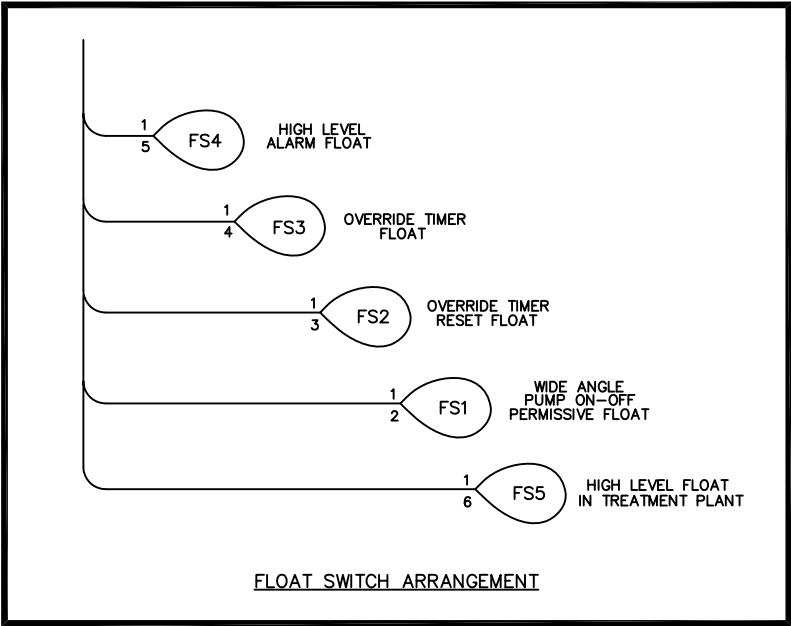
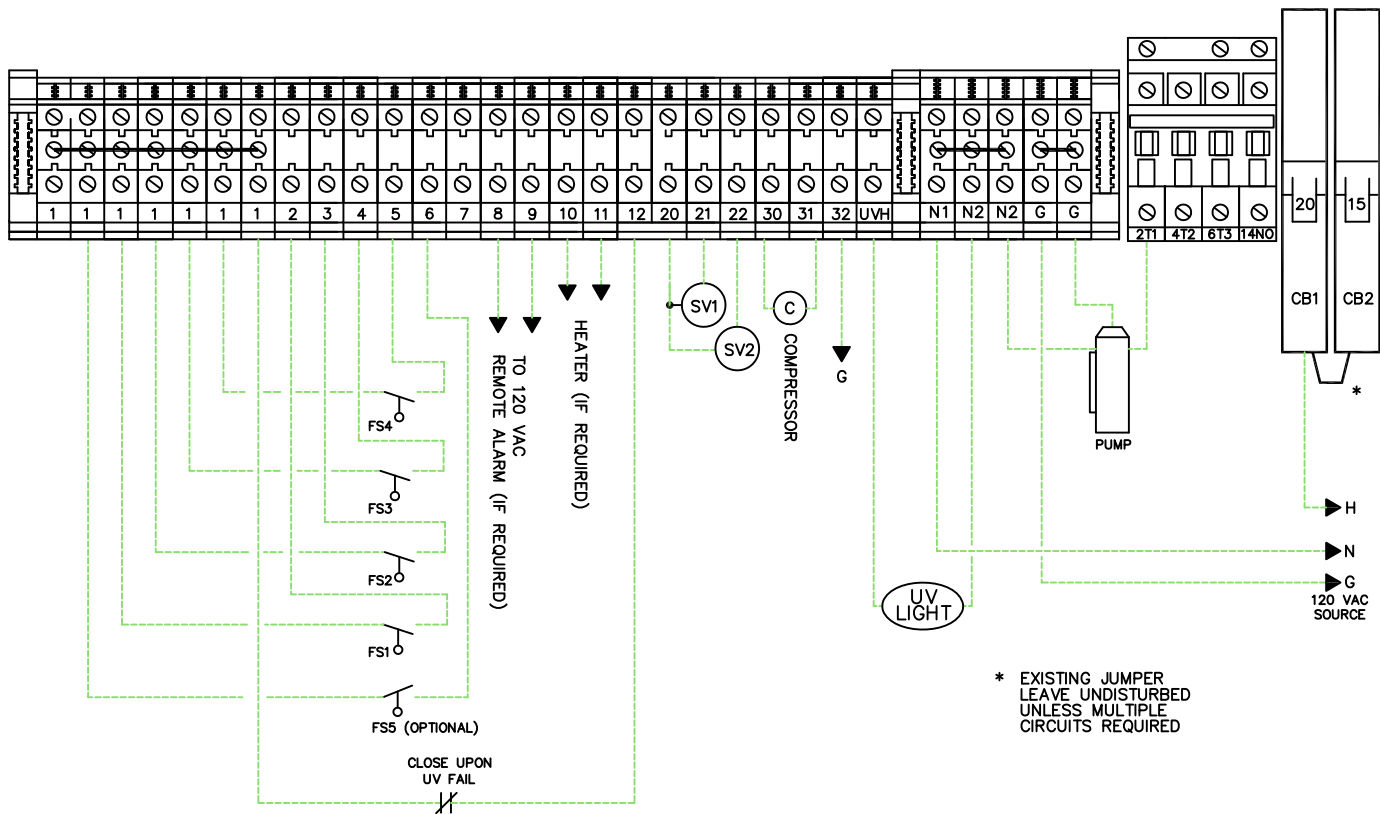


	Drawing Title				
	CONTROL DIAGRAM				
DATE 04/28/08		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY S.HODGES
	Project Title FILTER CONTROL PANEL SCHEMATIC DIAGRAM SINGLE CIRCUIT, 120VAC, SIMPLEX	<div>COX</div> <div>Research and Technology, Inc.</div>		P.O. Box 77808 Baton Rouge, LA 70879 Ph. (225)756-3271 Fax (225)756-1030	<div>PURCHASE ORDER NUMBER</div> <div>DRAWING NUMBER CP-1744/SUV</div> <div>SHEET NUMBER 1</div>



	Drawing Title EXTERNAL CONNECTIONS								
DATE 04/28/08		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY		
				DRAWN BY S.HODGES	APPROVED BY DATE				
	Project Title FILTER CONTROL PANEL SCHEMATIC DIAGRAM SINGLE CIRCUIT, 120VAC, SIMPLEX	<div>COX</div> <div>Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70879 Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER		
							DRAWING NUMBER CP-1744/SUV		
							SHEET NUMBER 2		

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PLC PARAMETERS

<u>BLOCK</u>	<u>DESCRIPTION</u>	<u>FACTORY SETTING</u>	<u>PLC NOMENCLATURE</u>
B01	TH = Run time TL = Off time	12 Minutes 2 Hours	12:00m 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