

REV	ECO #	BY	DATE	CHK	REVISION
A	7193	BH	6.15.00	JEF	RELEASE

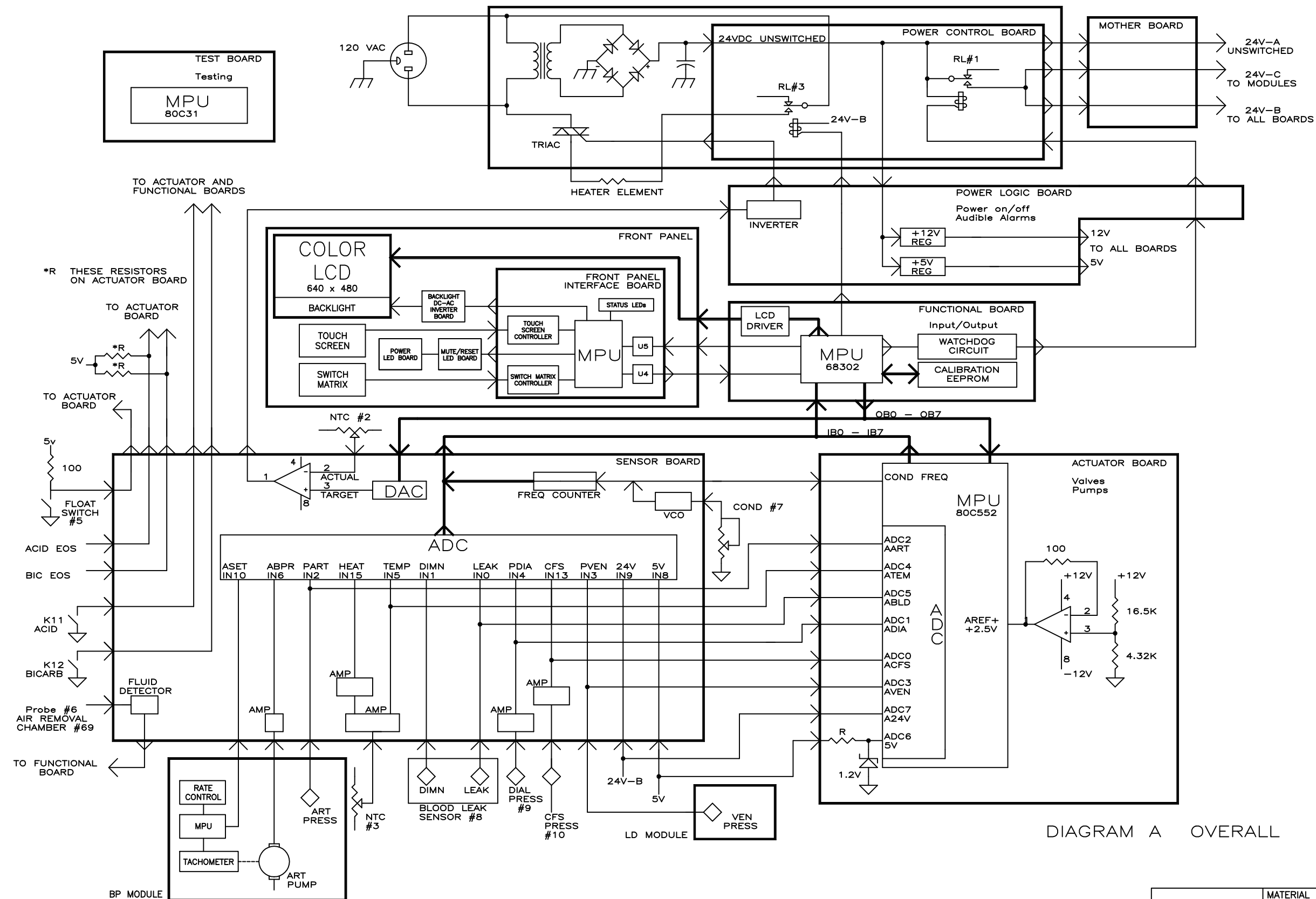


DIAGRAM A OVERALL

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DATE		NAME		MATERIAL	
DRAWN	3.25.99	B.	LEPARD	2008K ELECTRONIC BLOCK DIAGRAM	
				290174	
				REV. A SHEET 1 OF 11	
				O:\ACAD\2\290174-1.DWG	



