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# COX

Research and Technology, Inc.

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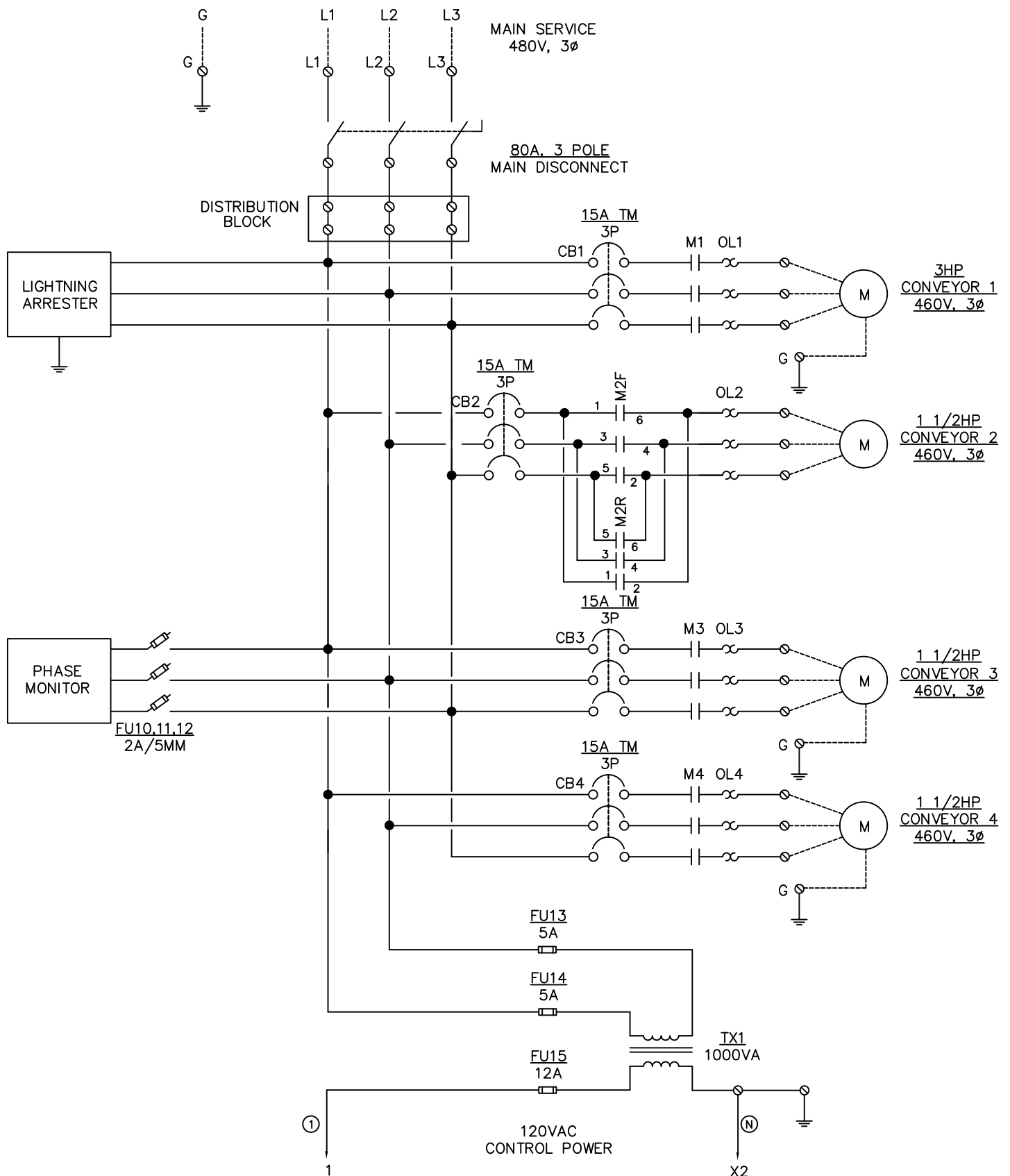
CONVEYOR  
CONTROL PANEL  
LAKE CHARLES PLANT D

