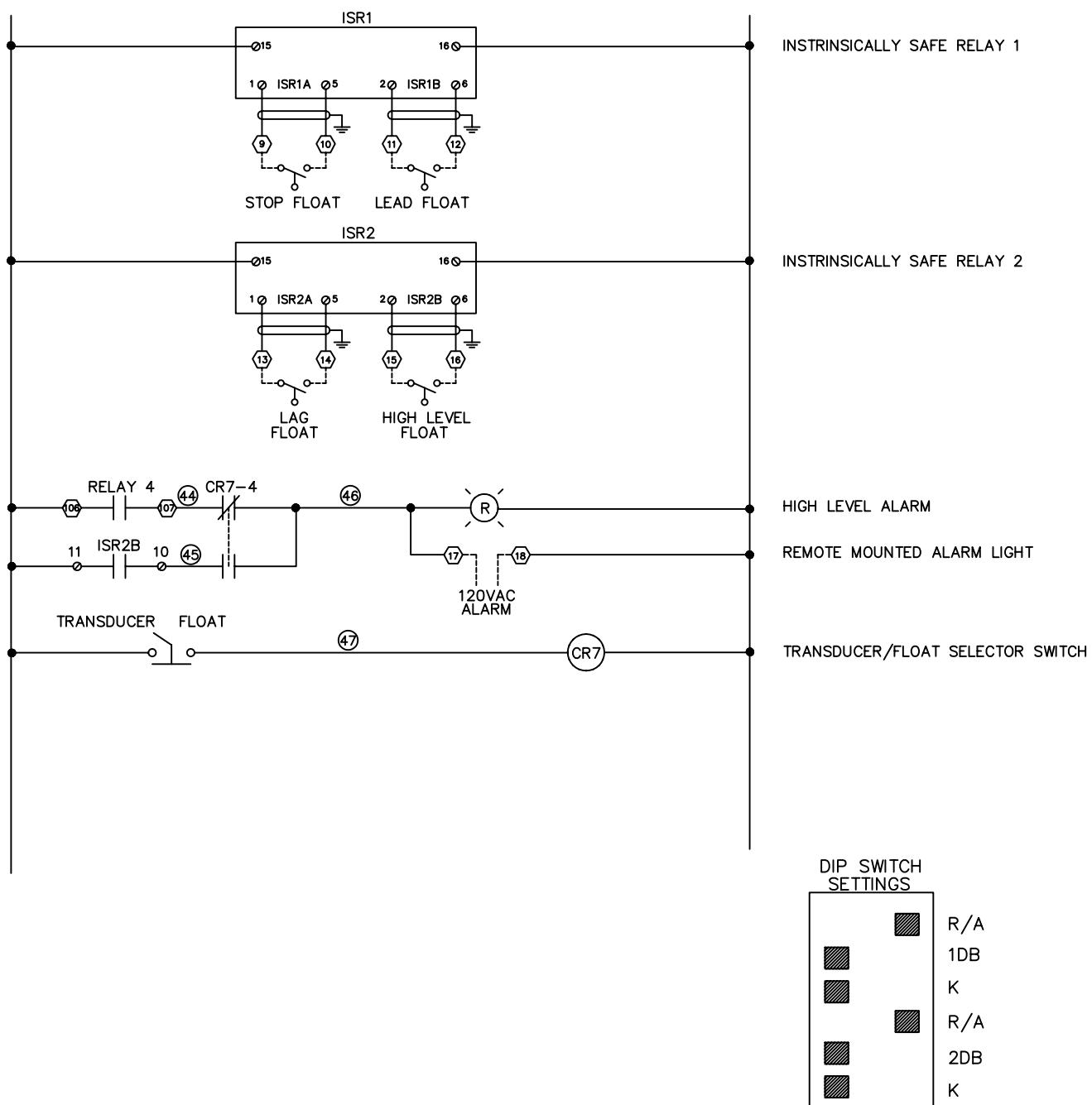
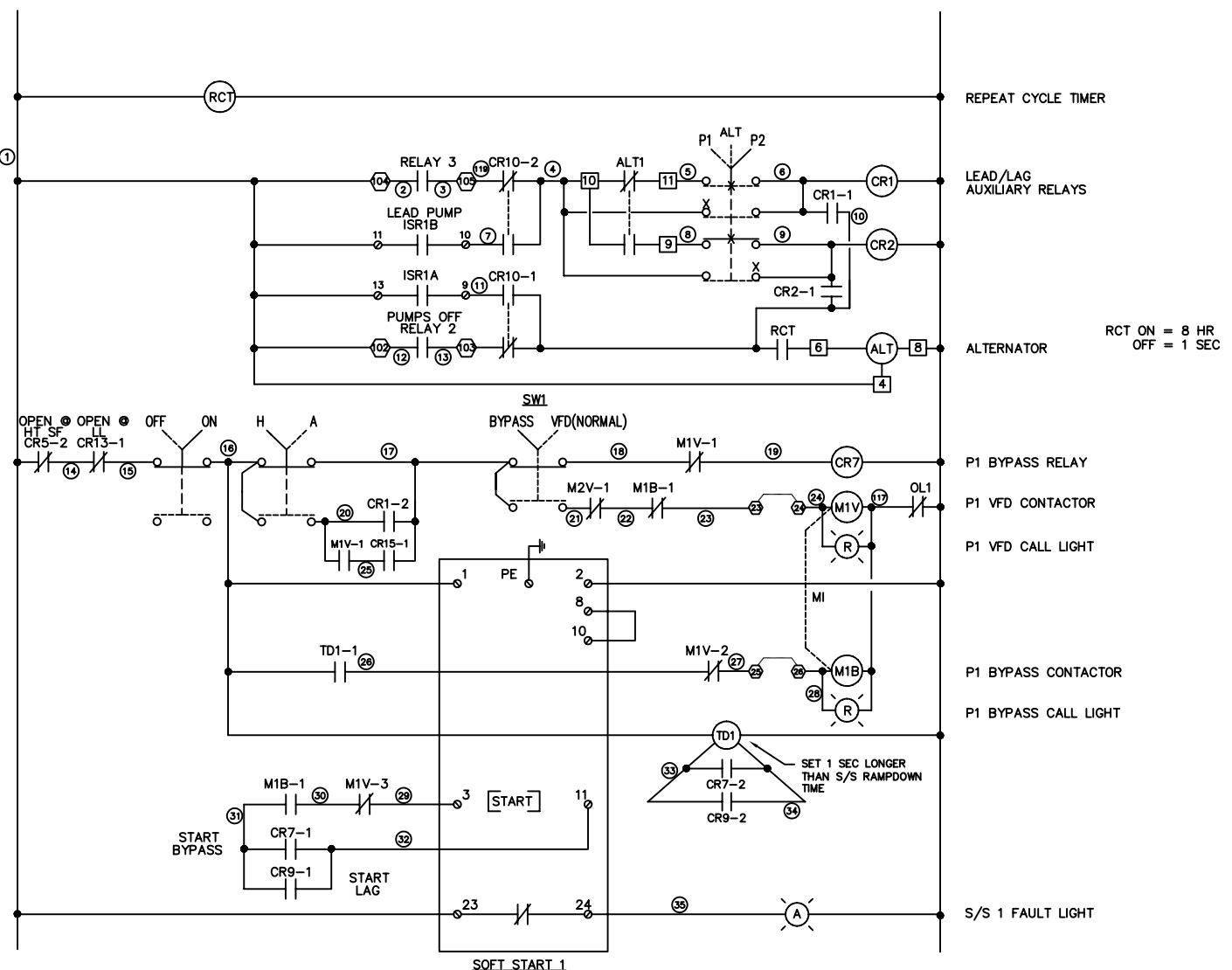