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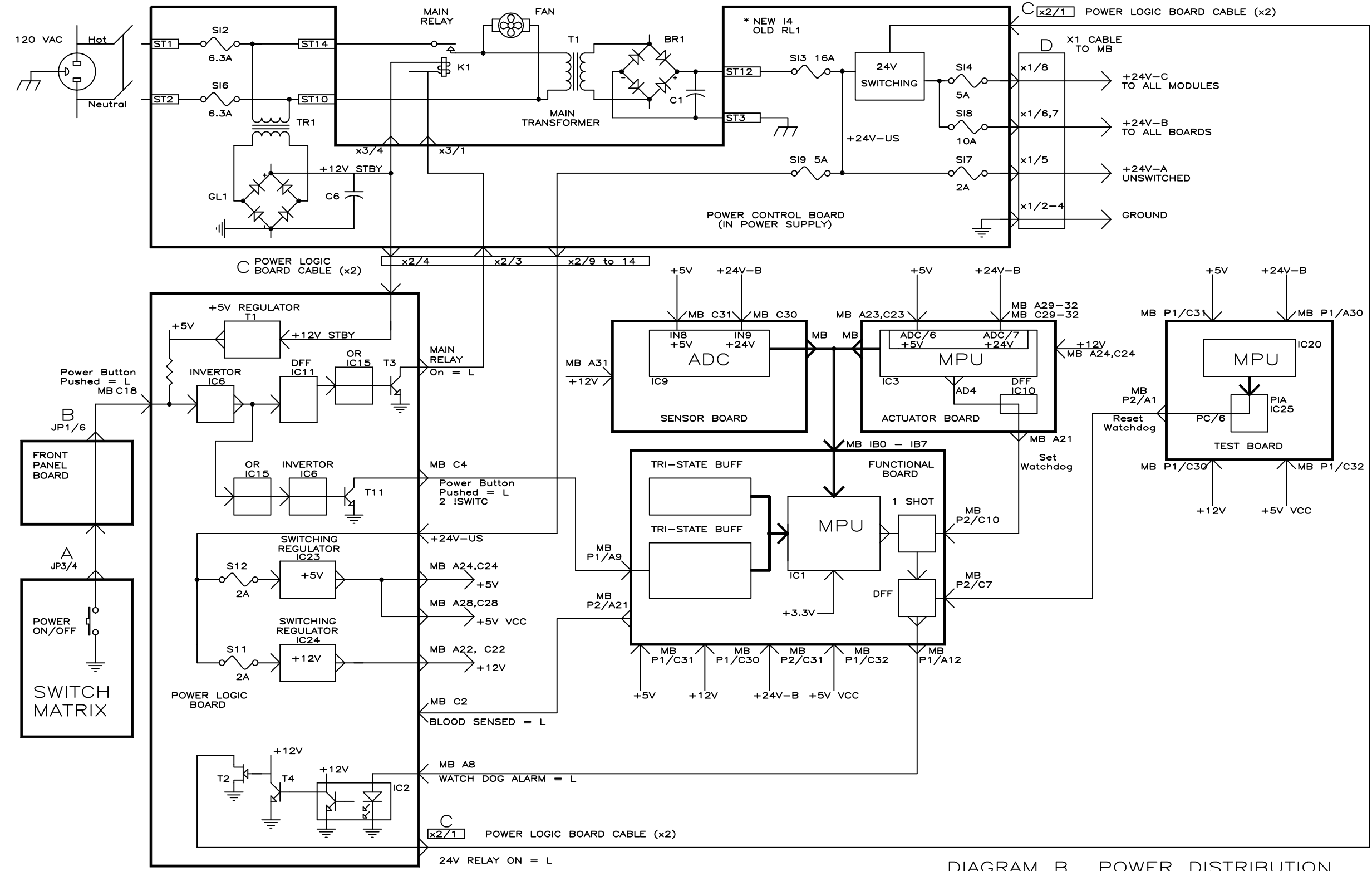


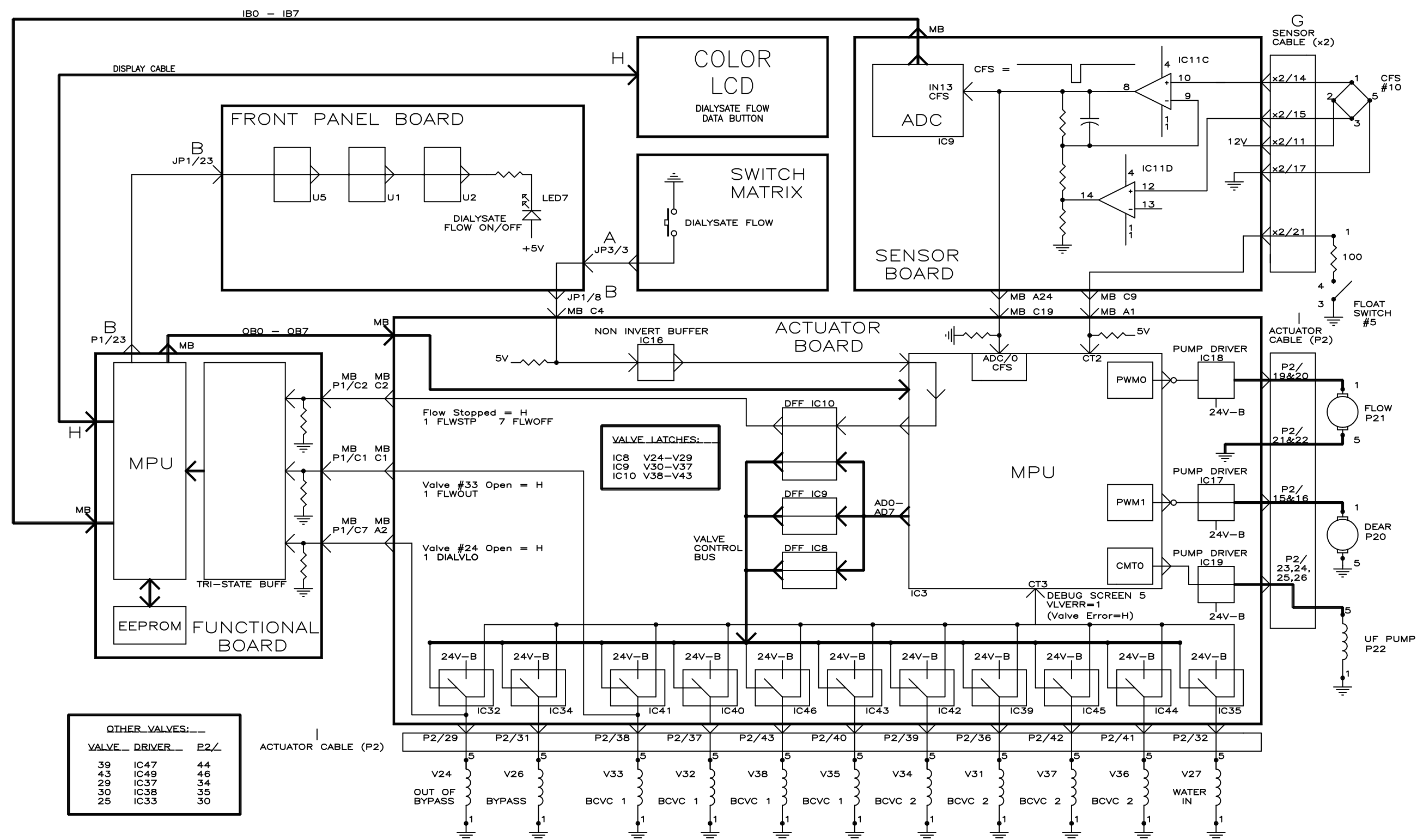
DIAGRAM B POWER DISTRIBUTION

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				290174	
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				SCALE	NONE
				REV. A	SHEET 2 OF 11