# AS BUILTS

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

CP-1742



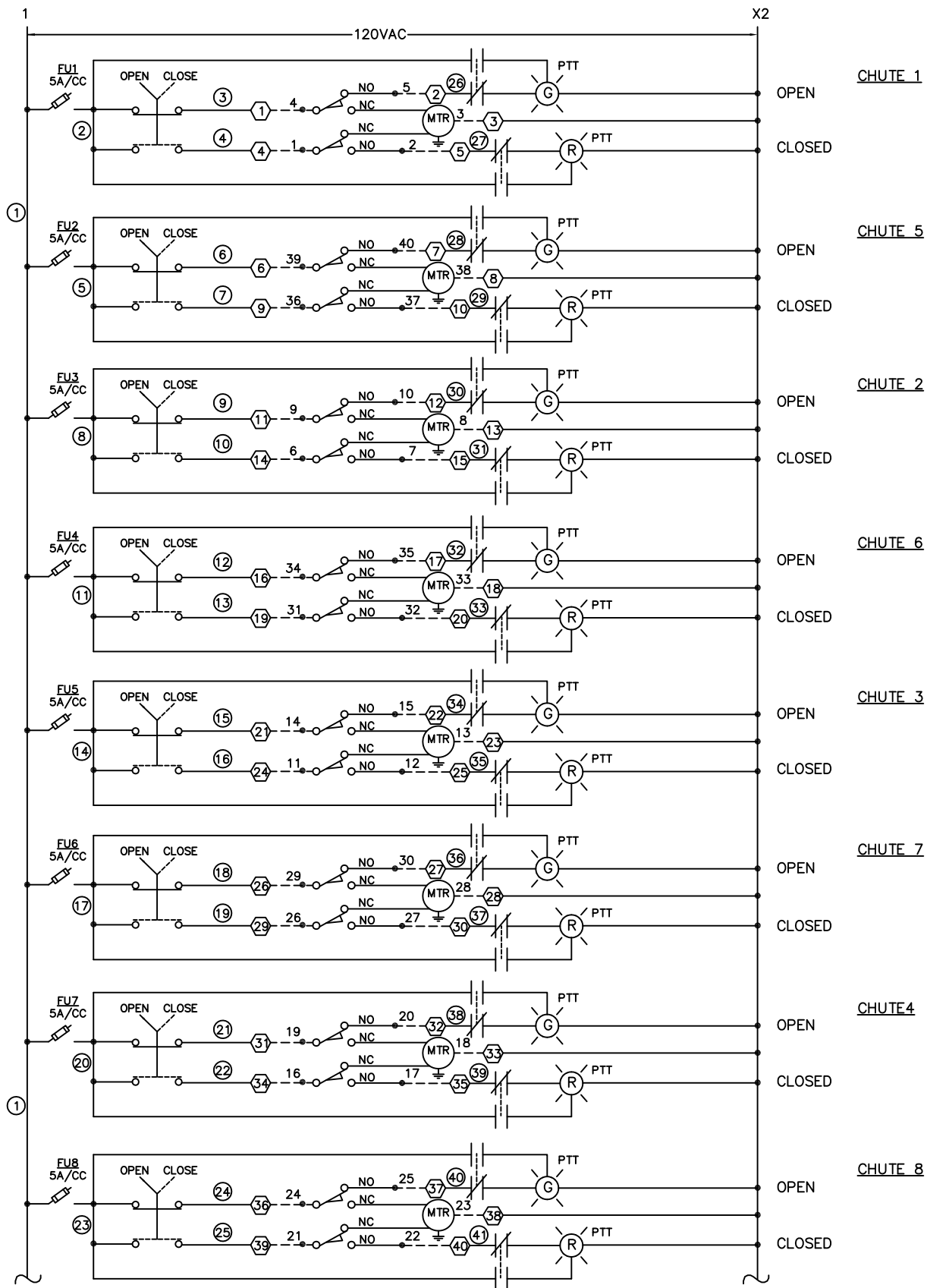
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	POWER DIAGRAM								
DATE 02/02/04		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY	APPROVED	
	Project Title			BY C. RACHAL					PURCHASE ORDER NUMBER
	CONVEYOR CONTROL PANEL								DRAWING NUMBER CP-1742
									SHEET NUMBER 1

