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# COX

Research and Technology, Inc.

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CONTROL PANEL

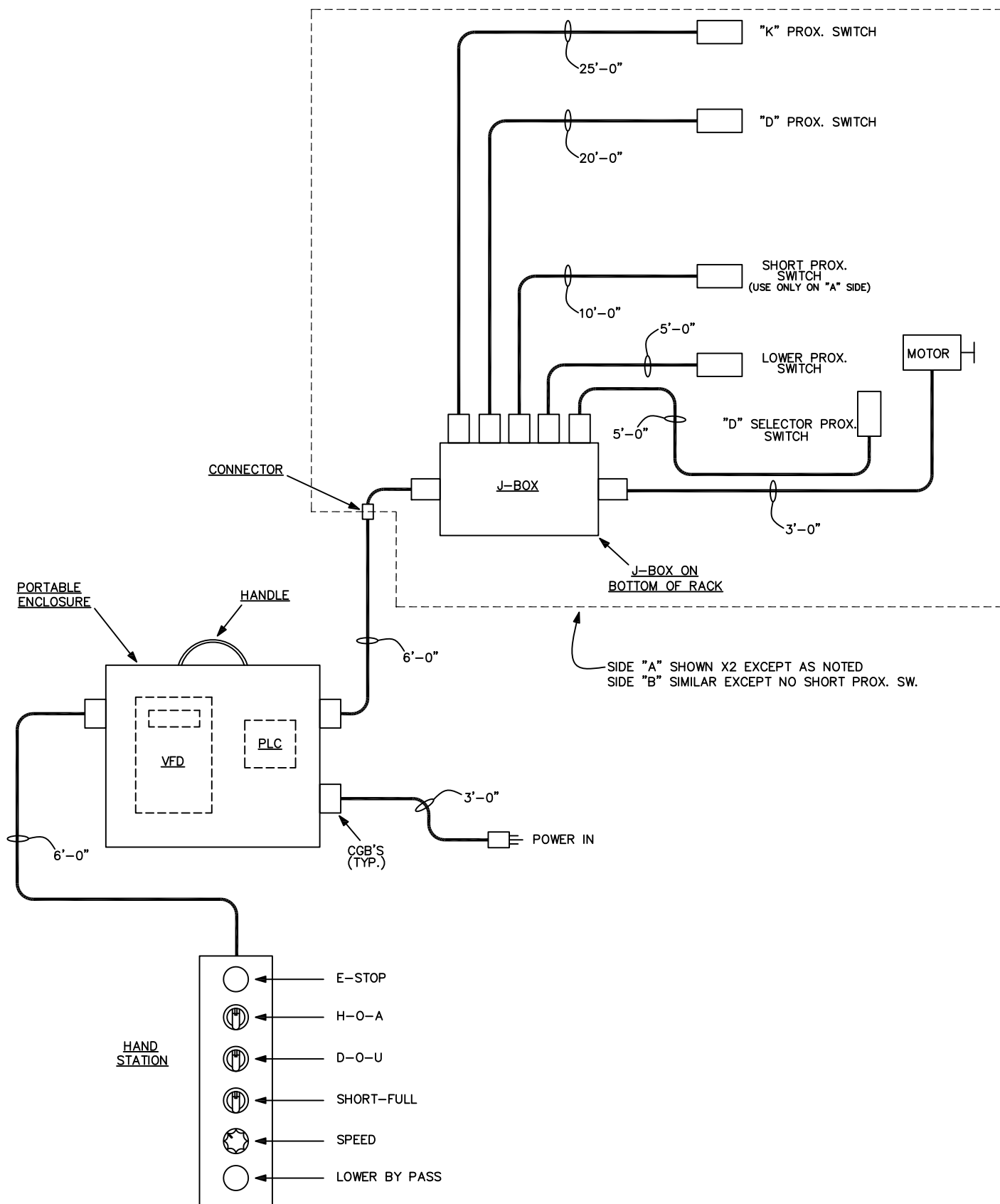
PINE BEND

