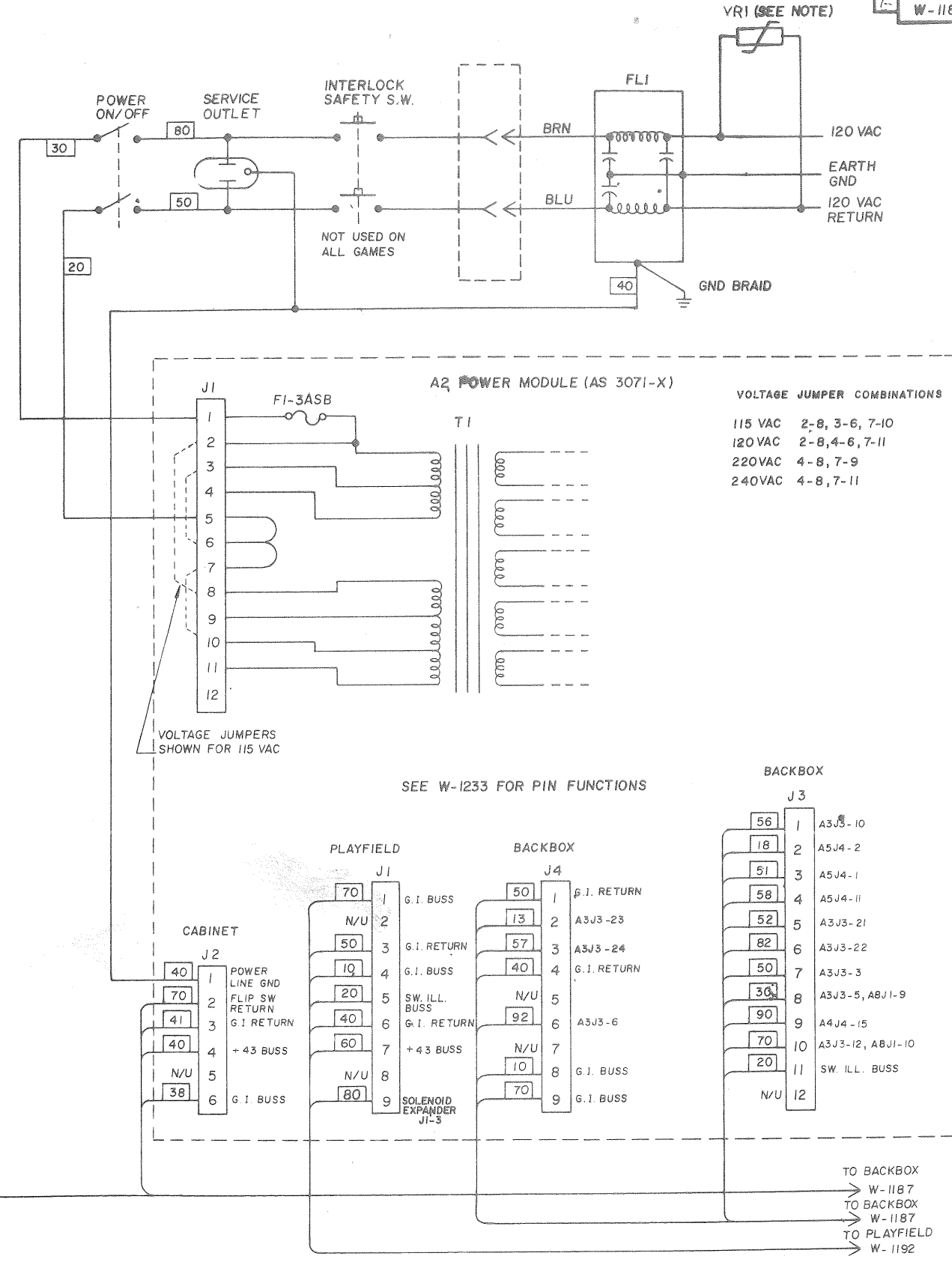
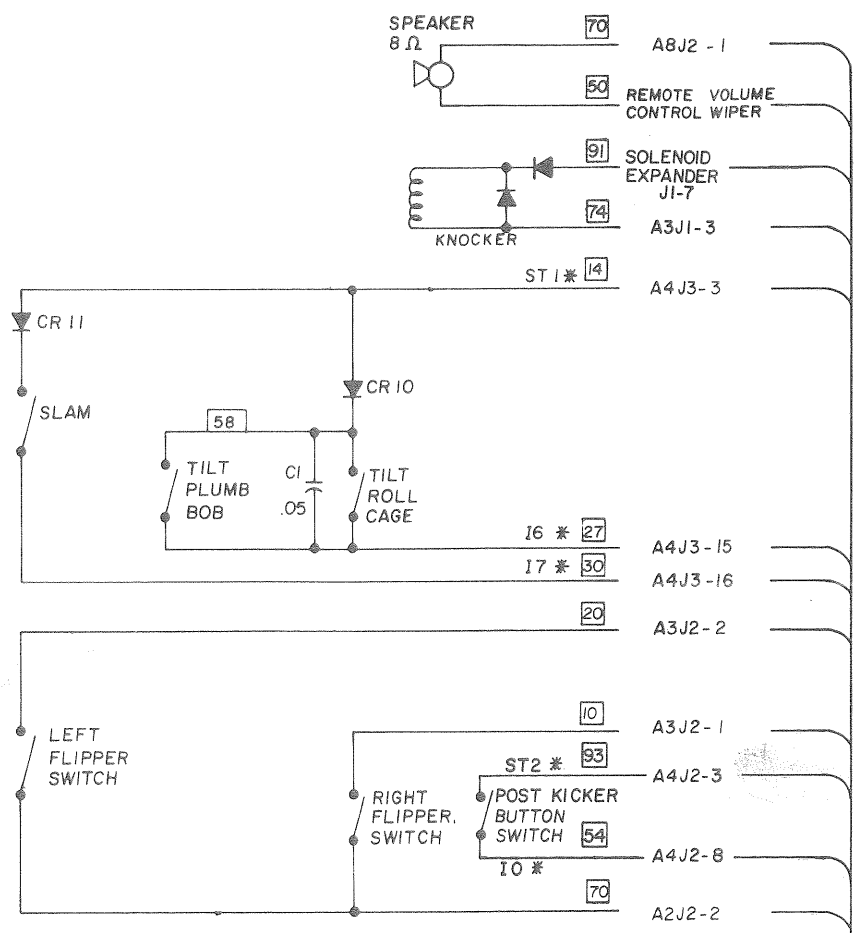
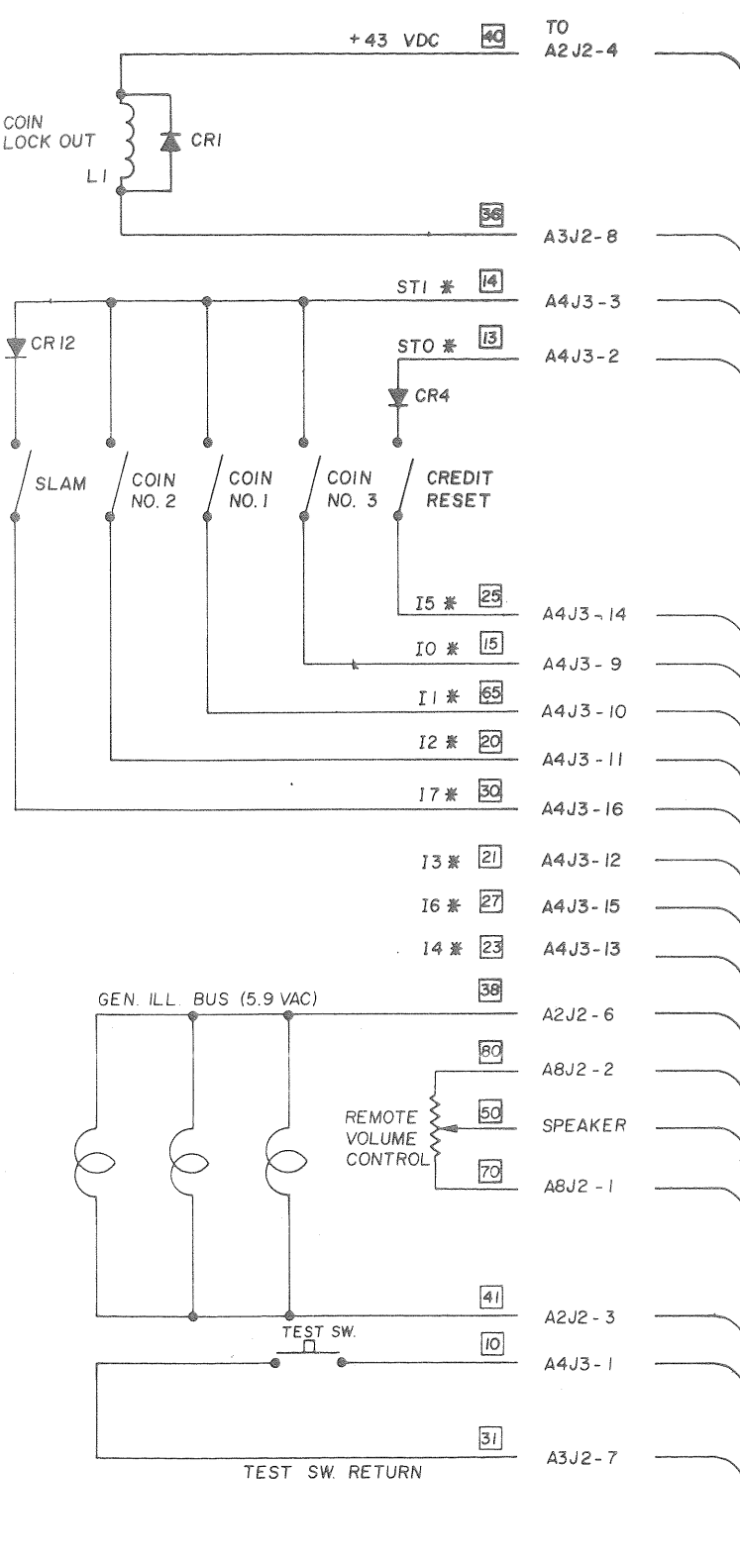