**COX**

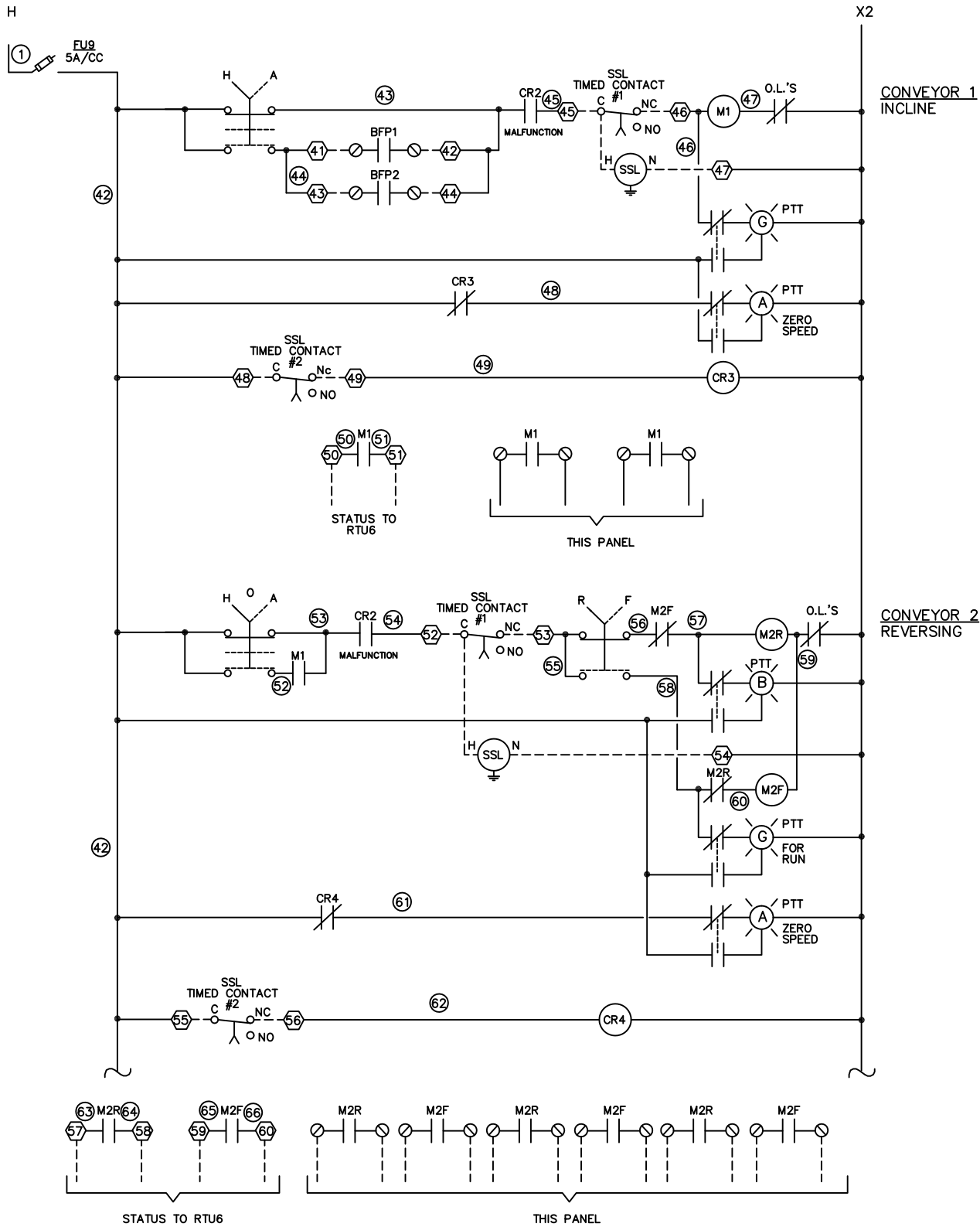
Research and Technology, Inc.

