

REV. NO.		DESCRIPTION		DATE	DR	CHK	APPR	REV. NO.		DESCRIPTION		DATE	DR	CHK	APPR
F	ECN 12220							A	ERN 9 UH PRE-PROD RELEASE						
G	ECN 12744							B	ECN 10381						
H	ECN 13231							C	ERN 10-AH PROD RELEASE						
J	ECN 13437							D	ECN 10957						
K	ECN 14870							E	ECN 11492						
L	ECN 15144								ECN 11894						

ASSEMBLY	VERSION	R9, R10, R12, R15, R16, R21, R23, R25, R26, R27, R31, R33, R36, R39, R43, R44, R45, R46, R48, R50, R83, CS, C14, C15, C18, C35, C36, C37, Q1, Q2, Q5, CR3, CR4, U11, L7, CR6	R41, R49, R56, R58, C16, O7	R47	W1	W2	W3	W4	W5	W6	W7	
600281	VERSION NO.			VALUE	PART NO.	100-0005	100-0005	100-0005	100-0005	100-0005	100-0005	100-0005
-01	DC, SINGLE DENSITY	USE	OMIT	IK	100-1025	OMIT	OMIT	USE	OMIT	USE	OMIT	
-02	DC, DOUBLE DENSITY	USE	USE	2.2K	100-2225	OMIT	OMIT	USE	OMIT	USE	OMIT	
-03	AC, SINGLE DENSITY	OMIT	OMIT	IK	100-1025	OMIT	OMIT	USE	OMIT	USE	OMIT	
-04	AC, DOUBLE DENSITY	OMIT	USE	2.2K	100-2225	OMIT	OMIT	USE	OMIT	USE	OMIT	

PART NO.	REFERENCE DESIGNATION
100-1015	R32, 34, 91
100-1025	R22, 38, 62, 66, 78, 89, 3
100-1035	R7, 67, 93, 95
100-1045	R94, 96
100-1055	R99
100-1515	R53, 60, 70, 72, 80, 81, 84, 87
100-1525	R14, 19
100-2215	R29, 37, 51, 52
100-2225	R57, 61, 82, 85, 92, 2, 102, 103
100-2235	R30, 74, 77
100-2245	R13
100-2725	R17
100-2735	R40, 97
100-1005	R68
100-4715	R 55, 86
100-4725	R11, 18, 20
100-4735	R8
100-6815	R88, 90
100-6825	R64, 65, 71, 75
100-8225	R24
101-1015	R98
101-1215	R100
101-1525	R73
101-1825	R76, 79
101-3305	R 101
103-1015	R1, 6
104-8250	R5
104-1521	R69
104-2871	R54
104-4221	R4
104-6811	R59
104-2152	R35
120-0001	U3
120-2020	R63
120-2030	R42
130-1015	C6, 9
130-3315	C19
130-4705	C31
130-4715	C30
130-7515	C27
131-1030	C34
131-1520	C3, 42

PART NO.	REFERENCE DESIGNATION
139-1020	C12, 21, 24
139-1055	C8, 10, 11, 33
139-2244	C1, 4, 7, 13, 17, 20, 25, 29, 38, 39, 40, 41
139-4751	C2, 26, 32
139-4755	C22, 23, 28
200-1100	Q6, 8, 11, 15
200-4123	Q9, 14
200-4125	Q10, 12, 16, 17, 18, 19, 20
200-5321	Q13
300-4002	CR13, 15, 16, 17
300-4446	CR5, 8, 9, 10, 11, 12, 14, 18, 19, 20, 21
330-0515	VR2
330-0685	VR3
331-1605	VR1
400-0339	U10
400-0555	U13
400-0592	U16, 20
515-1015	L1, 2, 5, 6
515-2405	L3, 4
101-0125	R44
101-1825	R23
104-2372	R46
121-5020	R50
130-5615	C16
700-7406	U19, 25
700-7407	U24
700-7450	U26
700-8020	U12
710-4107	U21, 23
710-4112	U7
710-4221	U17, 18
710-7400	U22
710-7402	U1, 9, 15
710-7404	U6, 14
710-7414	U8

PART NO.	REFERENCE DESIGNATION
100-1045	R36
100-1055	R25
100-1515	R48, 83
100-1525	R16, 12
100-1815	R45
100-2225	R49
100-1035	R27
100-2245	R9
100-2745	R39, 56
100-4705	R33
100-4715	R26, 31
100-4725	R10, 43, 58, 15
100-4745	R41
100-8225	R21
200-3200	Q1
200-4123	Q2, 5
204-3993	Q7
300-4446	CR3, 4, 6
400-2741	U11
515-1505	L7