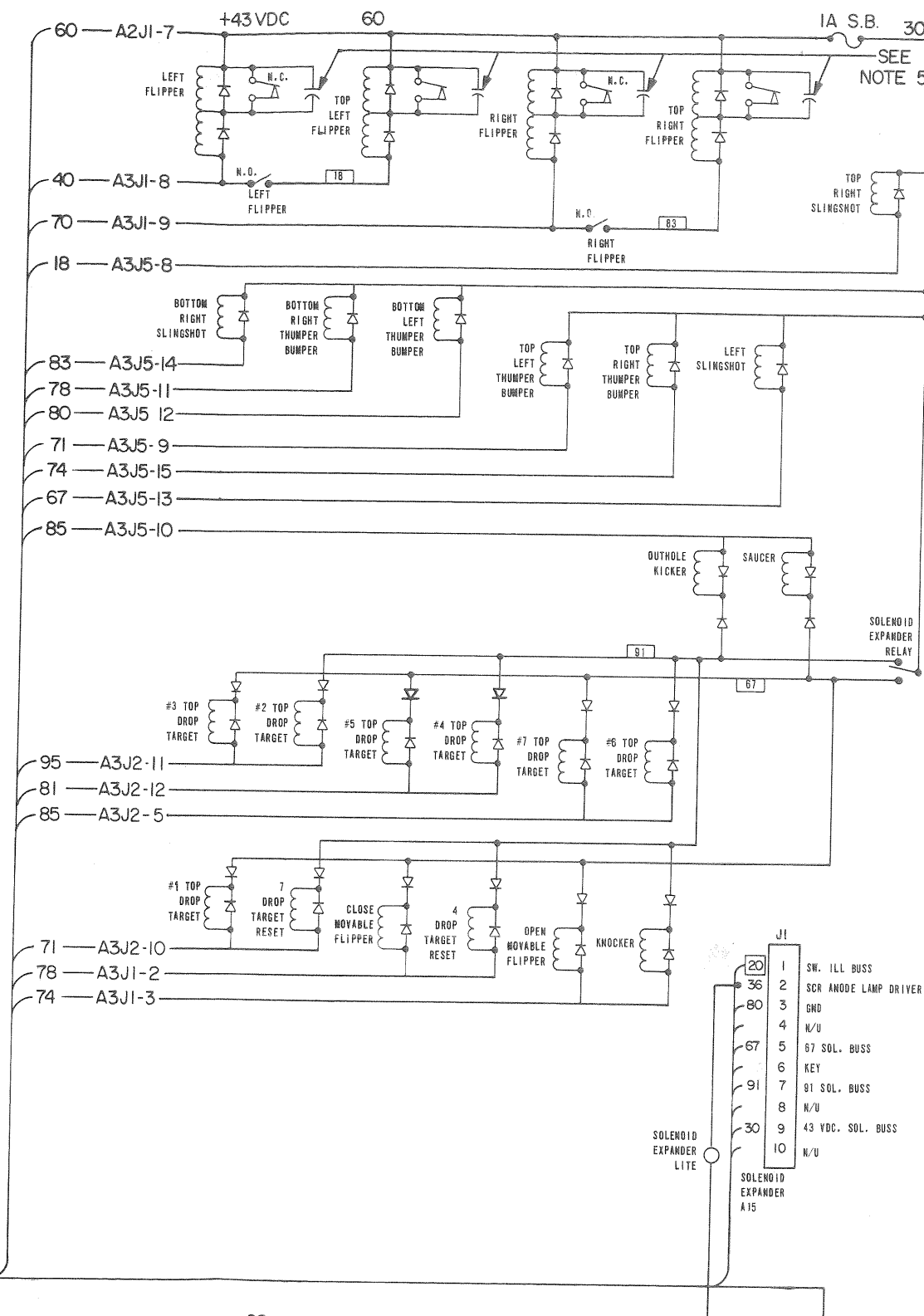


NOTES: (CAUTION)
 1. USE BALLY PART NO. E-713 FOR 115-120 VAC.
 2. USE BALLY PART NO. E-713-1 FOR 220-240 VAC.
 3. * INDICATES AID TEST POINT.