P.O. Box 77808  
Baton Rouge, LA  
70809

Ph. (225)756-3271  
Fax (225)756-1030

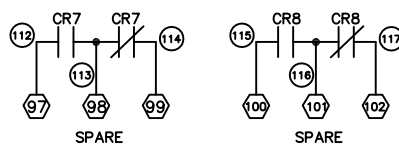
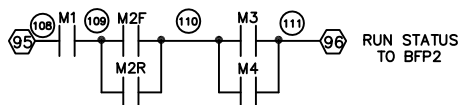
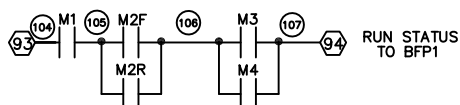
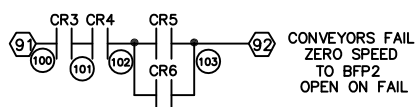
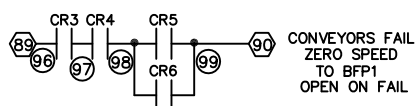
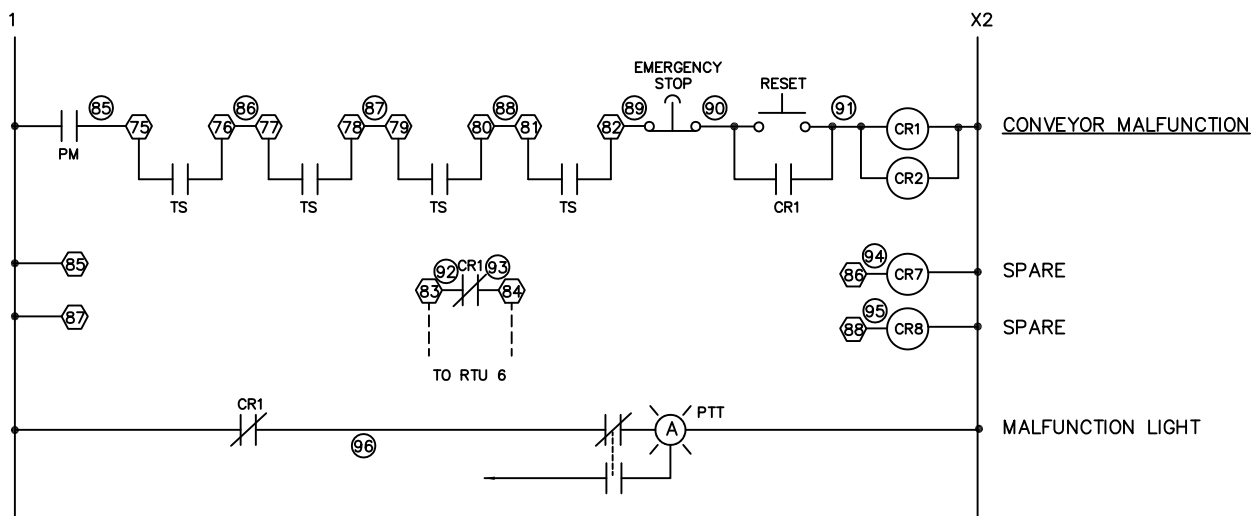


