

Figure 3-14. CPU Schematic

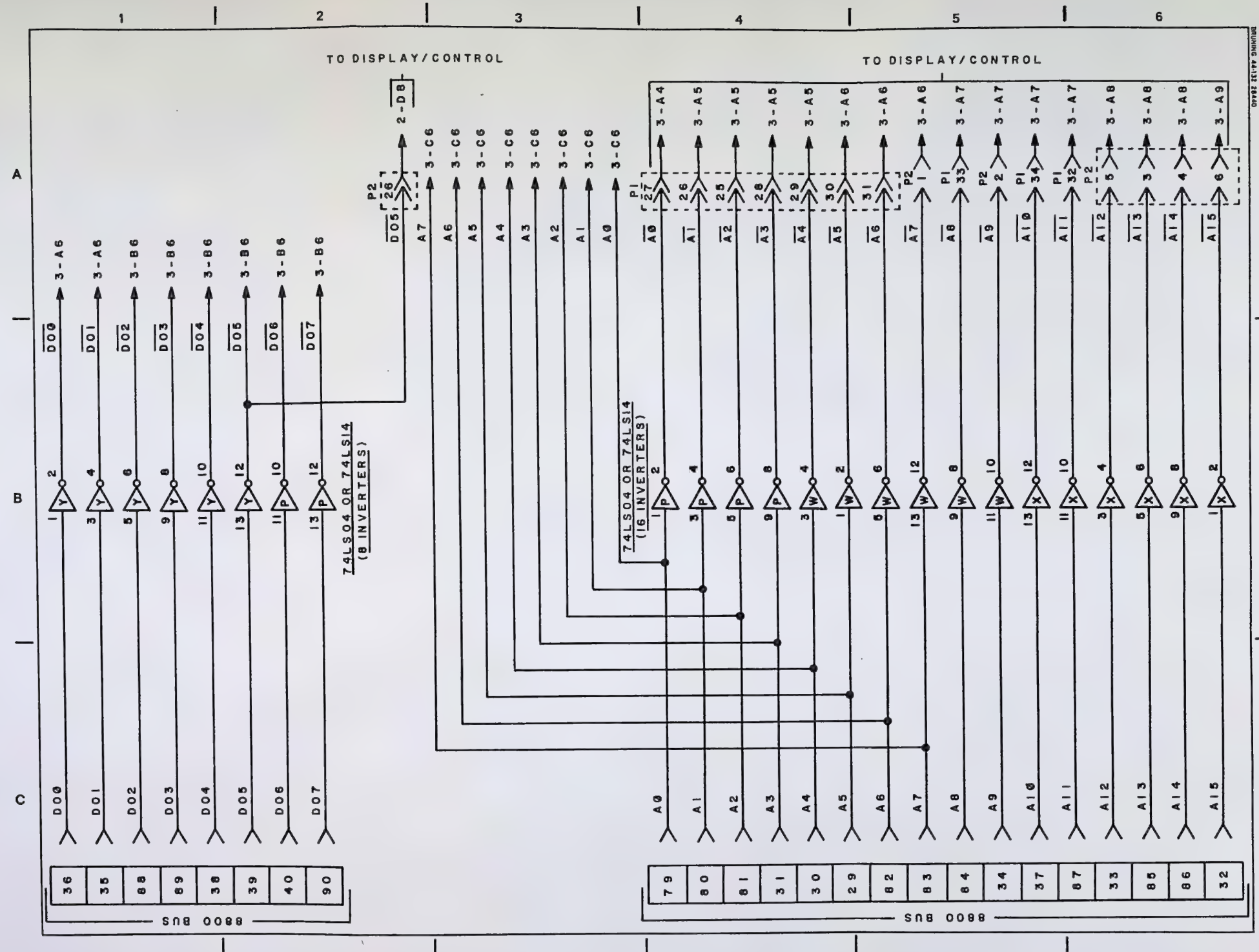


Figure 3-15. Interface Schematic (sheet 1 of 3)
3-65/(3-66 blank)