TO	J1 PIN	TO	J1 PIN
A4J3-9	1	A4J3-3	11
A4J3-10	2	A2J2-4	15
A4J3-11	3	A3J2-8	16
A4J3-12	4	A2J2-6	17
A4J3-13	5	A2J2-3	18
A4J3-14	6	A4J3-1	19
A4J3-15	7	A3J2-7	20
A4J3-16	8	SPEAKER	9
A4J3-2	10	A8J2-1	12
DOOR PLUG		A8J2-2	13

A7 CABINET ASS'Y. WIRING
 NOTE: DIODES ARE IN4004, (E-587-6)

REMOVE ALL BURS		DR BY DATE		Bally MANUFACTURING CORP. 7640 BELMONT AVENUE CHICAGO, ILLINOIS	
TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED		CK BY DATE		DIE SIZE C.C. FT PER M LBS PER M	
FRACTIONS		AP'D BY DATE		ASSEM NO USED SCALE	
DECIMALS		DATE		PART NO	
EXCEPT HOLE DIA S ANGLES		FINISH:		WIRING DIAGRAM-CABINET	
DO NOT SCALE DRAWING		HARDENING		MATERIAL MEDUSA	
NO LET CHANGE DATE BY		CODE		W-1186-14 c	



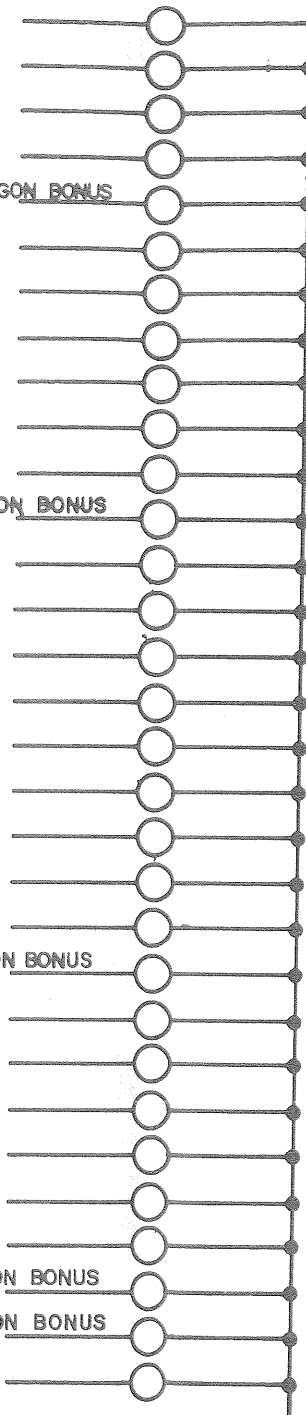
- | | | | |
|----|---------|------------------------|--|
| 20 | A5J2-2 | TOP MIDDLE BACK TARGET | |
| 12 | A5J2-14 | 150K COLOSSUS BONUS | |
| 23 | A5J2-15 | COLOSSUS SPECIAL | |
| 98 | A5J2-20 | 60K COLOSSUS BONUS | |
| 10 | A5J2-6 | 90K COLOSSUS BONUS | |
| 91 | A5J2-7 | 120K COLOSSUS BONUS | |
| 60 | A5J2-1 | SPECIAL MEDUSA | |
| 34 | A5J2-16 | 30K COLOSSUS BONUS | |

TO
W-1187-31

ALL DESIGN OPERATIVE AND PROCESS DATA PERTAINING TO THE ARTICLES SHOWN IN THIS SHEET IS THE PROPERTY OF BALLY, INCORPORATED, CHICAGO, ILL. THIS INFORMATION IS DISCLOSED IN CONFIDENCE AND IS NOT TO BE COPIED, REPRODUCED, REBUILT, OR REPRODUCED BY OTHERS IN PART OR IN WHOLE WITHOUT THE EXPRESS CONSENT OF THE OWNERS. THE PRINT IS LOANED AND MUST NOT BE USED IN ANY MANNER DETRIMENTAL TO THE INTEREST OF THE OWNERS AND MUST BE RETURNED IN DEMAND.			
REMOVE ALL BURRS TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED FRACTIONS - DECIMALS - EXCEPT HOLE DIA ANGLES - DO NOT MASK DRAWING	DR. BY DATE J.D.V. 5-16-81 CR. BY DATE J.D.V. 5-16-81 AP'D BY DATE J.D. 6-2-81 AP'D BY DATE J.D.V. 6-2-81	Bally MANUFACTURING CORP. 2640 BELMONT AVENUE CHICAGO, ILLINOIS #1245	
	PRINT CONTROL	DIE SIZE - CC - FT PER M - LBS PER M	
	NAME	WIRING DIAGRAM PLAYFIELD	
	FINISH:	MATERIAL MEDUSA	ASSEM NO USED
HARDENING:	CODE	PART NO W-1192-31c	

Pin	Label	Function
72	A9J3-18	#16 TOP OF PANEL
23	A9J3-17	#20 RIGHT TOP OF PANEL
56	A9J3-16	#12 TOP OF PANEL
14	A9J3-15	#4 TOP OF PANEL
27	A9J3-14	#4 SHOOTER LANE ROLLOVER BUTTON & GORGON BONUS
96	A9J3-13	FIRE SHOOTER LANE
21	A9J3-12	#8 TOP OF PANEL
70	A9J3-11	#3 TOP OF PANEL
25	A9J3-10	#19 TOP OF PANEL
53	A9J3-9	#11 TOP OF PANEL
13	A9J3-8	#3 TOP OF PANEL
82	A9J3-7	#3 SHOOTER LANE ROLLOVER BUTTON & GORGON BONUS
N/U	A9J3-6	
N/U	A9J3-5	
95	A9J3-4	AIM SHOOTER LANE
20	A9J3-3	#7 TOP OF PANEL
57	A9J2-18	#14 TOP OF PANEL
43	A9J2-17	#18 TOP OF PANEL
N/U	A9J2-16	
52	A9J2-15	#10 TOP OF PANEL
12	A9J2-14	#2 TOP OF PANEL
40	A9J2-13	#2 SHOOTER LANE ROLLOVER BUTTON & GORGON BONUS
62	A9J2-12	READY SHOOTER LANE
18	A9J2-11	#6 TOP OF PANEL
80	A9J2-10	#13 TOP OF PANEL
54	A9J2-9	#17 TOP OF PANEL
51	A9J2-8	#9 TOP OF PANEL
10	A9J2-7	#1 LEFT TOP OF PANEL
45	A9J2-6	#1 SHOOTER LANE ROLLOVER BUTTON & GORGON BONUS
60	A9J2-5	#5 SHOOTER LANE ROLLOVER BUTTON & GORGON BONUS
15	A9J2-4	#5 TOP OF PANEL
20	A2J1-5	