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**OTHER VALVES:---**

VALVE	DRIVER	P2/
39	IC47	44
43	IC49	46
29	IC37	34
30	IC38	35
25	IC33	30

DIAGRAM C FLOW

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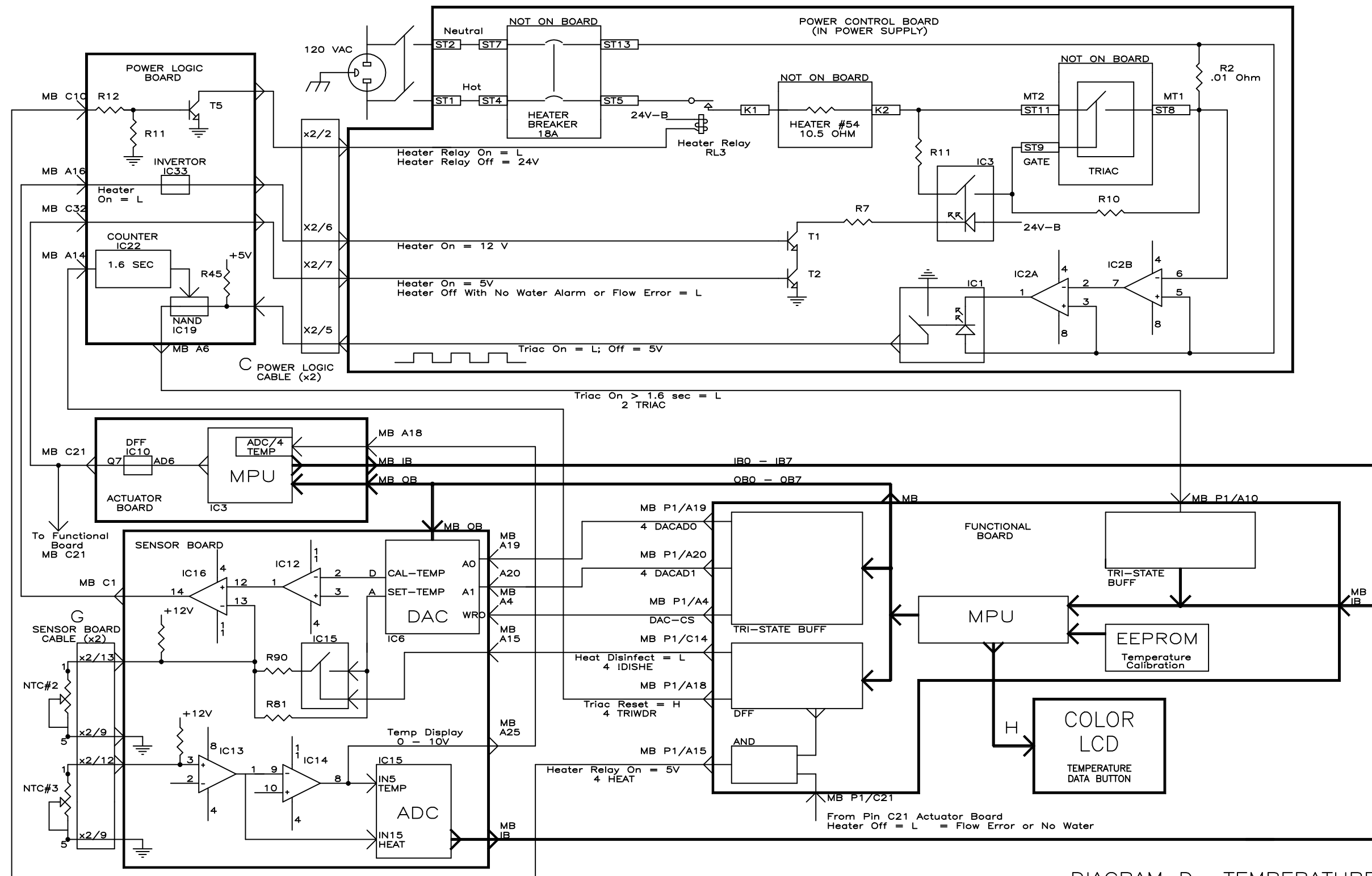


DIAGRAM D TEMPERATURE

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				SHEET	4 OF 11



REV	ECO #	BY	DATE	CHK	REVISION
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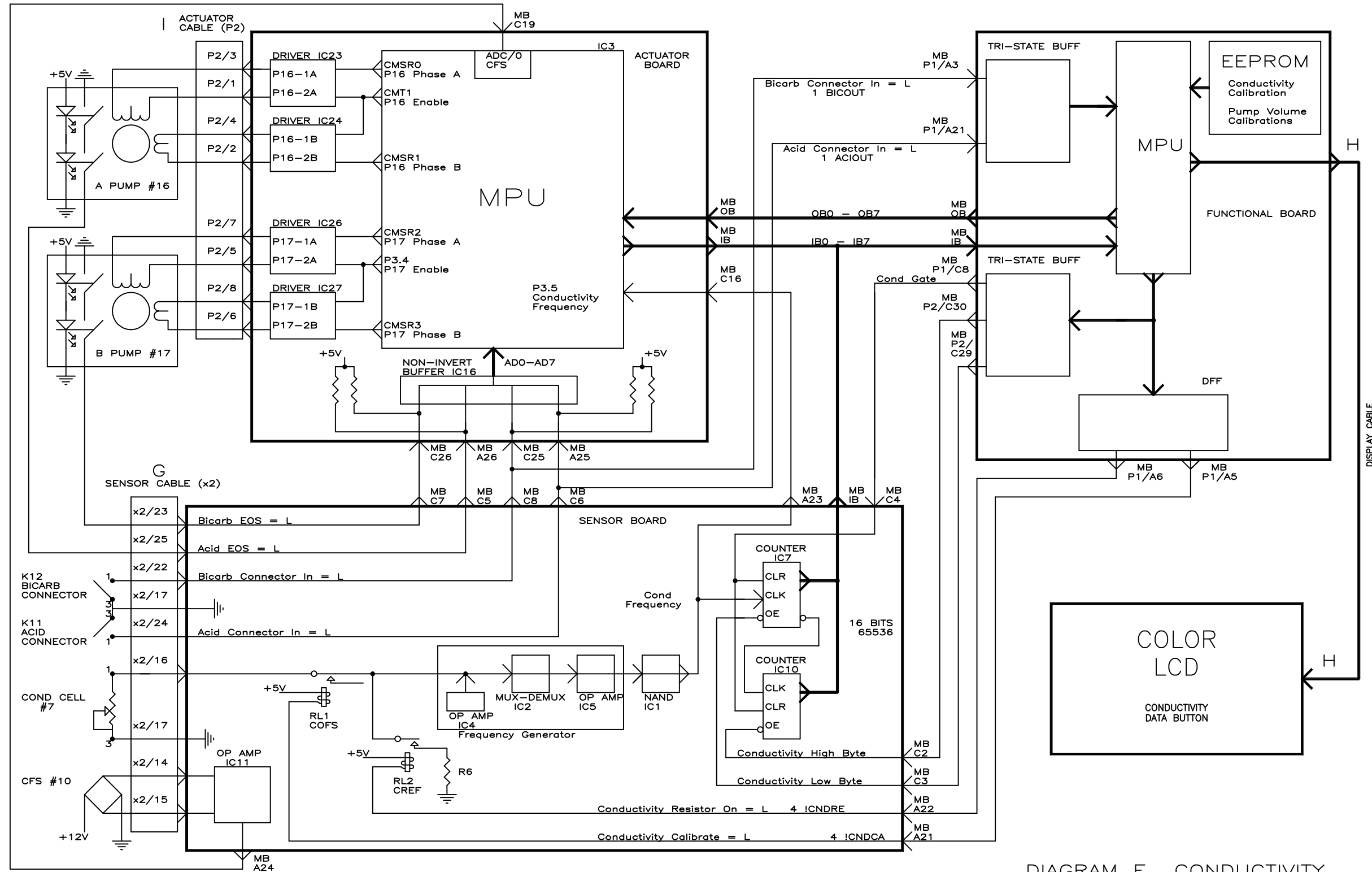