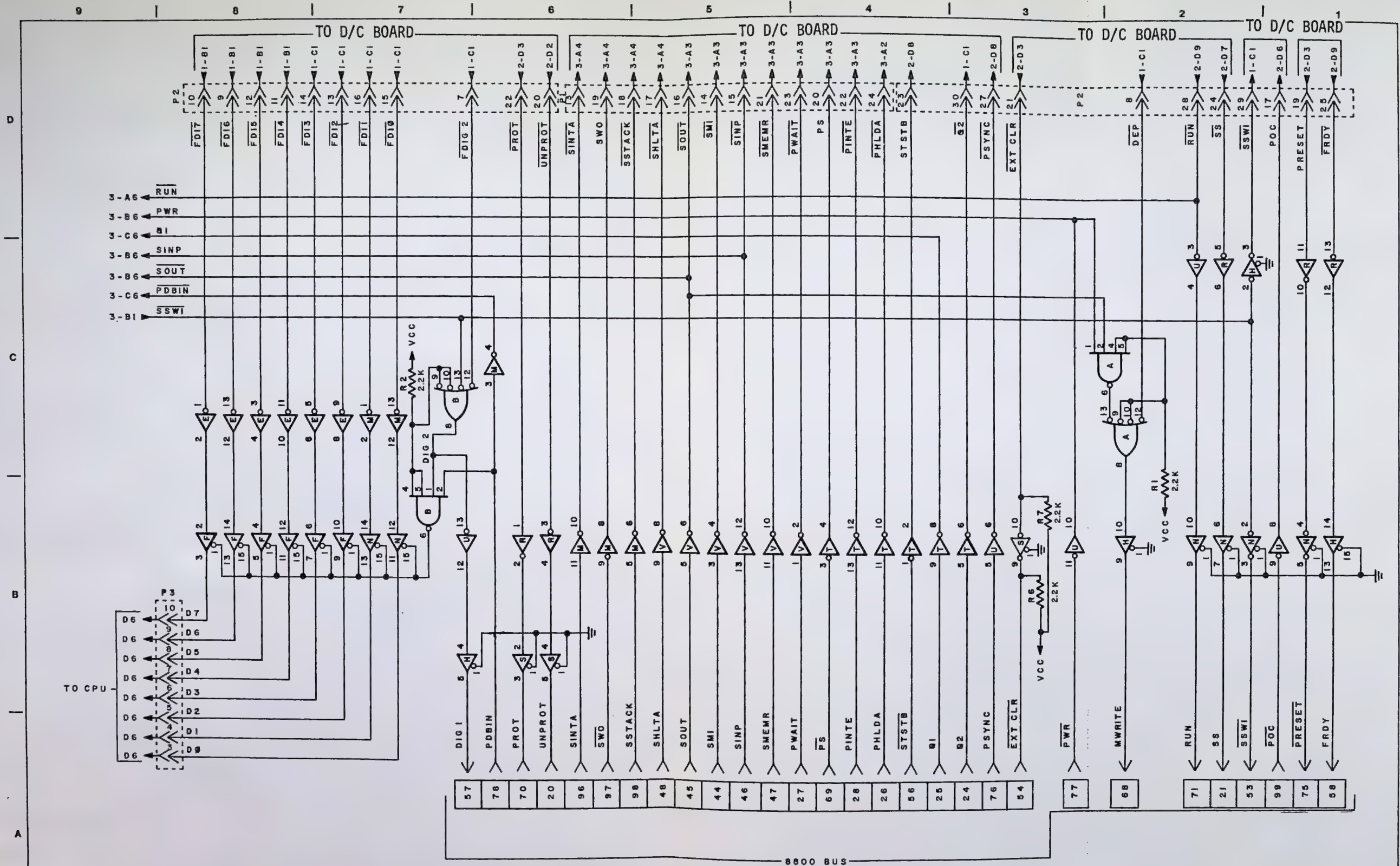
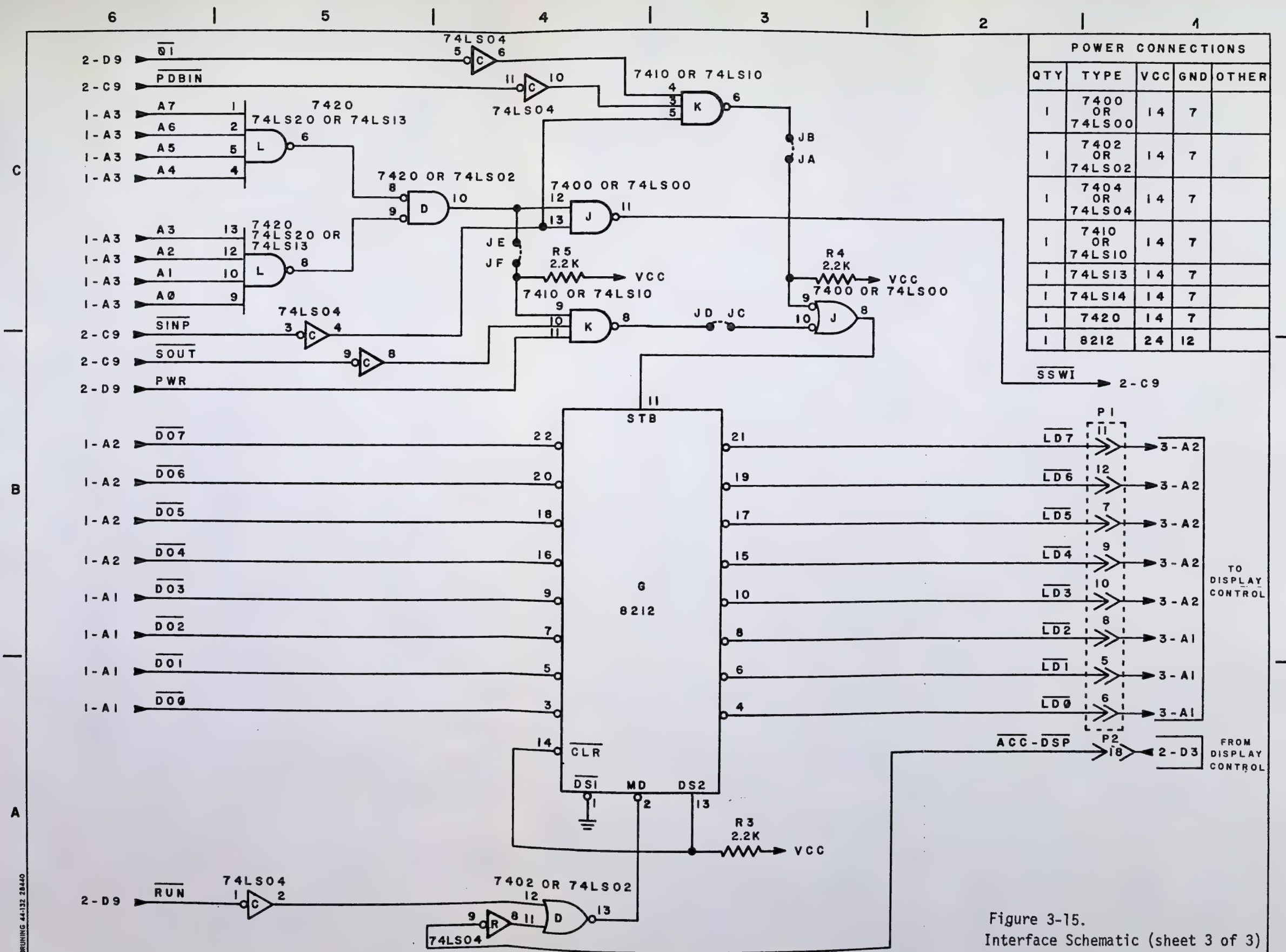