5.4 VDO



PANEL FEATURE DISPLAY
6A1

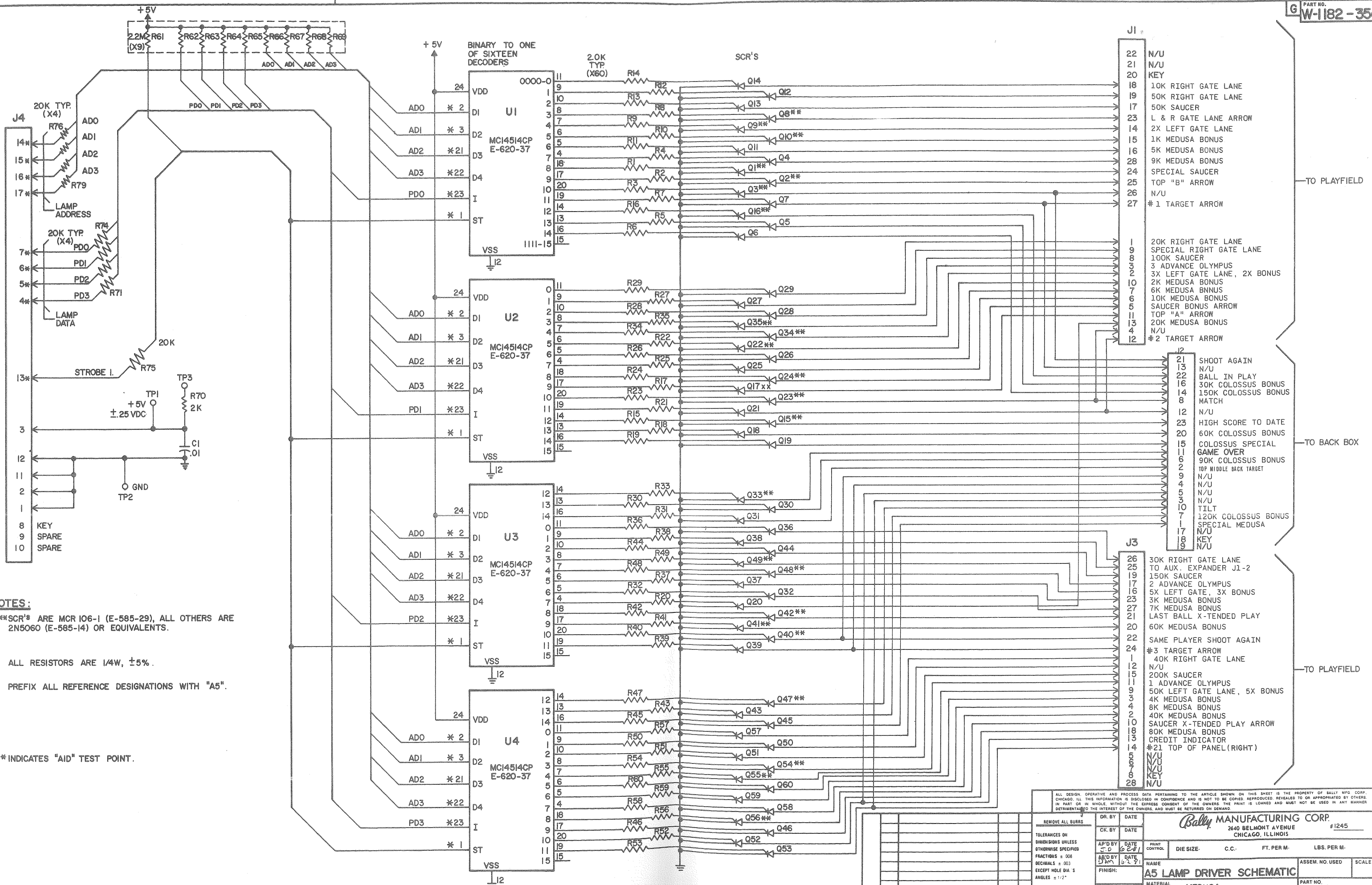
		T0	J1
10	—	A3J3-8	1
		N/U	2
		N/U	3
80	—	A4J1-1	4
20	—	A4J1-2	5
30	—	A4J1-3	6
40	—	A4J1-4	7
50	—	A4J1-5	8
58	—	A4J1-6	9
70	—	A4J1-10	10
		N/U	11
		N/U	12
60	—	A3J3-20	13
		KEY	14
36	—	A4J4-5	15
54	—	A4J1-28	16
38	—	A4J1-27	17
25	—	A4J1-26	18
51	—	A4J1-25	19
45	—	A3J3-17	20

TO
W-1187-31

TO 
W-1207-10

ALL DESIGN, OPERATIVE AND PROCESS DATA PERTAINING TO THE ARTICLE SHOWN ON THIS SHEET IS THE PROPERTY OF BALLY MFG. CORP., CHICAGO, ILL. THIS INFORMATION IS DISCLOSED IN CONFIDENCE AND IS NOT TO BE COPIED, REPRODUCED, REVEALED TO OR APPROPRIATED BY OTHERS. IN PART OR IN WHOLE, WITHOUT THE EXPRESS CONSENT OF THE OWNERS. THE PRINT IS LOANED AND MUST NOT BE USED IN ANY MANNER DETRIMENTAL TO THE INTEREST OF THE OWNERS, AND MUST BE RETURNED ON DEMAND.

					REMOV E ALL BURRS					DR. BY		DATE		Bally MANUFACTURING CORP.						
										CK. BY		DATE		2640 BELMONT AVENUE # 1245						
					TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED FRACTIONS ± .008 DECIMALS ± .003 EXCEPT HOLE DIA.'S ANGLES ± 1/2° DO NOT SCALE DRAWING					AP'D BY		DATE		PRINT		DIE SIZE. C.C. FT. PER M. LBS. PER M.				
										J.D		6-2-81		CONTROL						
										AP'D BY		DATE								
										DM		6-2-81								
										FINISH:				NAME WIRING DIAGRAM						
														PLAYFIELD						
										HARDENING:				MATERIAL MEDUSA						
														CODE						
														PART NO. W-1255-1						
NO.		LET.		CHANGE		DATE		BY												



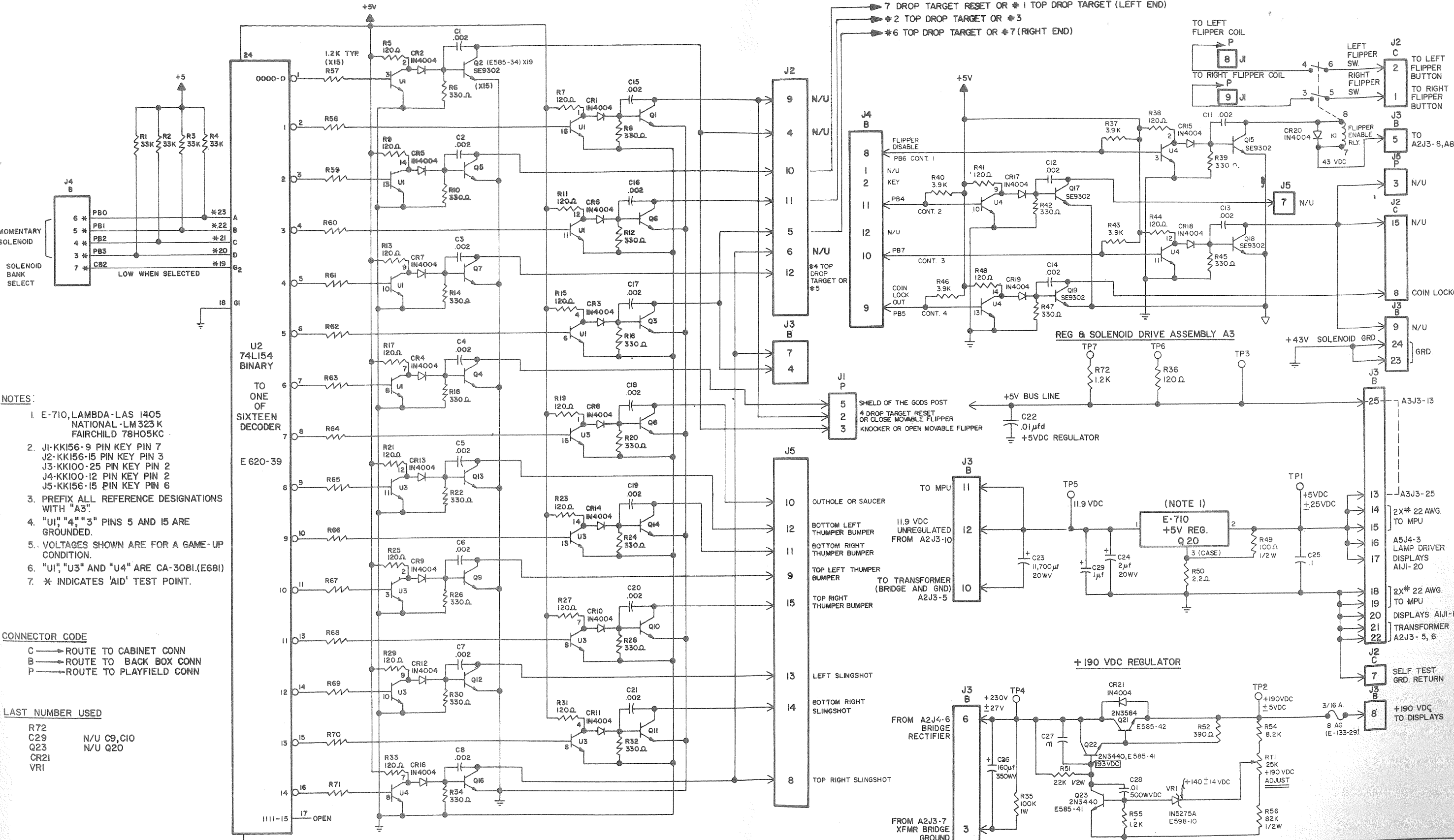
NOTES:
 1. **SCR'S ARE MCR 106-1 (E-585-29), ALL OTHERS ARE 2N5060 (E-585-14) OR EQUIVALENTS.