Drawing Title									
CONTROL DIAGRAM									
DATE		REFERENCE DRAWING		NO.		REVISION-LOCATION		ECN	
02/02/04		S/N		Sales Engineer		Application Engineer		DRAWN	
		C.C.		R.C.		BY C. RACHAL		APPROVED	
Project Title								PURCHASE ORDER NUMBER	
CONVEYOR CONTROL PANEL								DRAWING NUMBER	
								CP-1742	
								SHEET NUMBER	
								2	

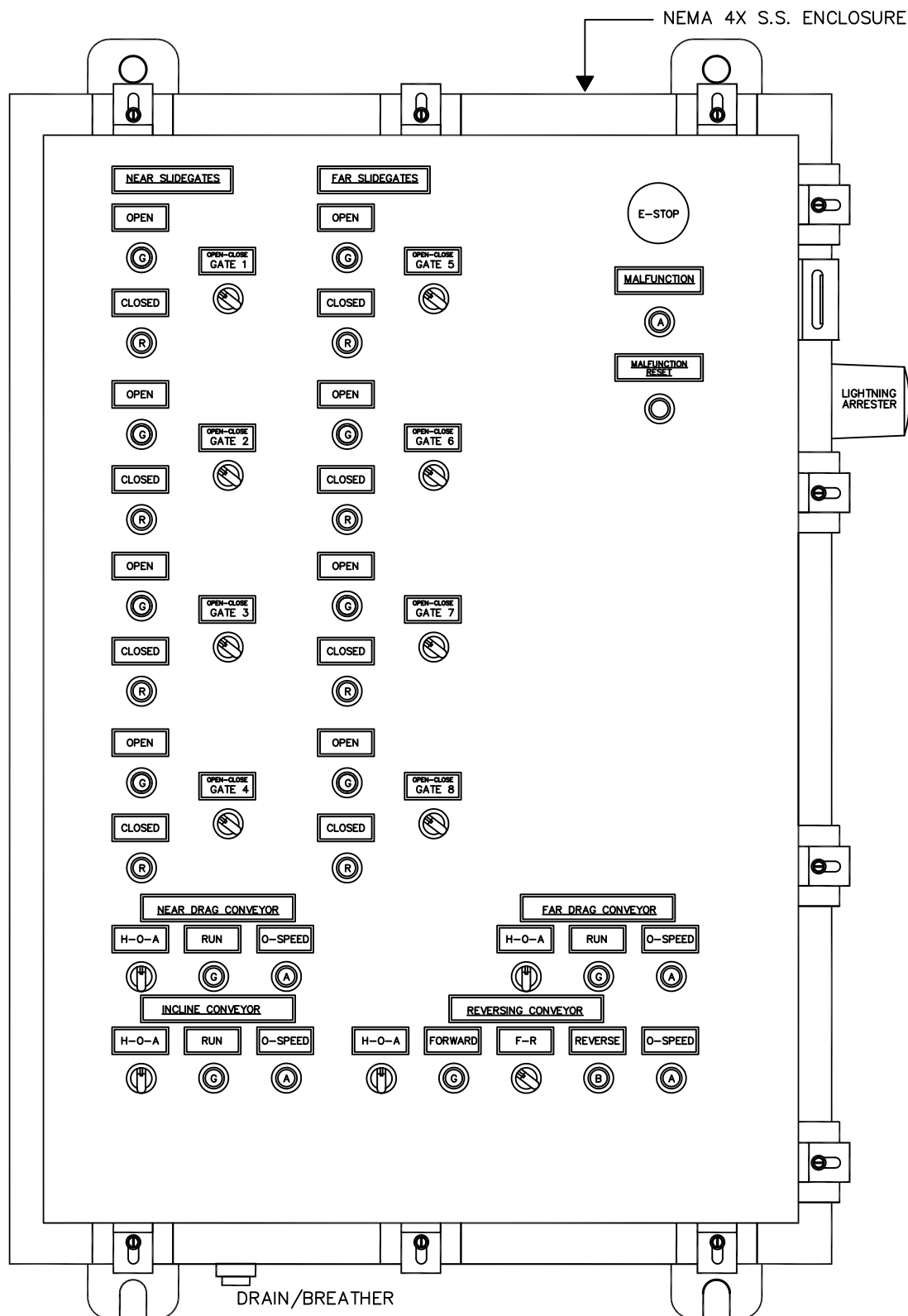


Drawing Title									
CONTROL DIAGRAM									
DATE 02/02/04	REFERENCE DRAWING		NO.		REVISION-LOCATION		ECN	DATE	BY
	S/N		Sales Engineer C.C.		Application Engineer R.C.		DRAWN BY C. RACHAL		APPROVED BY
Project Title								PURCHASE ORDER NUMBER	
CONVEYOR CONTROL PANEL								DRAWING NUMBER CP-1742	
								SHEET NUMBER 3	





	Drawing Title						
	CONTROL DIAGRAM						
DATE 02/02/04		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY
	Project Title	<div style="text-align: center;"> <b>COX</b>  Research and Technology, Inc. </div>			DRAWN BY C. RACHAL		
	CONVEYOR CONTROL PANEL				APPROVED BY		
					DATE		
					PURCHASE ORDER NUMBER		
					DRAWING NUMBER CP-1742		
					SHEET NUMBER 5		



**NOTE:**  
SEWER GASSES WILL DESTROY COMPONENTS IN PANEL.  
PROPER SEALS MUST BE INSTALLED EXTERNAL TO THE  
PANEL TO PREVENT ENTRY OF GASSES.

[illegible]

# BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	S603610N4X	ENCLOSURE
1a	1	EBE	6036P	BACKPLATE
2	1	ABB	OT63E3	DISC. SWITCH