BUNDLE WASHER

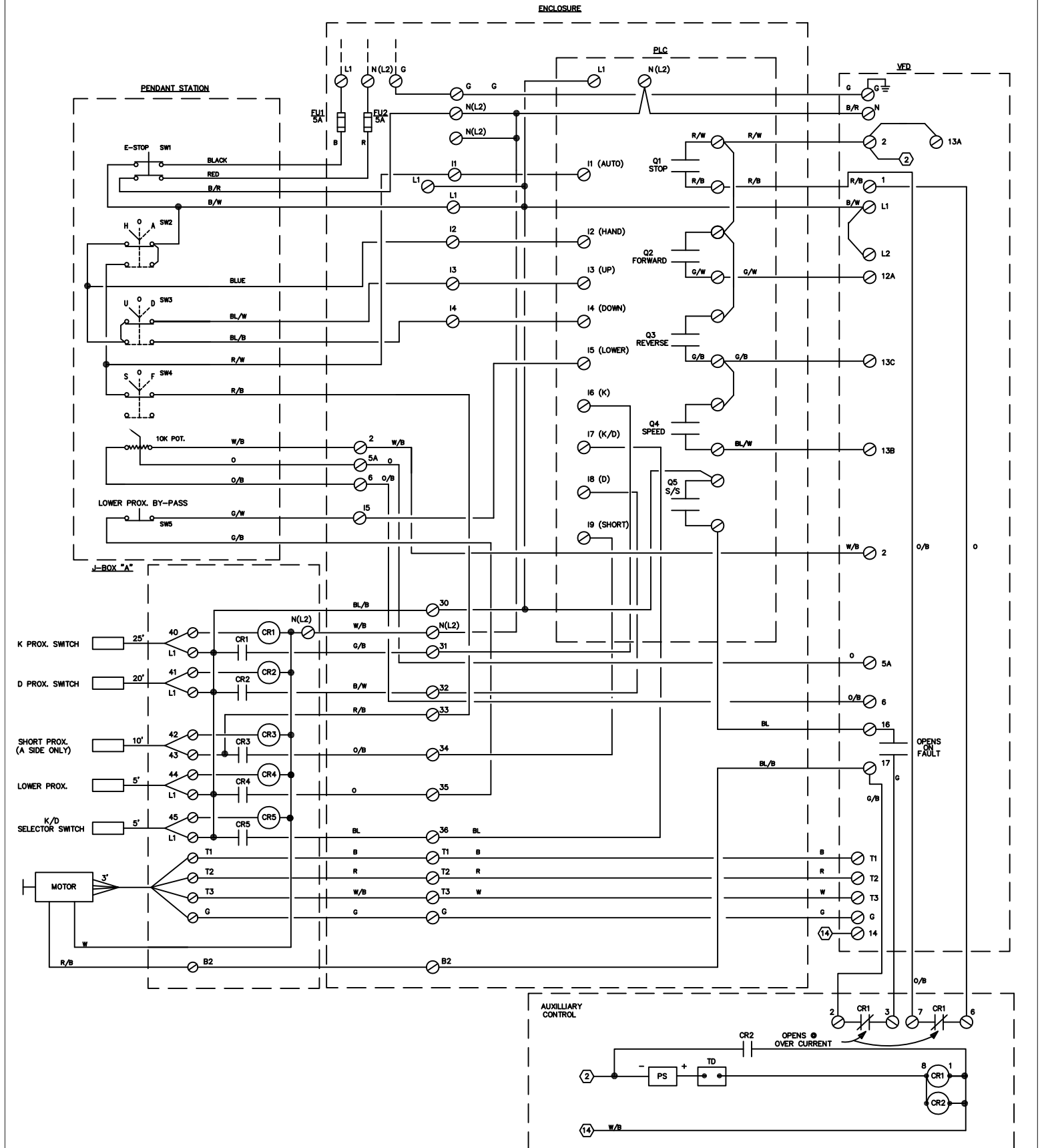
CONTROL PROCESS DESCRIPTION

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

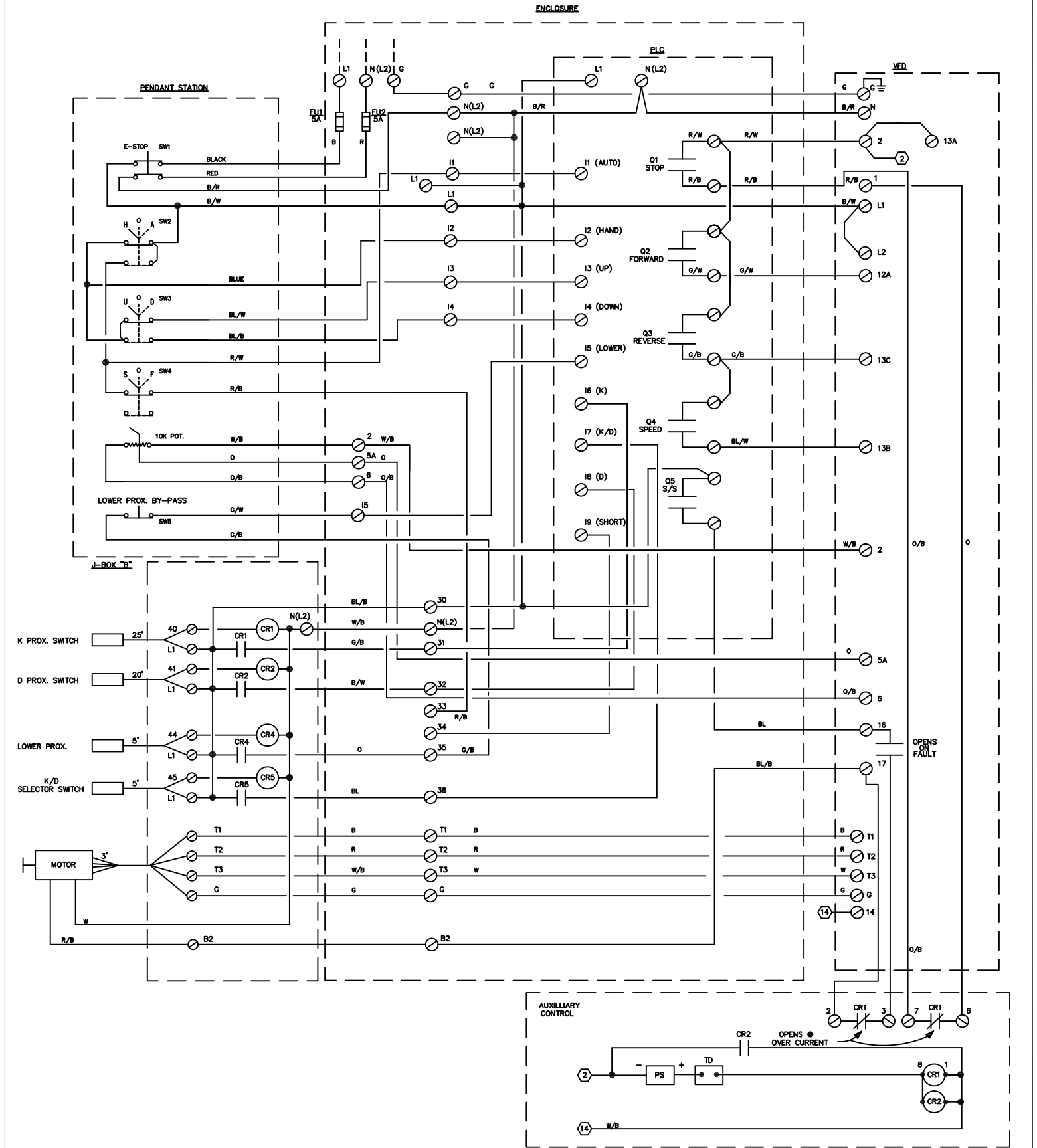
CP-1598r1



	Drawing Title  CONTROL GENERAL ARRANGEMENT							
DATE 3/15/04			REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN BY	DATE DATE
	Project Title  BUNDLE WASHER		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-1598r1  SHEET NUMBER 1