DIAGRAM E CONDUCTIVITY

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DRWN	3.25.99	B.	LEPARD	2008K ELECTRONIC BLOCK DIAGRAM	
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				REV. A SHEET 5 OF 11	
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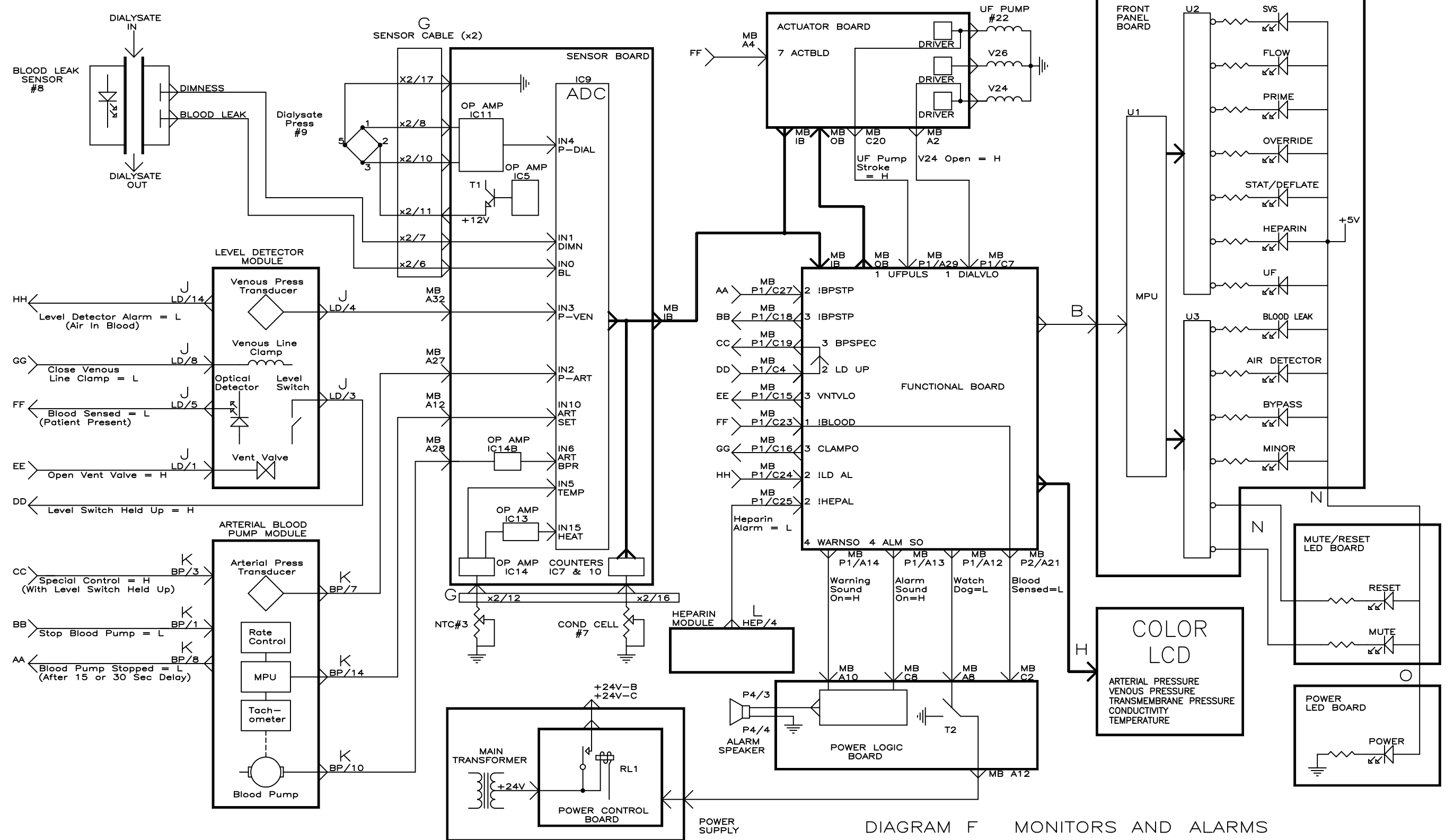