2. ALL RESISTORS ARE 1/4W, $\pm 5\%$.

3. PREFIX ALL REFERENCE DESIGNATIONS WITH "A5".

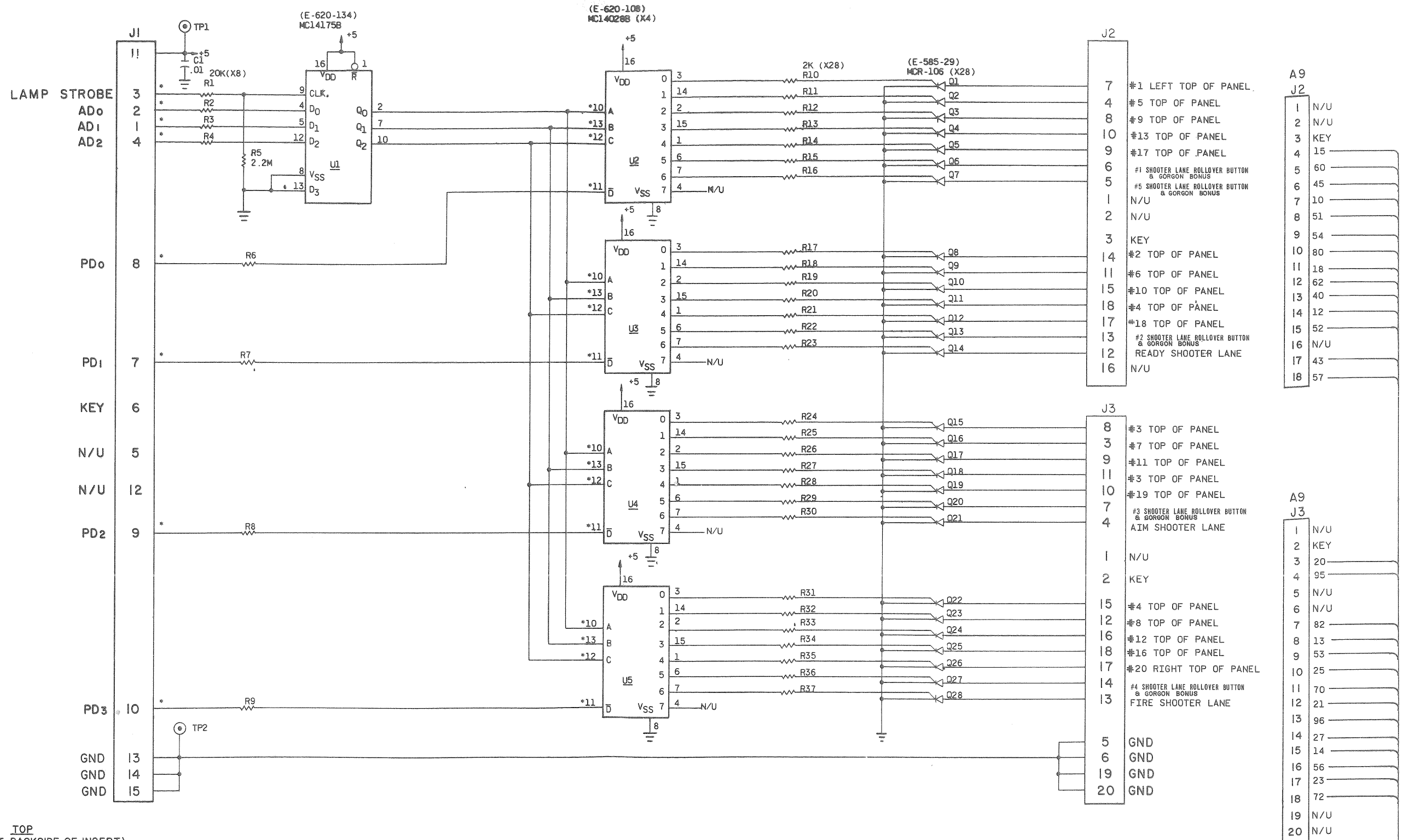
4. * INDICATES "AID" TEST POINT.

REMOVE ALL BURRS TOLERANCES UNLESS OTHERWISE SPECIFIED FRACTIONS = 008 DECIMALS = .003 EXCEPT HOLE DIA. S ANGLES = 1/2"				DR. BY DATE CK. BY DATE AP'D BY DATE FINISH:		PRINT CONTROL DIE SIZE: C.C. FT. PER M. LBS. PER M.	
DO NOT SCALE DRAWING				HARDENING:		NAME: A5 LAMP DRIVER SCHEMATIC MATERIAL: MEDUSA CODE:	
NO. LET. CHANGE DATE BY				ASSEM. NO. USED		SCALE	



REMOVAL OF ALL BURRS DIMENSIONS ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: DIMENSIONS ± .008 DIMENSIONS ± .003 DEPT HOLE DIA. ± .001 DIMENSIONS ± .001	DR BY	DATE	PRINT CONTROL	DIE SIZE	C.C.	FT. PER MIN.	LBS. PER MIN.	#1245
	CK BY	DATE						
FINISH: HARDENING:	AP'D BY	DATE	NAME	SOLENOID DRIVER VOLTAGE REGULATOR SCHEMATIC	ASSEM. NO. USED	SCALE	PART NO.	W-1183-35.0
	AP'D BY	DATE						

DETRIMENTAL TO THE REPAIR OF THE ENGINE										Bally MANUFACTURING CORP. 2640 BELMONT AVENUE CHICAGO, ILLINOIS #1245									
REMOVE ALL BURRS										DR. BY DATE CK. BY DATE									
TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED FRACTIONS ± .008 DECIMALS ± .003 EXCEPT HOLE DIA. ANGLES ± 1/2°										AP'D BY DATE 6-5-81 6-2-81 WSM 6-2-81 FINISH:									
DO NOT SCALE DRAWING										PRINT CONTROL DIE SIZE C.C. FT. PER M. LBS. PER M. NAME SOLENOID DRIVER VOLTAGE REGULATOR SCHEMATIC MATERIAL MEDUSA CODE									
										ASSEM. NO. USED SCALE PART NO. W-1183-35									