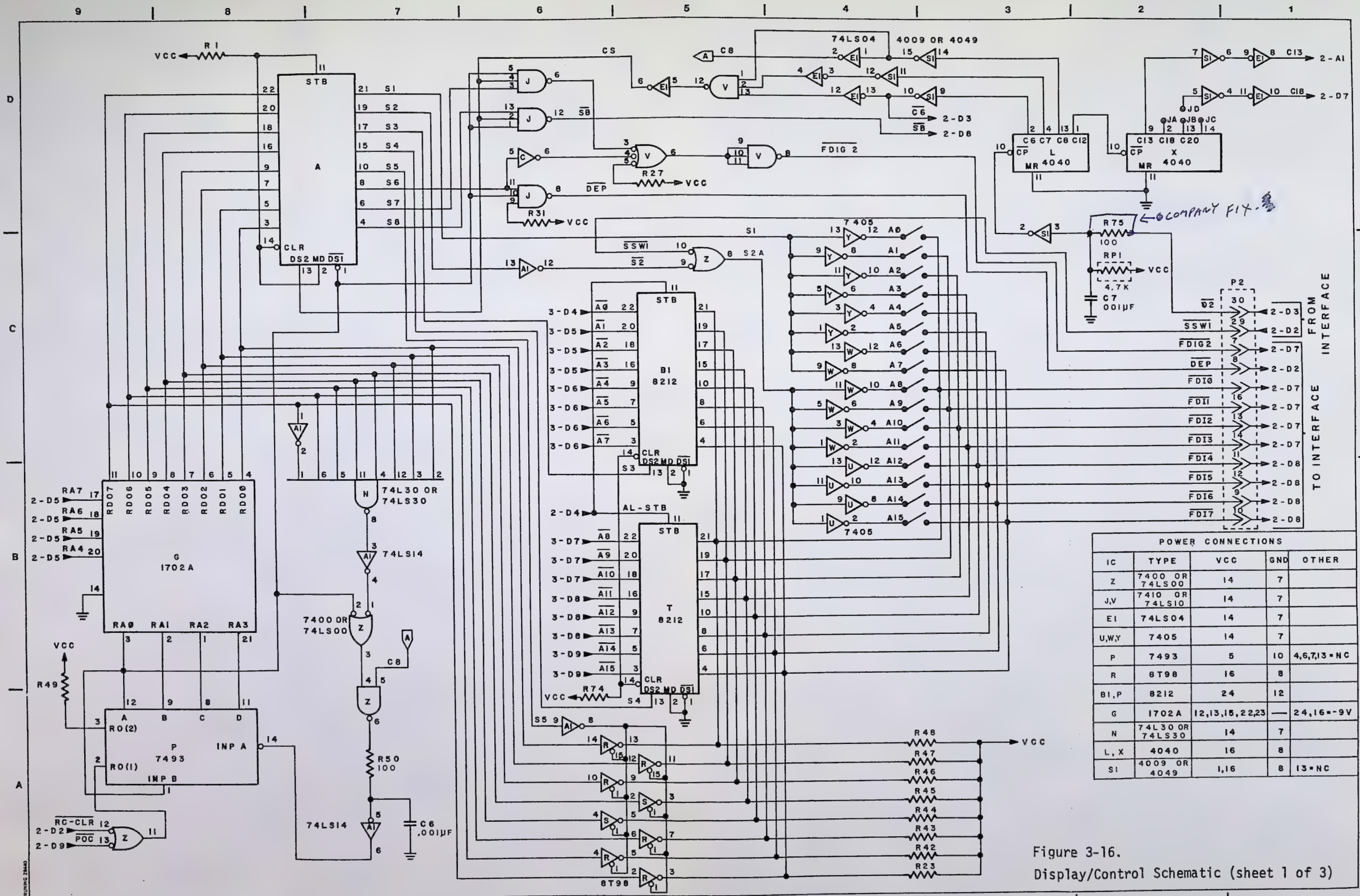