DIAGRAM F MONITORS AND ALARMS

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				REV. A SHEET 6 OF 11	
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REV	ECO #	BY	DATE	CHK	REVISION
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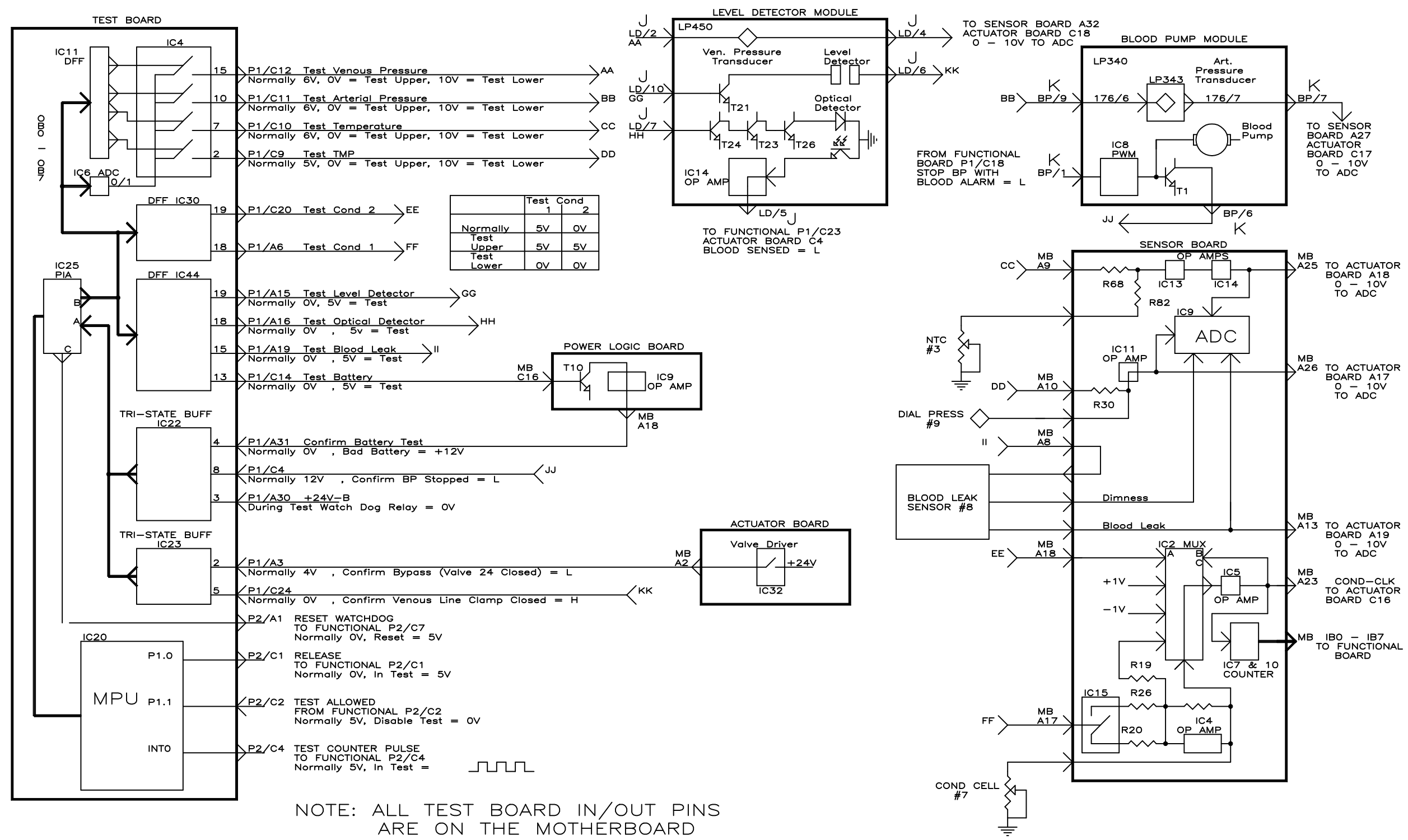


DIAGRAM G TESTING

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DRAWN	3.25.99	B.	LEPARD	2008K ELECTRONIC BLOCK DIAGRAM	
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REV	ECO #	BY	DATE	CHK	REVISION
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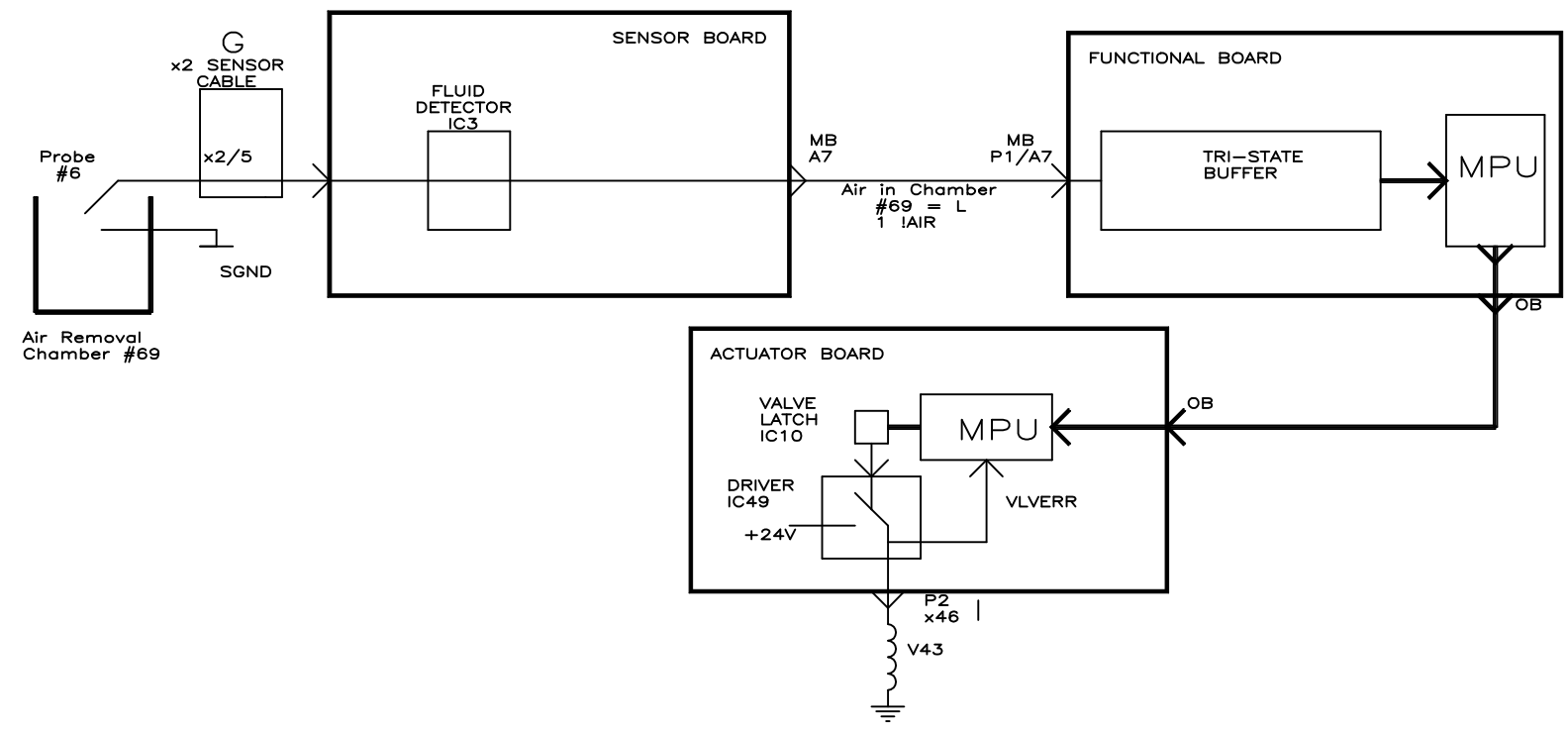