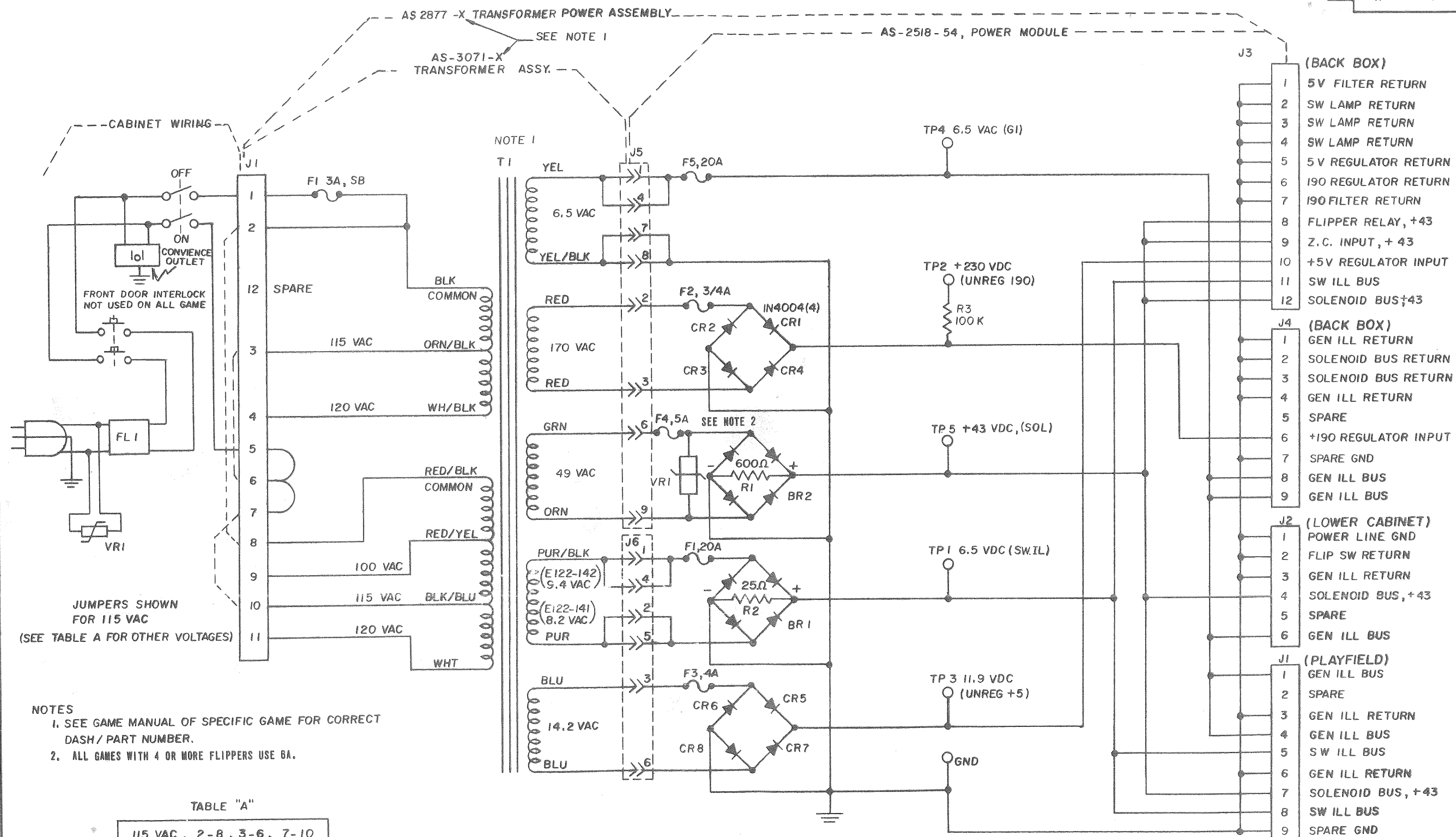
TO PANEL W-1207-10

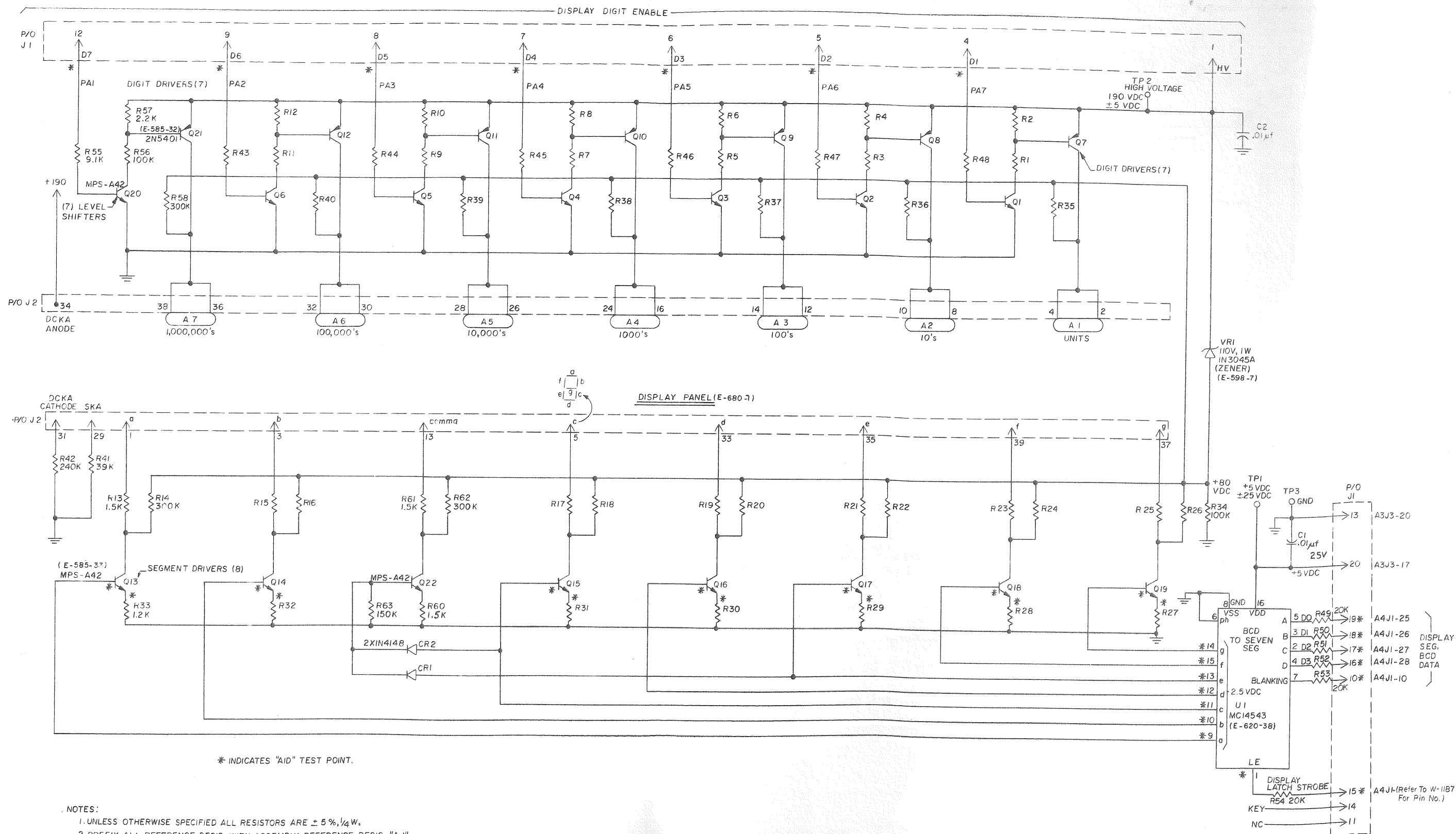
TO INSERT

ALL DESIGN, OPERATIVE AND PROCESS DATA PERTAINING TO THE ARTICLE SHOWN ON THIS SHEET IS THE PROPERTY OF BALLY MFG. CORP. CHICAGO, ILL. THIS INFORMATION IS DISCLOSED IN CONFIDENCE AND IS NOT TO BE COPIED, REPRODUCED, REVEALED TO OR APPROPRIATED BY OTHERS, IN PART OR IN WHOLE, WITHOUT THE EXPRESS CONSENT OF THE OWNERS. THE PRINT IS LOANED AND MUST NOT BE USED IN ANY MANNER DETRIMENTAL TO THE INTEREST OF THE OWNERS, AND MUST BE RETURNED ON DEMAND.			
DR. BY: DATE		Bally MANUFACTURING CORP. 2640 BELMONT AVENUE CHICAGO, ILLINOIS #1245	
CR. BY: DATE		DIE SIZE - C.C. - FT. PER M. - LBS. PER M. -	
APD BY: DATE		ASSEMBLY NO. USED	
APD BY: DATE		SCALE	
PART NO.		PART NO.	
MATERIAL		MATERIAL	
CODE		CODE	