Figure 3-15. Interface Schematic (sheet 2 of 3)





POWER CONNECTIONS				
IC	TYPE	VCC	GND	OTHER
Z	7400 OR 74LS00	14	7	
J,V	7410 OR 74LS10	14	7	
EI	74LS04	14	7	
U,W,Y	7405	14	7	
P	7493	5	10	4,6,7,13 = NC
R	8T98	16	8	
B1,P	8212	24	12	
G	1702A	12,13,15,22,23	—	24,16 = -9V
N	74LS30 OR 74LS30	14	7	
L, X	4040	16	8	
SI	4009 OR 4049	1,16	8	13 = NC

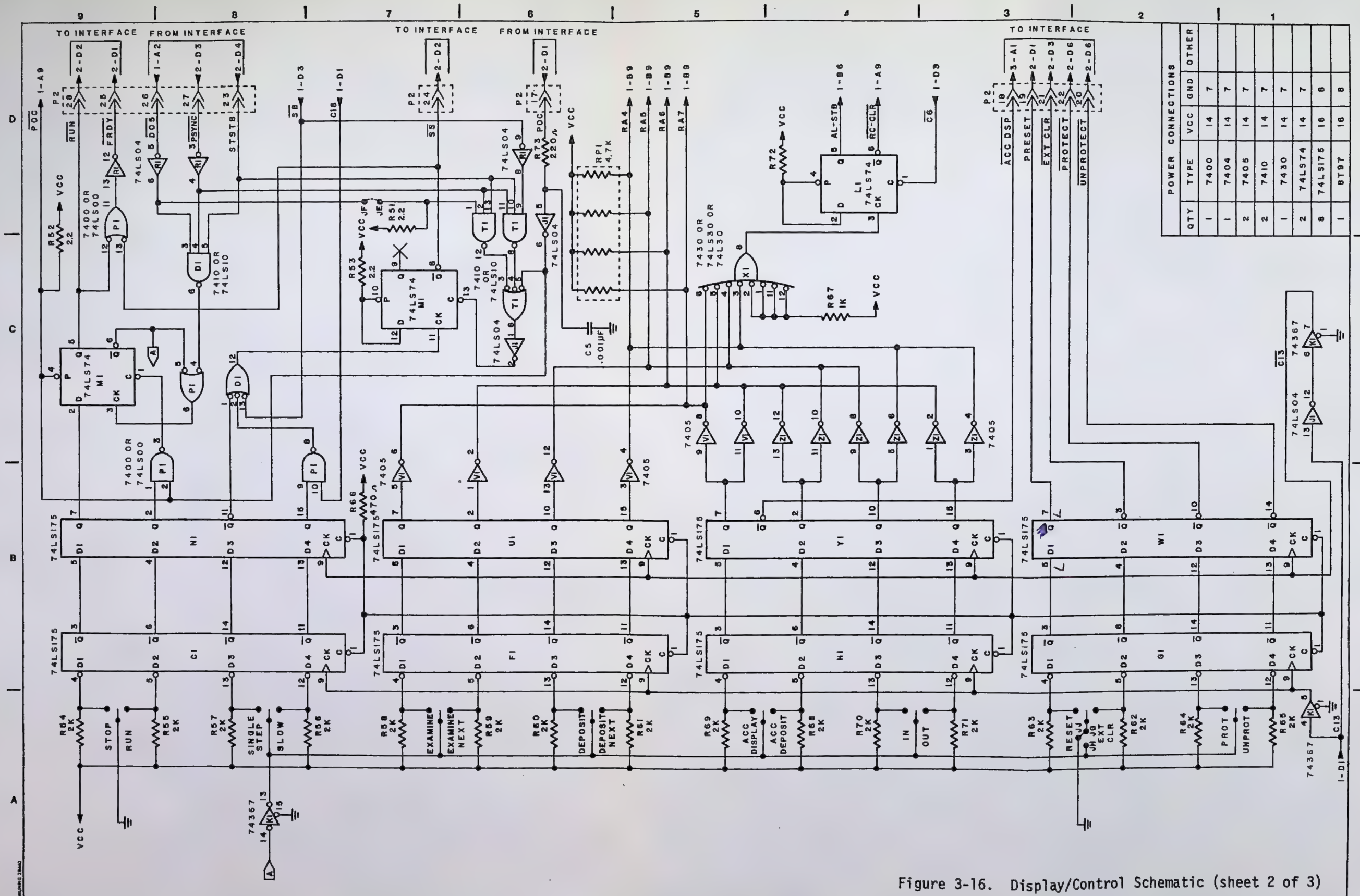
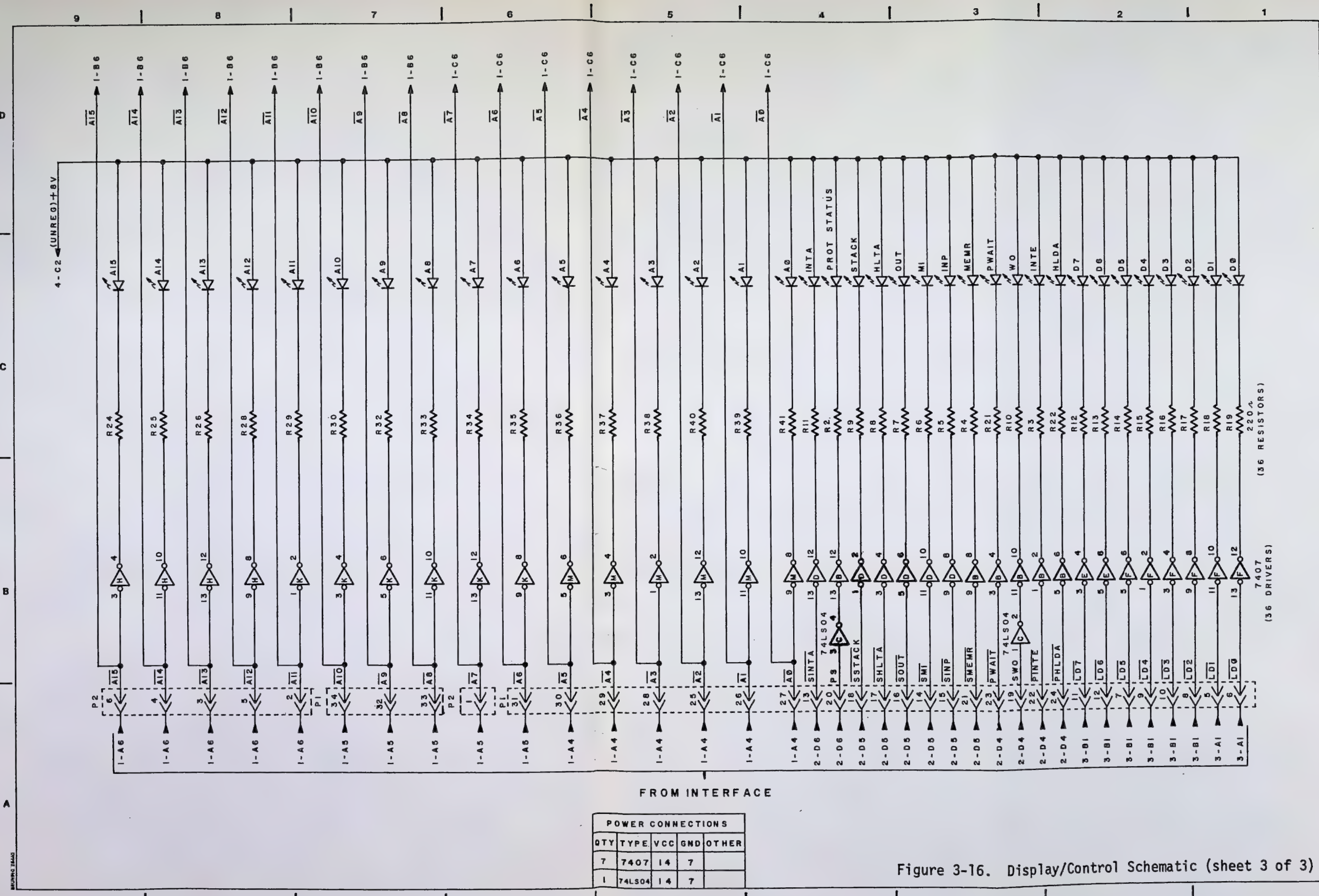


