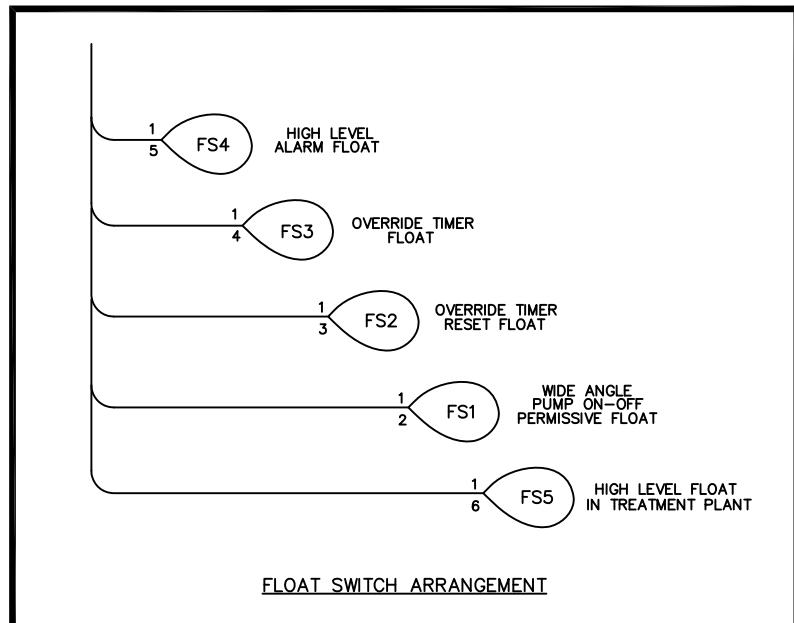
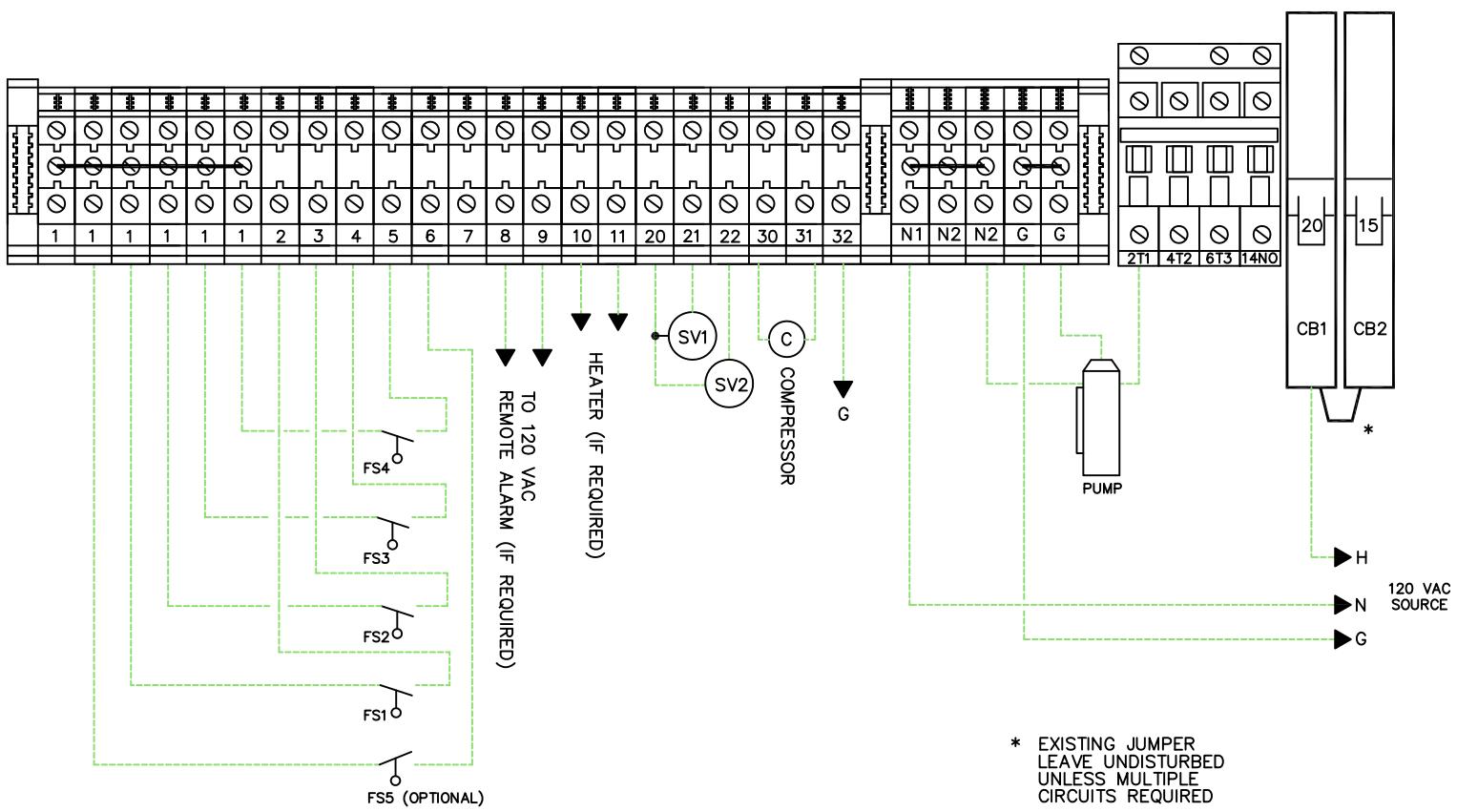


	Drawing Title CONTROL DIAGRAM				
DATE 5/25/06	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN Application Engineer R.C.	ECN	DATE APPROVED BY
			BY C. RACHAL		
Project Title FILTER CONTROL PANEL SCHEMATIC DIAGRAM SINGLE CIRCUIT, 120VAC, SIMPLEX	COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-2384 SHEET NUMBER 1		



	Drawing Title							
	EXTERNAL CONNECTIONS							
		REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE
DATE 5/25/06		S/N	Sales Engineer	Application Engineer	DRAWN	BY C. RACHAL	APPROVED	BY DATE
	Project Title					P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER	
	FILTER CONTROL PANEL SCHEMATIC DIAGRAM SINGLE CIRCUIT, 120VAC, SIMPLEX	COX Research and Technology, Inc.				Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-2384	
							SHEET NUMBER 2	

PLC PARAMETERS

<u>BLOCK</u>	<u>DESCRIPTION</u>	<u>FACTORY SETTING</u>	<u>PLC NOMENCLATURE</u>
B01	TH = Run time	12 Minutes	12:00m
	TL = Off time	2 Hours	02:00h
B02	Off time during override period	1 Hour	01:00h
B03	Filter flush time after pump turns on	1 Minute	01:00m
B04	Filter drain time after pump turns off	2 Minutes	02:00m
B05	Field flush time normal operation	2 Minutes	02:00m
B06	Field drain time after pump turns off	2 Minutes	02:00m
B07	Number of fields	4	4
B08	Number of cycles until 1st field flush	84	84
B09	Field flush time when field flush switch is pressed	1 Minute	01:00m

Note: Minute settings are in minutes and seconds. For example 02:00m is 2 minutes, 02:10m is 2 minutes and 10 seconds. Hour settings are in hours and minutes. For example 02:00h is 2 hours and no minutes, 02:10h is 2 hours and 10 minutes, and 00:12h is 12 minutes.

In addition to the settings above, various other parameters can be viewed as follows:

- Pump run time hours
- Pump start counts
- Level override counts
- High level counts
- Switch to hand counts