NO.	LET.	CHANGE	DATE	BY

6 PART NO.
W-1233

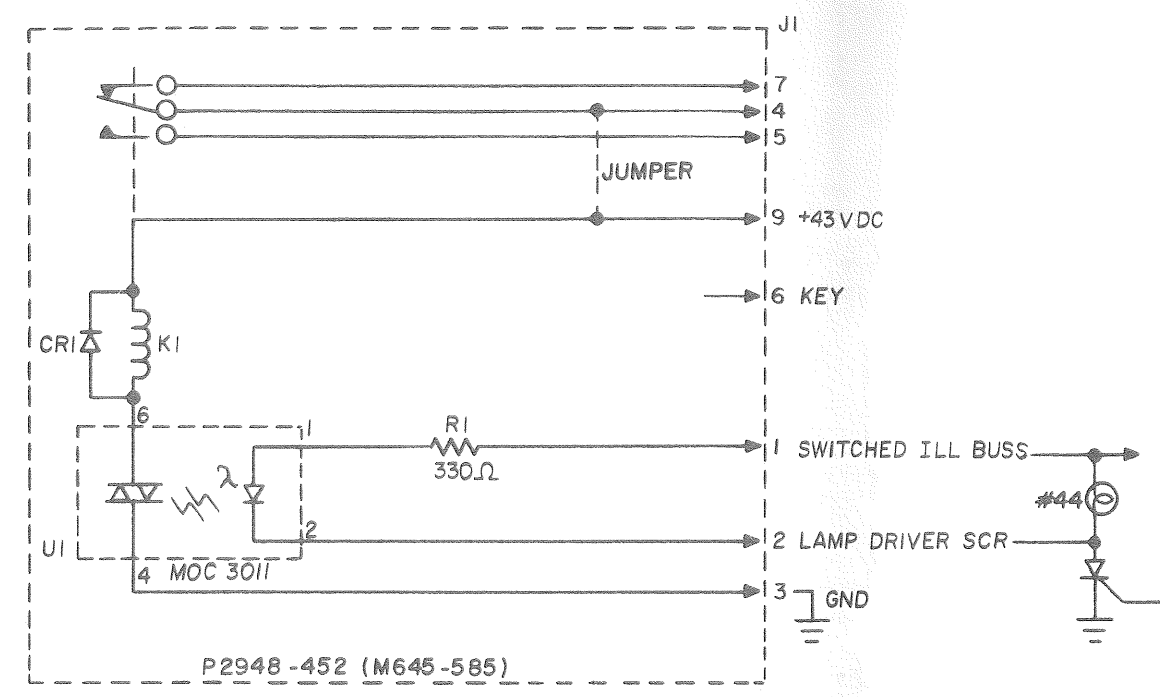




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REMOVE ALL BURRS		DR. BY FFC DATE 6-18-80	Bally MANUFACTURING CORP. #1210 2640 BELMONT AVENUE CHICAGO, ILLINOIS	
TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED		CK. BY DATE 6-17-80	PRINT CONTROL	FT. PER M.
FRACTIONS $\pm .008$		AP'D BY DATE 6-15-80	DIE SIZE	LBS. PER M.
DECIMALS $\pm .003$		FINISH	NAME 7 DIGIT DISPLAY BOARD SCHEMATIC "A1"	
EXCEPT HOLE DIA'S		HARDENING	ASSEM. NO. USED AS-2518-58	
ANGLES $\pm 1/2^\circ$			PART NO. W-1184-2c	
DO NOT SCALE DRAWING			CODE	

PART NO.
W-1251 b

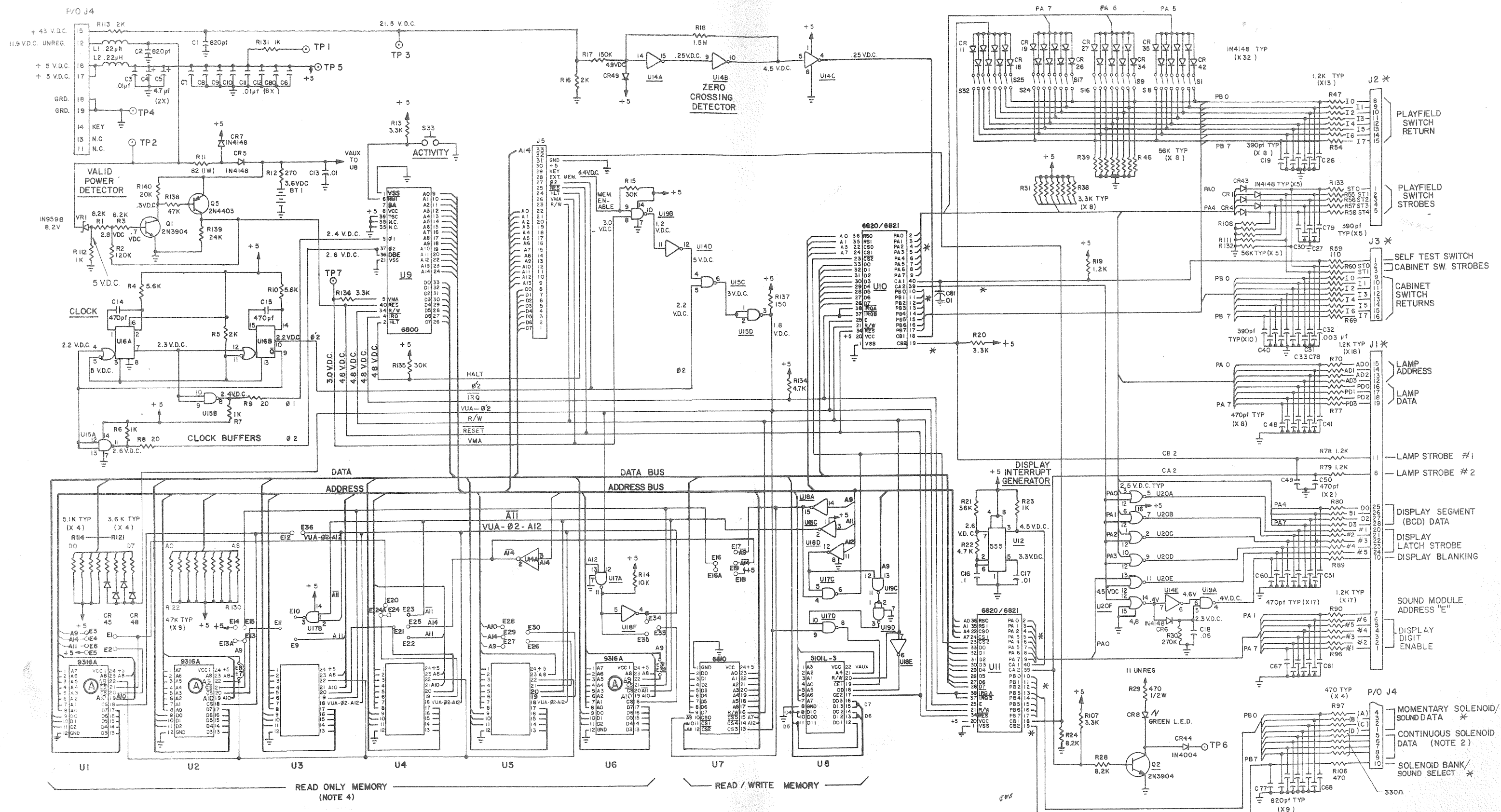


ALL DESIGN, OPERATIVE AND PROCESS DATA PERTAINING TO THE ARTICLE SHOWN ON THIS SHEET IS THE PROPERTY OF BALLY MFG. CORP. CHICAGO, ILL. THIS INFORMATION IS DISCLOSED IN CONFIDENCE AND IS NOT TO BE COPIED, REPRODUCED, REVEALED TO OR APPROPRIATED BY OTHERS. IN PART OR IN WHOLE, WITHOUT THE EXPRESS CONSENT OF THE OWNERS. THE PRINT IS LOANED AND MUST NOT BE USED IN ANY MANNER DETRIMENTAL TO THE INTEREST OF THE OWNERS, AND MUST BE RETURNED ON DEMAND.