Figure 3-16. Display/Control Schematic (sheet 2 of 3)



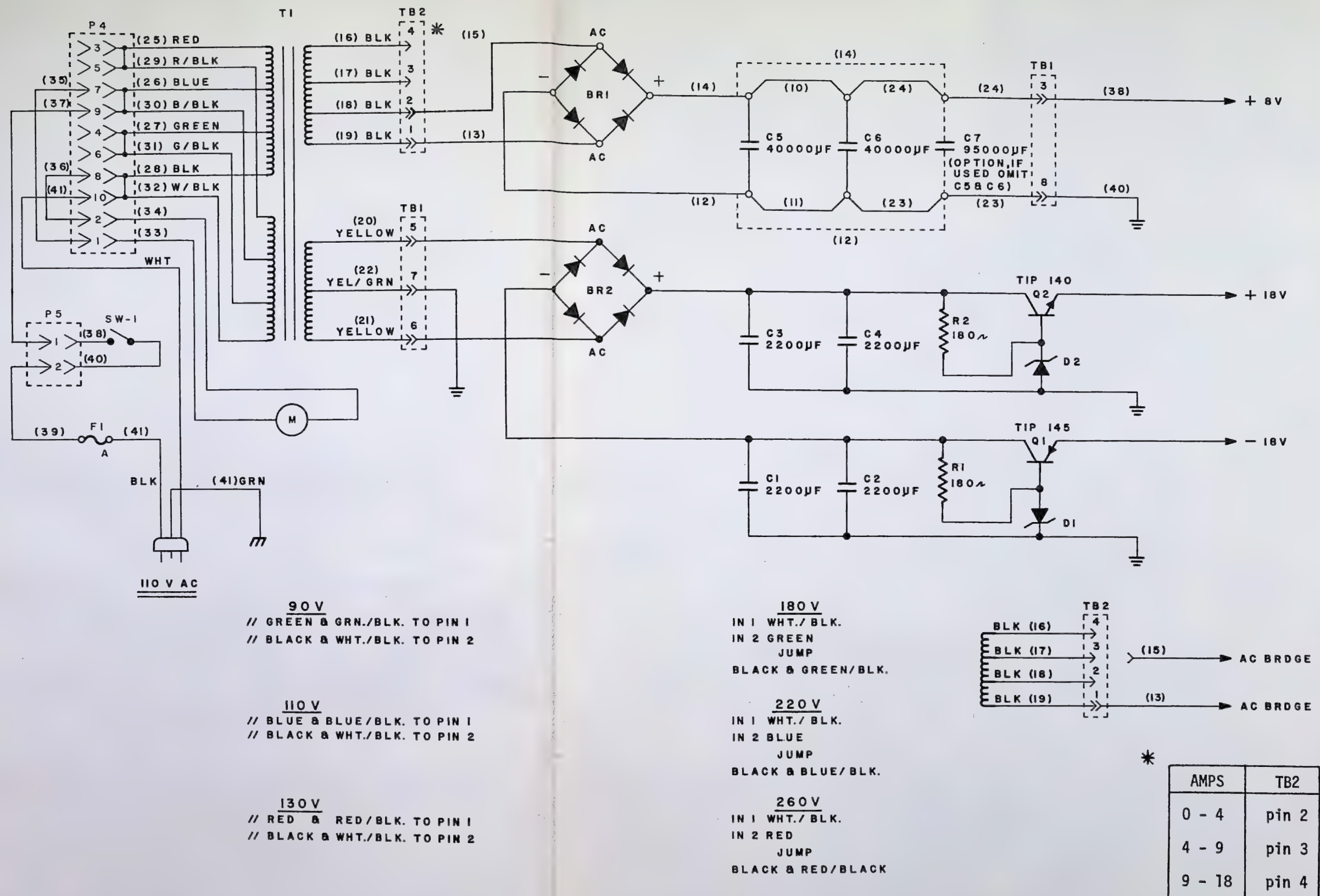
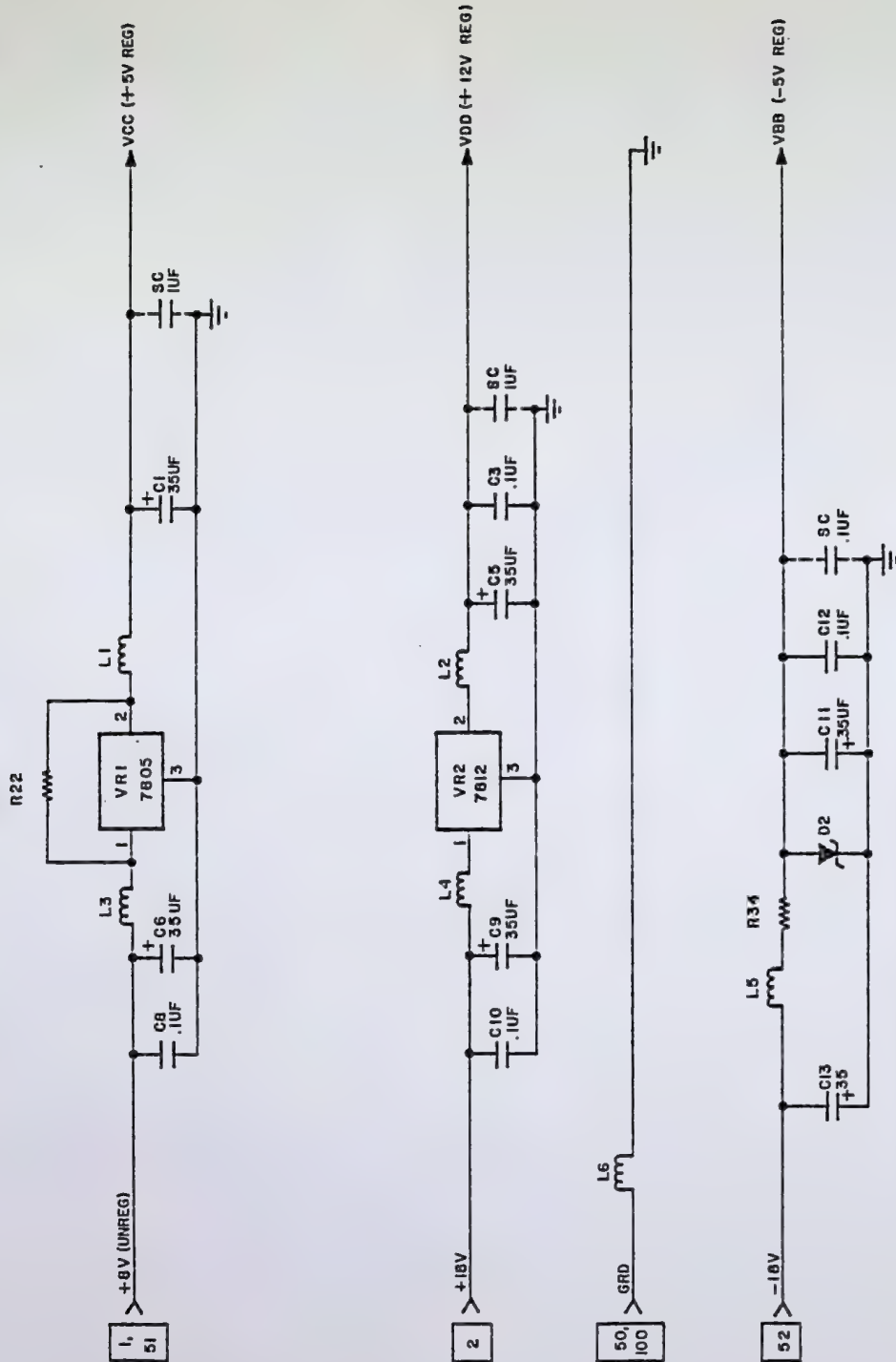