	Drawing Title CONTROL DIAGRAM				
		1	LIGHTNING ARRESTER	5/30/06	TL
	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE BY
DATE 3/29/06	S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED BY DATE
	Project Title DUPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-2205 SHEET NUMBER 3	



Drawing Title CONTROL DIAGRAM DATE 3/29/06						
			1 LIGHTNING ARRESTER		5/30/06	TL
	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY C. RACHAL	DATE APPROVED BY	BY
Project Title DUPLEX PUMP CONTROL PANEL	<hr/> <hr/> COX <hr/> <hr/> Research and Technology, Inc. <hr/> <hr/>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-2205 SHEET NUMBER 4	



NOTES:

1. VFD RAMP DOWN TIME MUST BE LONGER THAN SOFT START RAMP DOWN TIME.(RECOMMEND 8 SEC. MINIMUM.)
2. TO RESET SOFT START FAULT, TURN "OFF-ON" SWITCH OFF, THEN BACK ON.
3. LOW LEVEL WILL LOCK OUT SOFT STARTS AND CAUSE FAULT LIGHTS TO COME ON. PRESS RESET BUTTON WHEN LEVEL RISES.
4. ON OVERLOAD TRIP, TURN POWER OFF BEFORE RESETTING OVERLOADS.

FACTORY TIME DELAY SETTINGS:

TD1: 6 SEC.	TD4: 2 SEC.	SS1 RAMP UP: 5 SEC.
TD2: 6 SEC.	TD5: 5 SEC.	SS1 RAMP DN: 3 SEC.
TD3: 2 SEC.	TD6: 2 SEC.	SS2 RAMP UP: 5 SEC.
		SS2 RAMP DN: 3 SEC.

	Drawing Title CONTROL DIAGRAM				
		1	REVISION IN FIELD		5/29/06
	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE BY
	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED
DATE 3/07/06	C.C.		R.C.	BY C. RACHAL	BY DATE
Project Title DUPLEX PUMP CONTROL PANEL		COX Research and Technology, Inc.		PURCHASE ORDER NUMBER DRAWING NUMBER CP-2206R SHEET NUMBER 3	
				P.O. Box 77808 Baton Rouge, LA 70809	
				Ph. (225)756-3271 Fax (225)755-1030	