PART NO.	REFERENCE DESIGNATION
131-1030	C35
135-4731	C15, 36
139-1020	C18
139-1055	C5
139-1045	C14
139-4762	C37

PART NO.	REFERENCE DESIGNATION
120-0001	U3
120-2020	R63
120-2030	R42

LAST USED	NOT USED	DELETED
C42		
CR21	CR1, 2, 7	
L7		
Q20	Q3, 4	
R103	R28	
TP21		
U26	U2, 4, 5	
VR4		VR4
W7		

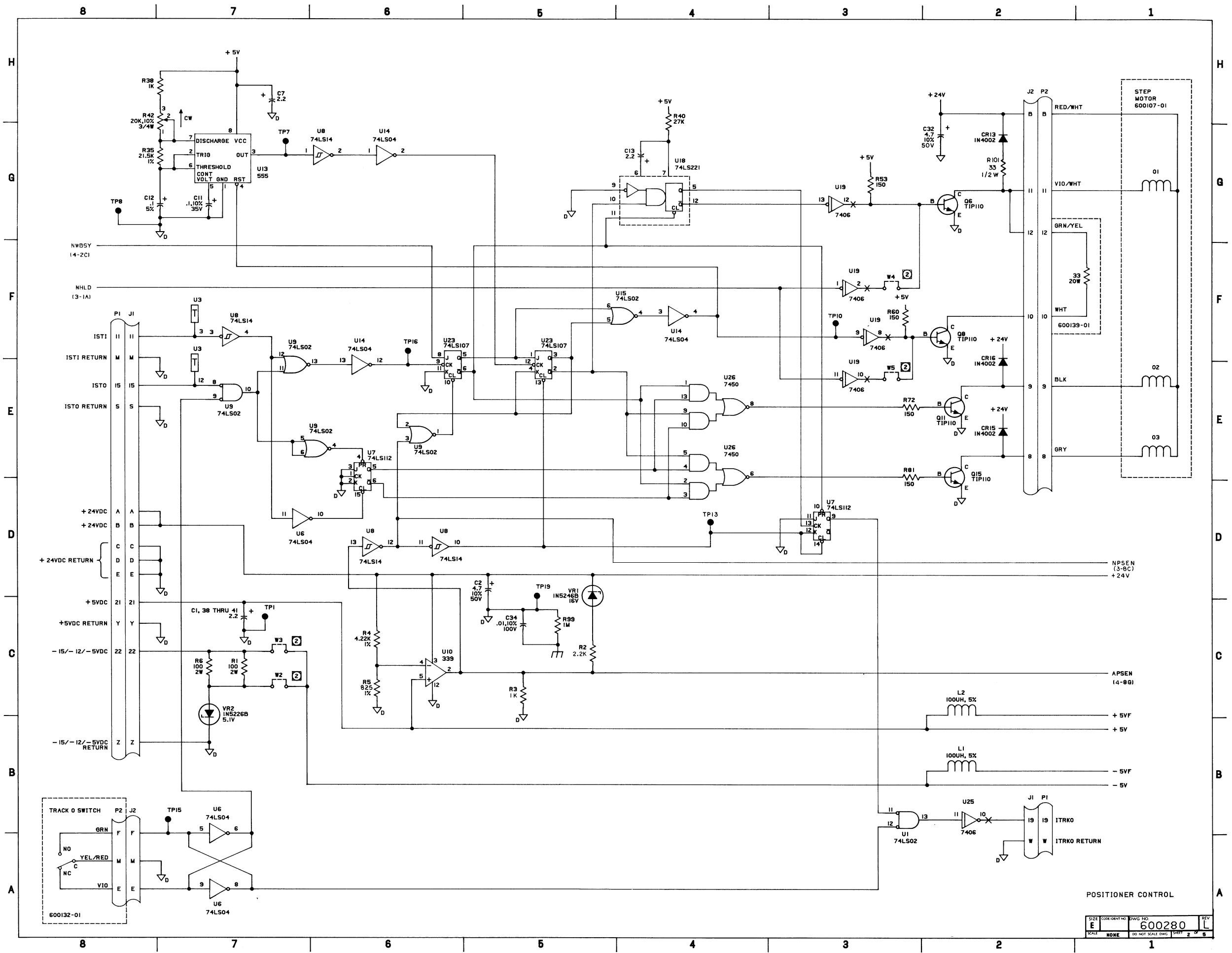
  

PART NO.	REFERENCE DESIGNATION
U3	120-0001

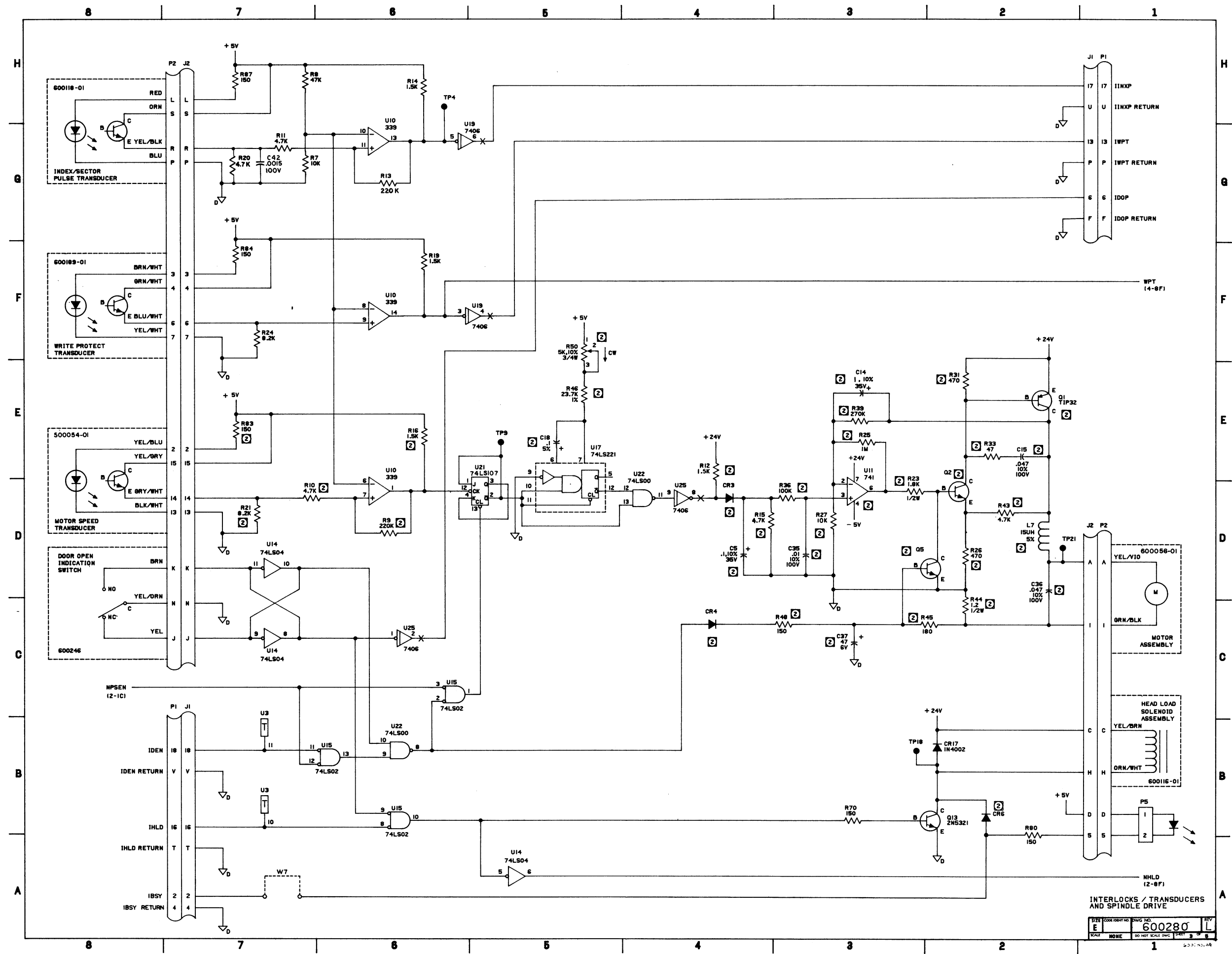
**10** FOR SPARE LOGIC ELEMENTS SEE TABLE IV.  
**9.** PIN 7 OF 14 PIN I.C.'S IS LOGIC GND.  
 PIN 14 OF 14 PIN I.C.'S IS +5V.  
 PIN 4 OF 741 IS -5V.  
 PIN 7 OF 741 IS +24V.  
 PIN 6 OF 16 PIN I.C.'S IS LOGIC GND.  
 PIN 16 OF 16 PIN I.C.'S IS +5V.  
 PIN 12 OF 339 IS LOGIC GND.  
 PIN 13 OF 339 IS +24V.  
**8.** DIODES ARE 1N4446.  
**7.** PNP TRANSISTORS ARE 2N4125.  
**6.** NPN TRANSISTORS ARE 2N4123.  
**5.** CAPACITOR VALUES ARE IN MICROFARADS, 20%, 20V.  
**4.** RESISTOR VALUES ARE IN OHMS 5%, 1/4W.  
**3** FOR PART NO. SEE TABLE III.  
**2** FOR VALUE, PART NUMBER AND USAGE OF COMPONENTS AFFECTED BY VERSION NUMBER SEE TABLE II.  
**1** FOR PART NUMBER OF COMPONENTS NOT AFFECTED BY VERSION NUMBER SEE TABLE I.  
 NOTES: UNLESS OTHERWISE SPECIFIED  
 ASSEMBLY NO. 600281  
 SPECIFICATION NO. 600284  
 REFERENCE DRAWINGS

