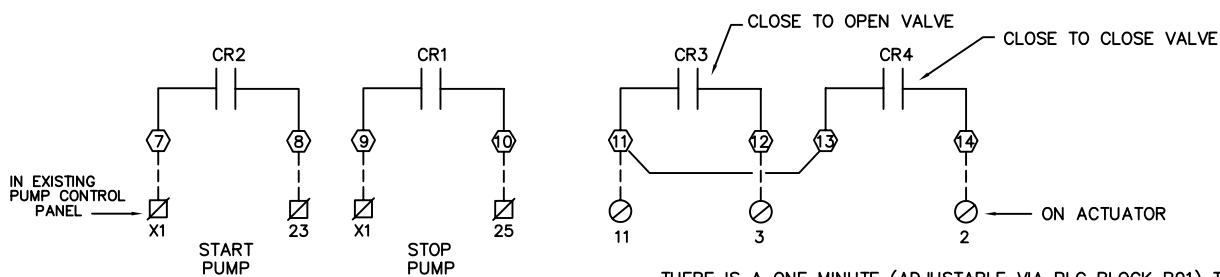
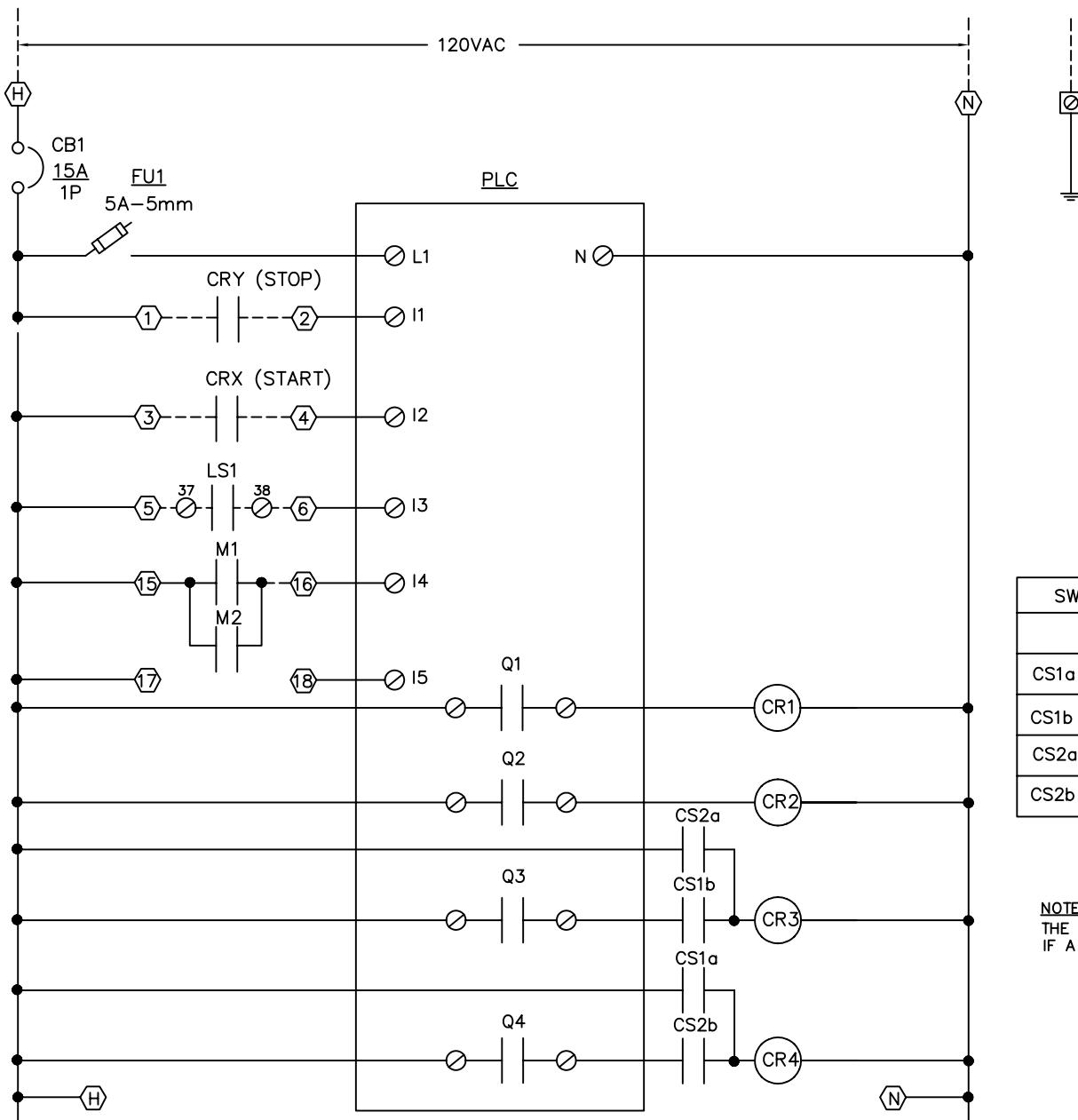

COX

Research and Technology, Inc.

SIMPLEX PUMP CONTROL PANEL

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

CP-1550



THERE IS A ONE MINUTE (ADJUSTABLE VIA PLC BLOCK B01) TIME DELAY
BEFORE PUMPS ARE ALLOWED TO RESTART AFTER RESTORATION OF POWER

ON RISING LEVEL:

- 1 CONTROL VALVE IS OPEN
- 2 FS1 CLOSES
- 3 FS2 CLOSES
- 4 LEAD PUMP STARTS
- 5 CONTROL VALVE STARTS TO CLOSE
- 6 LS1 OPENS
- 7 AFTER ____ SECONDS, CONTROL VALVE FULLY CLOSES

ON FALLING LEVEL:

- 1 FS2 OPENS
- 2 FS1 OPENS
- 3 CONTROL VALVE STARTS TO OPEN
- 4 AFTER ____ SECONDS, CONTROL VALVE FULLY OPENS
- 5 LS1 CLOSES
- 6 LEAD PUMP STOPS

PROGRAM: SANTA INES

	Drawing Title					6/02/03	RC	
		1						
DATE 4/11/03	CONTROL DIAGRAM	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	BY
	Project Title CONTROL PANEL	<hr/> <hr/> <hr/> <hr/> <hr/>				P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER	
		<hr/> <hr/> <hr/> <hr/> <hr/>				Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1550	
		<hr/> <hr/> <hr/> <hr/> <hr/>					SHEET NUMBER 1	

BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	VYNCKIER	VJ1412HWPL	ENCLOSURE
2	1	VYNCKIER	MP1412	BACKPLATE
3	1	SQUARE D	QU170	CB1
4	1	ABB	A40 30 10 84	MS1
5	1	ABB	TA42DU42	OL (29-42A)
6	1	EZ SWITCH	STOCK	TOGGLE HOA
7	1	ACI	JR22FR	RUN LIGHT
8	1	INGRAM	MX-15	ALARM LIGHT
9				
10				

Drawing Title BILL OF MATERIALS				
	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN R.C.	ECN APPROVED BY C. RACHAL BY DATE
DATE 4/11/03				
Project Title SIMPLEX PUMP 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-1550 SHEET NUMBER 2