REMOVE ALL BURRS				DR. BY FFC	DATE 1-21-81	Bally MANUFACTURING CORP. 2640 BELMONT AVENUE CHICAGO, ILLINOIS		# 1220
TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED FRACTIONS ± .008 DECIMALS ± .003 EXCEPT HOLE DIA.'S ANGLES ± 1/2°				CK. BY	DATE	PRINT CONTROL	DIE SIZE.	C.C.
DO NOT SCALE DRAWING				AP'D BY JEM	DATE 1-23-81	NAME	ASSEM. NO. USED	
				FINISH: X		SOLENOID EXPANDER (SCHEMATIC)	SCALE X	
				HARDENING: X		MATERIAL	PART NO.	
						CODE	W-1251 b	

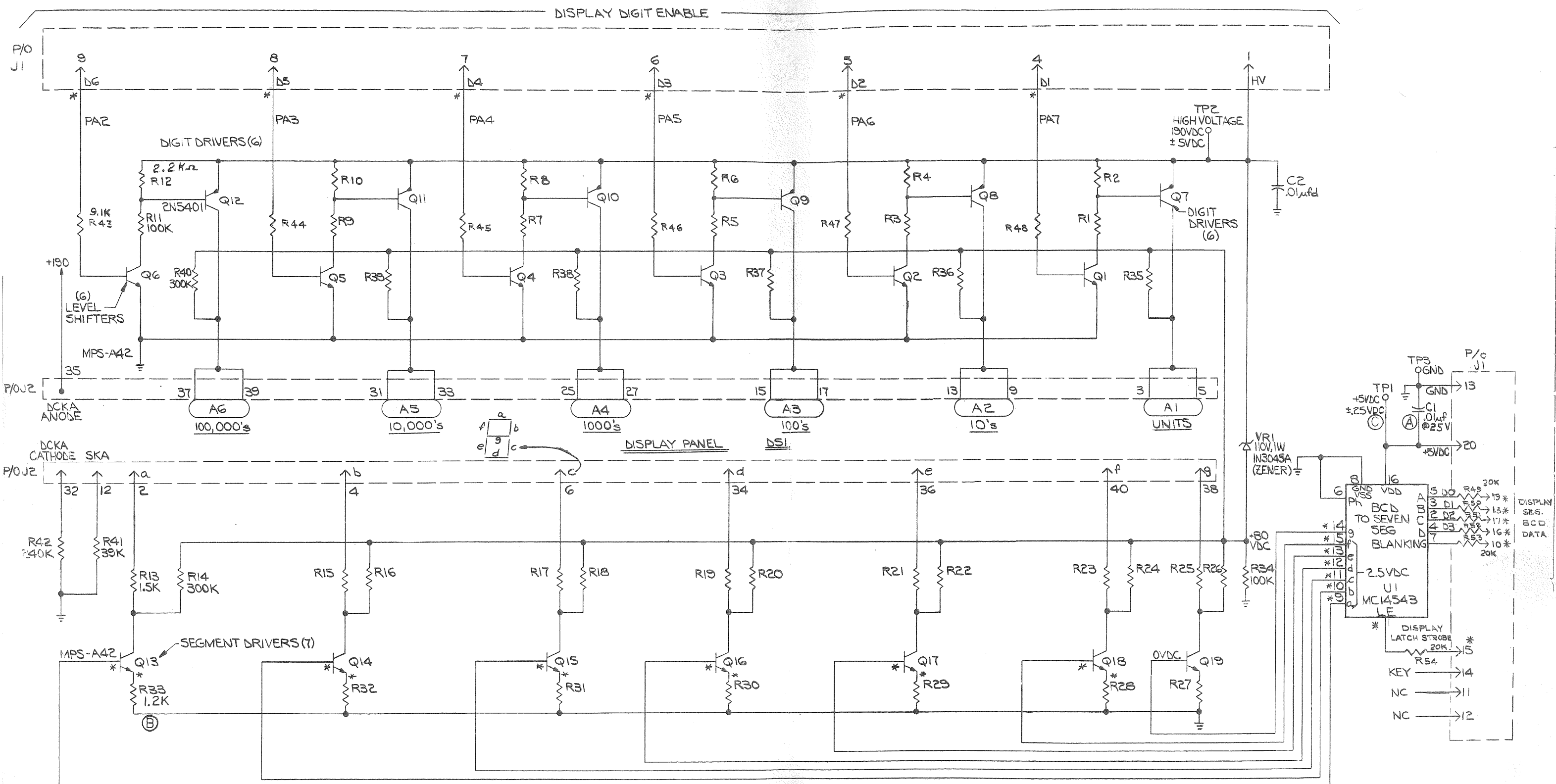
OPER.	DEPT.	DESCRIPTION	TOOL NO.
-------	-------	-------------	----------

NO.	LET.	CHANGE	DATE	BY
-----	------	--------	------	----



- NOTES**
- * INDICATES "AID" TEST POINT.
 - REMOVE A3J4 BEFORE USING AS AID TEST POINT
 - PREFIX ALL REFERENCE DESIGNATIONS WITH "A4"
 - EXACT CHIP COMPLEMENT USED IN SOCKETS U1 THRU U6 CAN VARY FOR DIFFERENT GAMES AND PRODUCTION LOTS. TABLES OF MEMORY CHIPS AND CORRESPONDING JUMPERS FOR DIFFERENT GAMES AVAILABLE FROM BALLY FIELD SERVICE DEPARTMENT.

DR. BY				DATE				REMOVED ALL BURRS				TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED				FRACTIONS: 1/64				DECIMALS: .005				ANGLES: 1°				DO NOT SCALE DRAWING			
I				A				A3 WAS VCC2 ON U1, U2, U3, U4, U5, U6				11-76				S.T.															
No.				LET.				CHANGE				DATE				BY				CR.											
Bally Manufacturing Corp. 2640 BELMONT AVENUE CHICAGO, ILLINOIS 60618												1119-E																			
M.P.U. CONTROL BOARD SCHEMATIC												PART NO. W-1181-3c																			



NOTES:

1. UNLESS OTHERWISE SPECIFIED ALL RESISTORS ARE $\pm 5\%$, $1/4W$.
2. PREFIX ALL REFERENCE DESIG. WITH ASSEMBLY REFERENCE DESIG. "A1"
3. * INDICATES 'AID' TEST POINT.

DIE SIZE — C.C. — FT. PER M — LBS. PER M —

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REMOVE ALL BURRS		DR. BY: DG		DATE: 7/27/77	
TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED		CR. BY: EBM		DATE: 7/27/77	
FRACTIONS: 1/16"		APP'D BY: WJZ		DATE: 10/14/77	
DECIMALS: 0.001"		FINISH: 1/16"		DATE: 10/14/77	
ANGLES: 1/2°		HARDENING: 1/16"		DATE: 10/14/77	
DO NOT SCALE DRAWING		NAME: 6 DIGIT DISPLAY BOARD SCHEMATIC		ASSEMB. NO. USED ON: AS-2518-21	
		MATERIAL:		PART NO. W-1184-1c	