Drawing Title		1		ADDED CR6 & POWER SUPPLY		3/15/04	RC
CONTROL GENERAL ARRANGEMENT "A" SIDE		REFERENCE DRAWING		NO.		ECN	DATE
DATE 3/15/04		Sales Engineer C.C.		Application Engineer R.C.		DRAWN BY C. RACHAL	
Project Title		BUNDLE WASHER		COX		P.O. Box 77808 Baton Rouge, LA 70809	
		Research and Technology, Inc.		Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER	
						DRAWING NUMBER CP-1598r1	
						SHEET NUMBER 2	




	Drawing Title					
	CONTROL GENERAL ARRANGEMENT "B" SIDE		1	ADDED CR6 & POWER SUPPLY	3/15/04	RC
DATE 3/15/04		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED BY DATE
	Project Title  BUNDLE WASHER	<div data-bbox="714 1942 974 2047"> </div> <div data-bbox="730 2005 974 2037">Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809  Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER
						DRAWING NUMBER CP-1598r1
						SHEET NUMBER 3



PARAMETER 52: TB14 OUT (OPEN COLLECTOR OUTPUT)  
 THIS IS SET TO I LIMIT (CURRENT LIMIT)  
 TO ADJUST THE POINT OF TRIP, GO TO  
 PARAMETER 16 CURRENT. THIS IS FACTORY  
 SET @ 25% OF THE OUTPUT CURRENT OF  
 THE DRIVE (2.2A). THE CURRENT LIMIT SHOULD  
 TRIP AND SHUT DOWN THE DRIVE AT .55A.  
 A TIME DELAY IS INSTALLED SO THAT ON INITIAL  
 START UP, THE DRIVE WILL NOT TRIP ON HIGH  
 CURRENT FOR AN ADJUSTABLE AMOUNT OF TIME.  
 THIS IS FACTORY SET AT .2 SEC.

TO ADJUST CURRENT LIMIT:

PRESS  AND USE  TO ENTER 0019 AS PASSWORD.

PRESS  .

PRESS  UNTIL CURRENT APPEARS ON THE SCREEN.

PRESS  .

THE SCREEN SHOULD SHOW 25%.

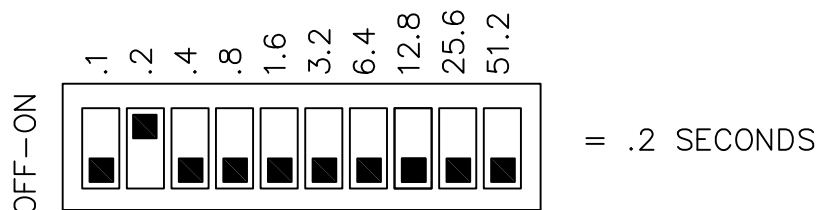
PRESS  TO RAISE THE % OF DRIVE OUTPUT CURRENT TO BE USED.

PRESS  .

WHEN FINISHED, PRESS .

WE RECOMMEND ADJUSTING THE % CURRENT BY ONLY A SMALL AMOUNT  
 AT A TIME, AND RETESTING TO SEE IF THE DRIVE TRIPS.

TO ADJUST THE TIME DELAY, SIMPLY MOVE THE DIP SWITCHES UP OR DOWN.  
 COMBINE TIMES FOR TOTAL TIME IN SECONDS.



WHEN DRIVE TRIPS ON HIGH CURRENT, IT LOCKS OUT. TO RESET LOCKOUT,  
 TURN POWER OFF AND BACK ON BY PUSHING AND PULLING THE EMERGENCY STOP  
 BUTTON ON THE HAND STATION, OR BY UNPLUGGING THE UNIT AND THEN  
 PLUGGING IT BACK IN AGAIN.