3	1	BUSSMAN	16371-3	DISTRIBUTION BLOCK
4	4	ABB	S1N015TL	CB1-4
5	1	DELTA	LA603	LIGHTNING ARRESTER
6	1	SSAC	PLMU-11	PHASE MONITOR
7	1	SQUARE D	9070TF1000D1	TRANSFORMER
8	8	A-B	800H-QRT10G	PTT GREEN LIGHT
9	12	A-B	800H-QRT10R	PTT RED LIGHT
10	9	A-B	800H-HR2A	2 POS SWITCH
11	5	A-B	800H-QRT10A	PTT AMBER LIGHT
12	1	A-B	800H-QRT10B	PTT BLUE LIGHT
13	4	A-B	800H-JR2A	3 POS SWITCH
14	13	MARATHON	6SC30A1I	FUSE HOLDER/CC
15	6	OMRON	MY4INAC120	CR1-8
16	32	ABB	CAL5-11	AUX. RELAY CONTACTS
17	1	A-B	800H-AR2A	PUSH BUTTON
18	1	A-B	800H-FRXTQ10RA1	EMERGENCY STOP P.B.
19	1	A-B	800T-N209RE1	EMERGENCY STOP HANDLE
20	1	ABB	A16NOM-30-10-84	M2
21	3	ABB	A16NO-30-10-84	M1,3,4
22	3	ABB	TA25DU4.0	O.L. 2,3,4 (2.8-4.0A)
23	1	ABB	TA25DU5.0	O.L.1 (3.5-5.0A)
24	1	ABB	DB25/25A	O.L. MOUNTING KIT
25	1	BUSSMAN	16371-3	DISTRIBUTION BLOCK COVER
26	1	CROUSE-HINDS	ECD18	DRAIN/BREATH

	Drawing Title						
	<h2 style="margin: 0;">BILL OF MATERIALS</h2>						
DATE 02/02/04		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE
	Project Title	<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 150px;"> <h3 style="margin: 0;">COX</h3> <p style="margin: 0; font-size: small;">Research and Technology, Inc.</p> </div>			P.O. Box 77808 Baton Rouge, LA 70809  Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER  DRAWING NUMBER CP-1742 SHEET NUMBER 7
	CONVEYOR CONTROL PANEL						