DIAGRAM H FILL PROGRAM

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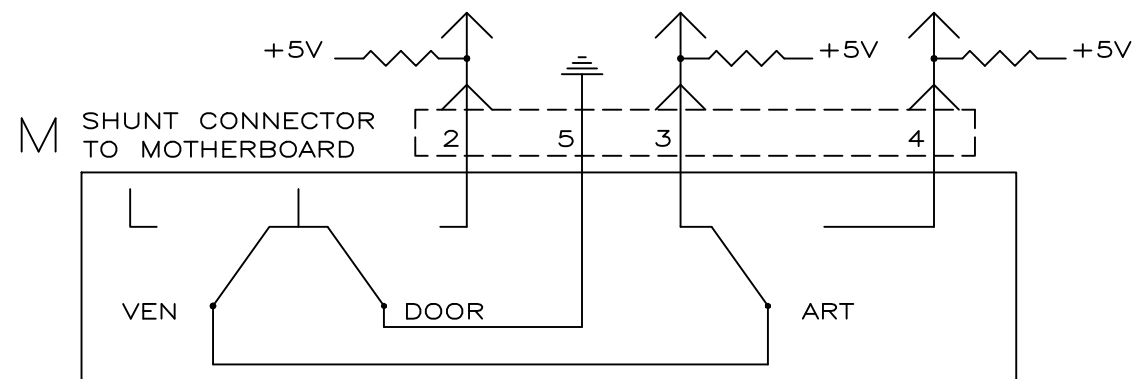




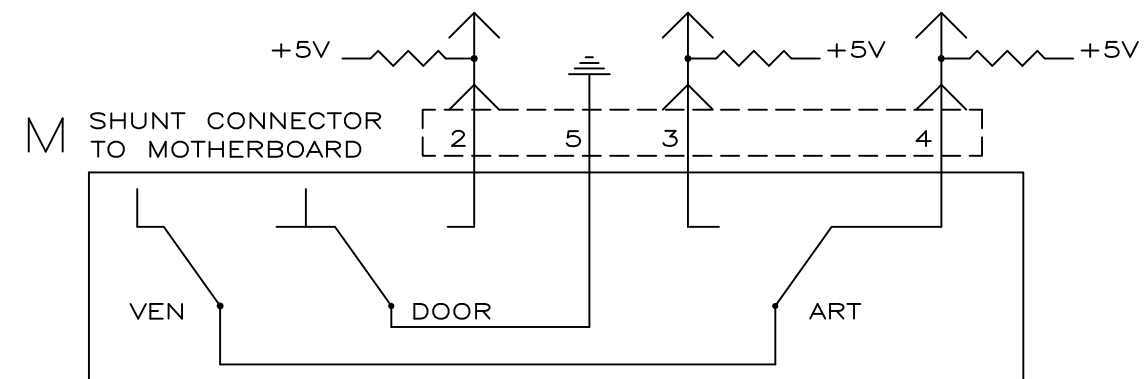
REV	ECO #	BY	DATE	CHK	REVISION
A	7193	BH	6.15.00	JEF	RELEASE

CONNECTOR P8 TO MOTHERBOARD

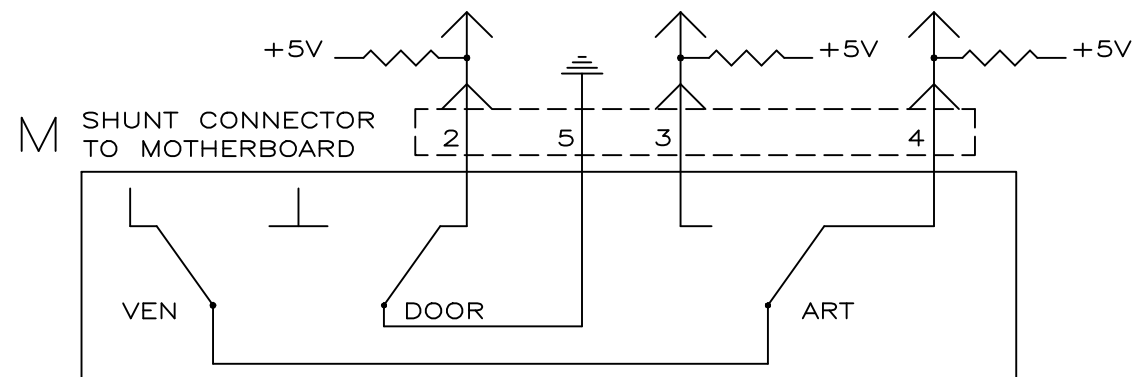
- Pin 1 = Not Connected
- Pin 2 = To functional board P1/C6, actuator board C6
- Pin 3 = To functional board P1/A30, actuator board A5
- Pin 4 = To functional board P1/A31, actuator board C5
- Pin 5 = Ground