SIGNATURES		DATE	PERTEC PERIPHERAL EQUIPMENT DIVISION
DATE			
TITLE		SCHEMATIC, FD CONTROL D	
DRAWN BY		600280	
CHECKED BY		E	
APPROVED BY		L	

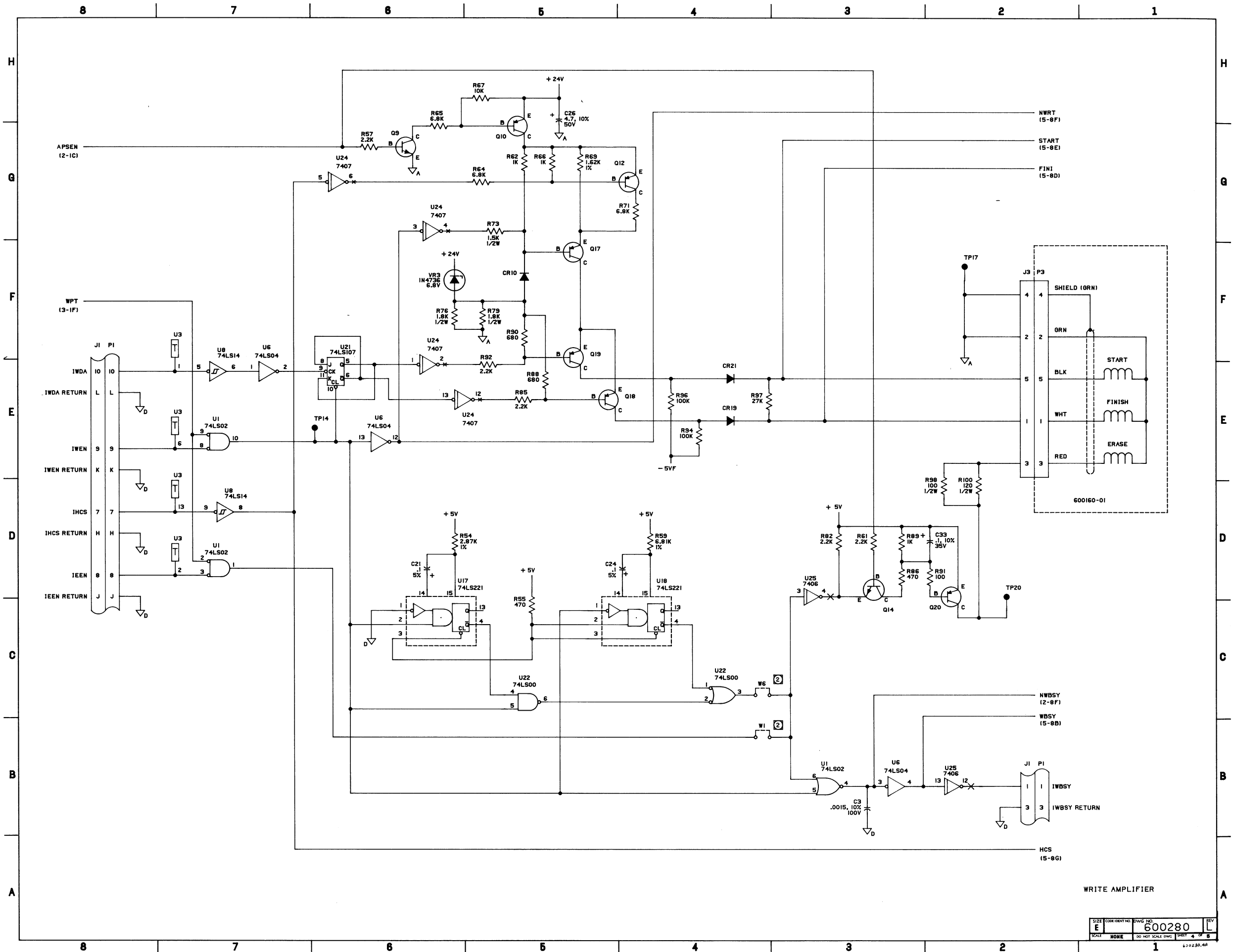


POSITIONER CONTROL

SIZE	CODE	REV	DATE
E		600280	
SCALE	NONE	DO NOT SCALE DIMS	2 5

