <b>COX</b>  <small>Research and Technology, Inc.</small> </div>			P.O. Box 77808 Baton Rouge, LA 70809  Ph. (225)756-3271 Fax (225)755-1030		PURCHASE ORDER NUMBER  DRAWING NUMBER CP-2234 SHEET NUMBER 5
	WARD 4 CONTROL PANEL						