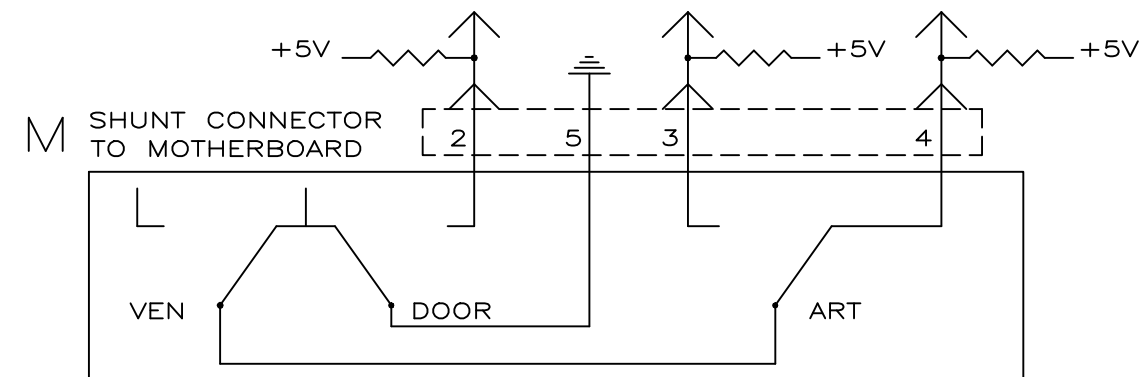
Both lines in shunt; shunt door closed  
 Pin 2 = +5V (Door closed)  
 Pin 3 = 0V (Both lines in shunt)  
 Pin 4 = +5V (Emptying not active)



Neither line in shunt; shunt door closed  
 Pin 2 = +5V (Door closed)  
 Pin 3 = +5V (Both dialysate lines not in)  
 Pin 4 = +5V (Emptying not active)



Shunt door open  
 Pin 2 = 0V (Door open)  
 Pin 3 = +5V (Both dialysate lines not in)  
 Pin 4 = +5V (Emptying not active)



Venous line in shunt, arterial line not in, shunt door closed  
 Pin 2 = +5V (Door closed)  
 Pin 3 = +5V (Venous line in, arterial line not in)  
 Pin 4 = 0V (Emptying activated)

DIAGRAM I SHUNT DOOR SWITCH CONFIGURATIONS

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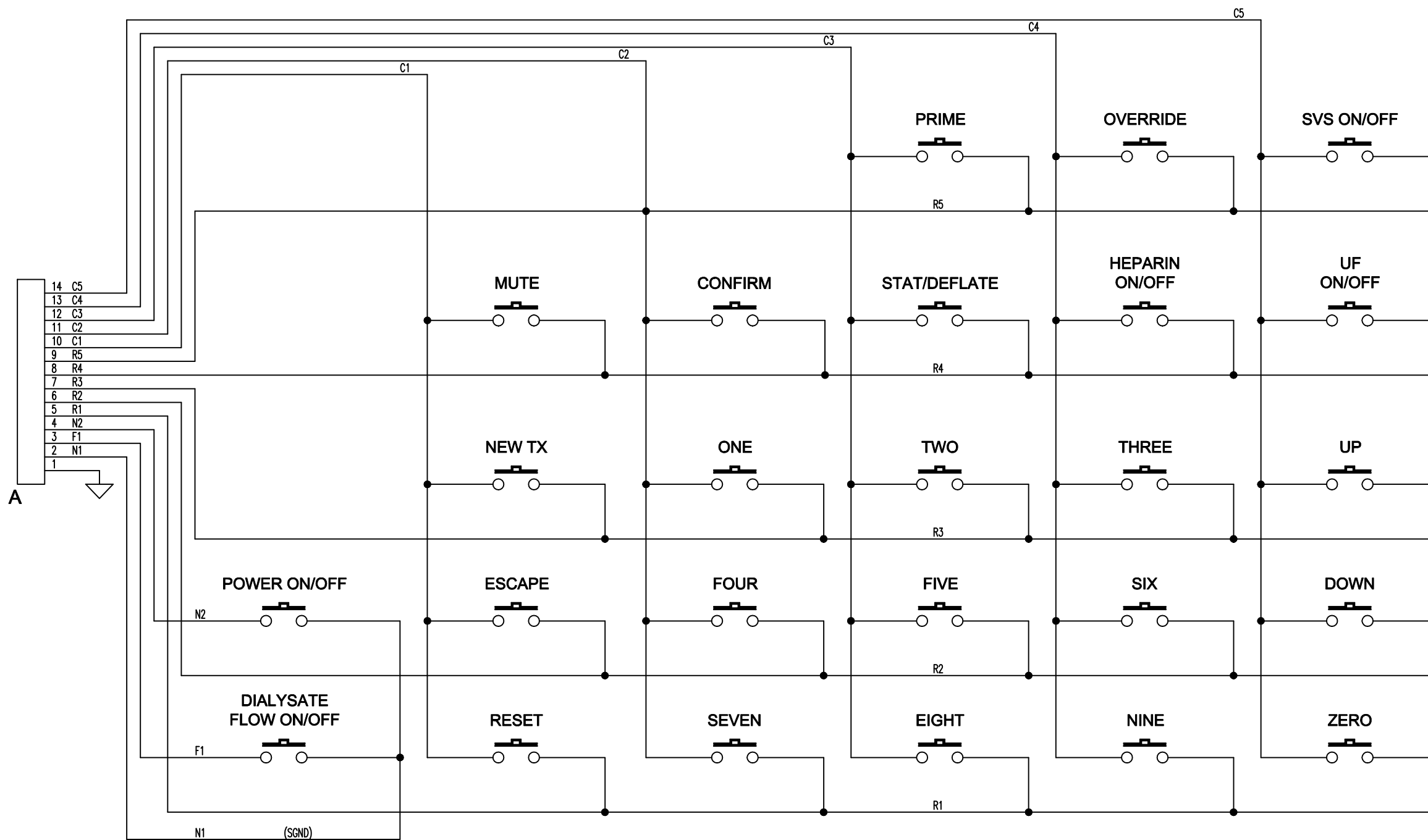


DIAGRAM J FRONT PANEL SWITCH MATRIX

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**CARD CAGE**  
LEFT TO RIGHT:  
POWER LOGIC BOARD  
ACTUATOR BOARD  
FUNCTIONAL BOARD  
TEST BOARD  
SENSOR BOARD