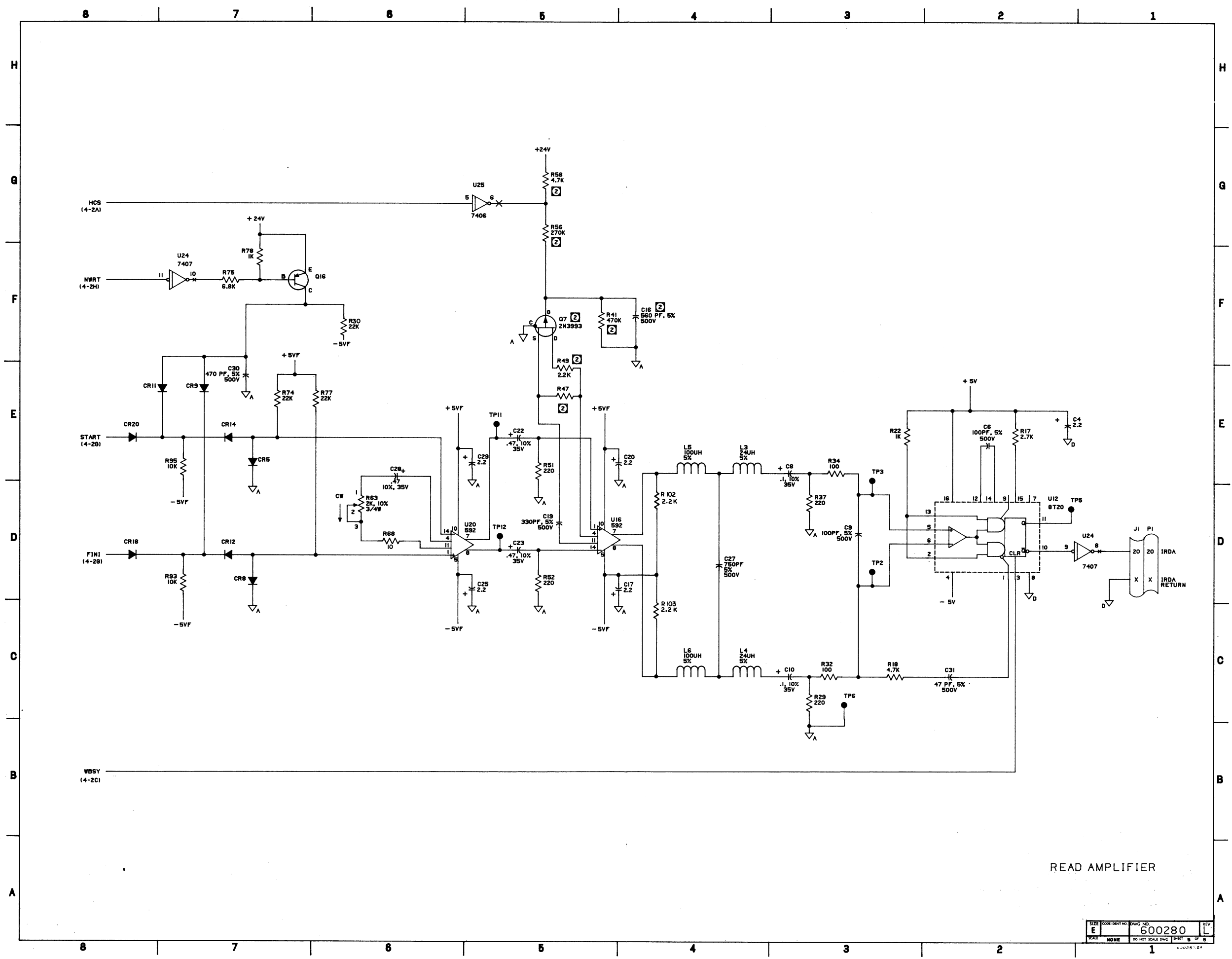


SIZE	BOOK	DATE	DWG. NO.	REV.
E	NONE		600280	L
SCALE	NONE	DO NOT SCALE DWG.		



WRITE AMPLIFIER

SIZE	CODE IDENT NO	DWG NO	REV
E		600280	L
SCALE	NONE	DO NOT SCALE DIMS	SHEET 4 OF 8



READ AMPLIFIER