Figure 3-17. Power Supply Board Schematic
 3-77/(3-78 blank)



REF DESIG	TYPE	VCC	GRD	OTHER	REF DESIG	TYPE	VCC	GRD	OTHER
G.B	74LS04	14	7		M	8080A	20	2	
C	74LS13	14	7		J,X,R,V, N,U,P	74368 8198	16	8	
S,Y	74LS14	14	7		K	8212	24	12	
P,W	74367	16	8		D,E	8216	16	8	
					F	8224	16	8	VDD = 9
					A	4009	1	8	VDD = 16

Figure 3-18. CPU Voltage Regulator Schematic

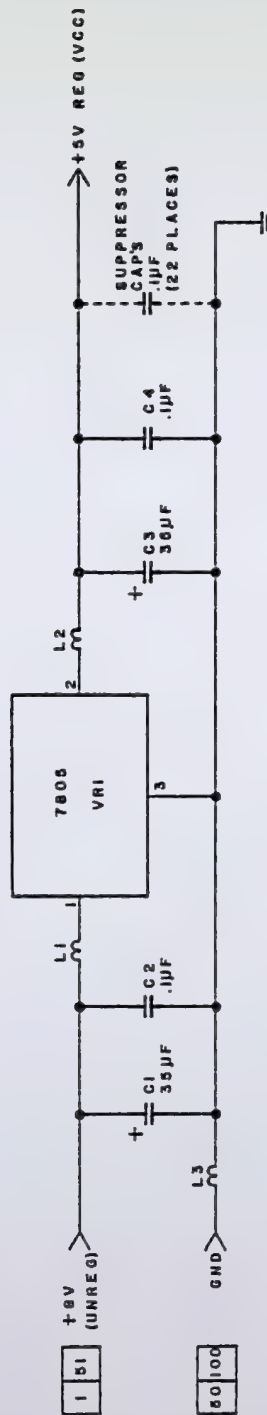


Figure 3-19. Interface Voltage Regulator Schematic

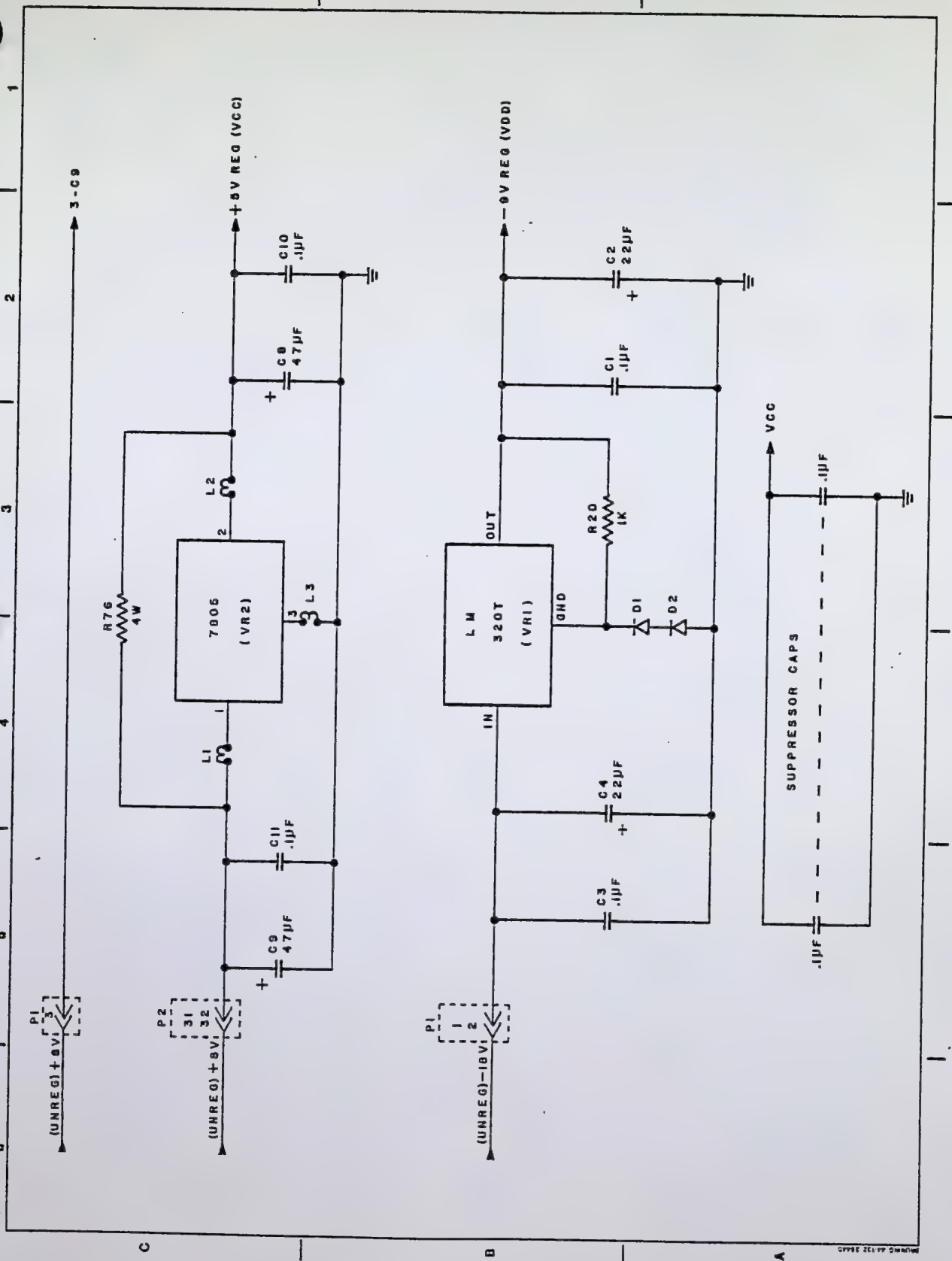


Figure 3-20. Display/Control Voltage Regulator Schematic