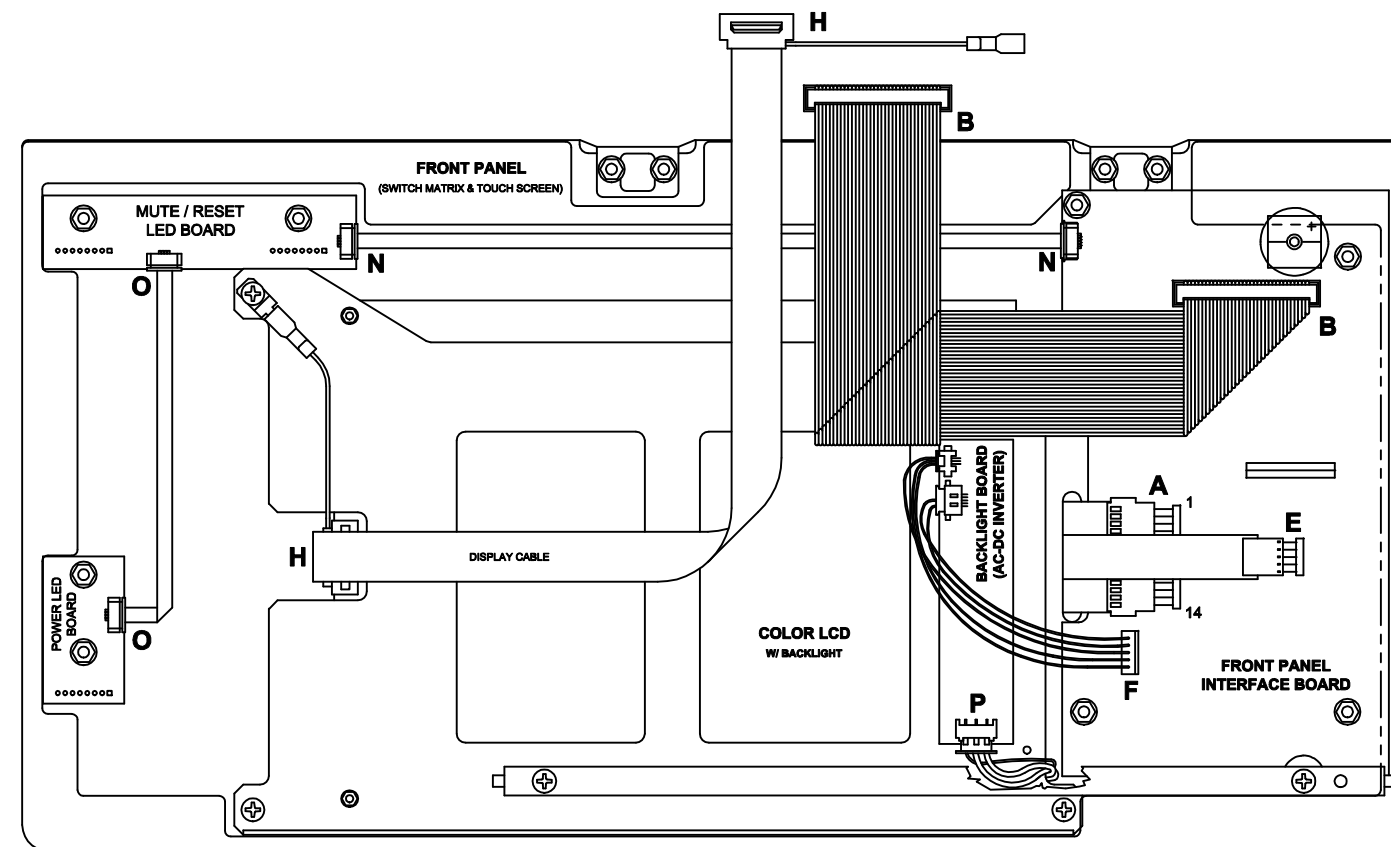
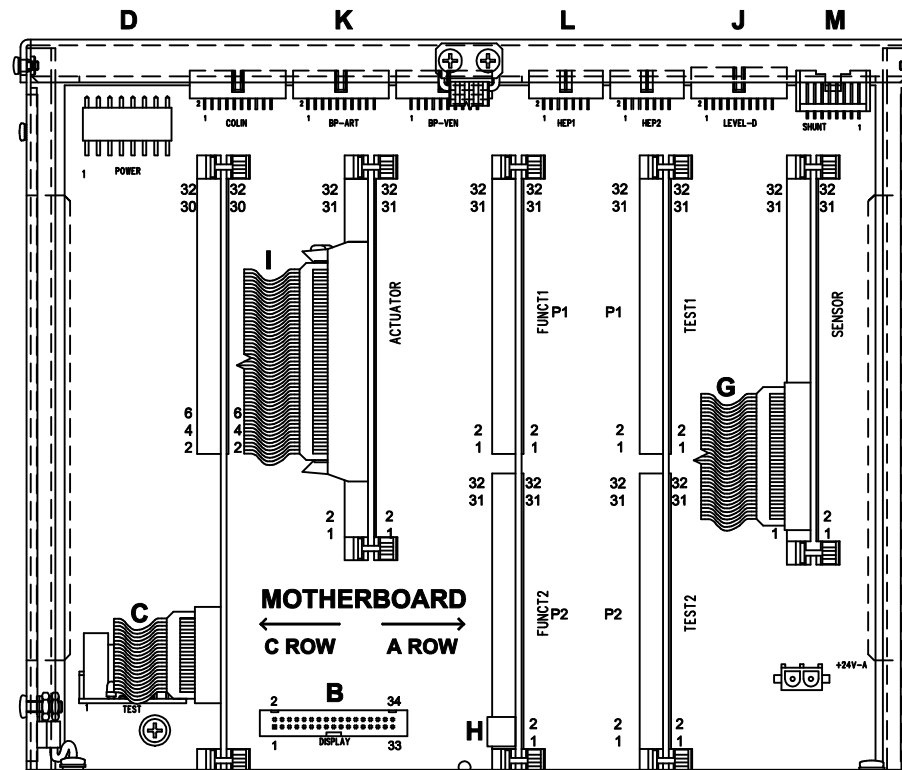


DIAGRAM K CARD CAGE AND DISPLAY BOARD

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