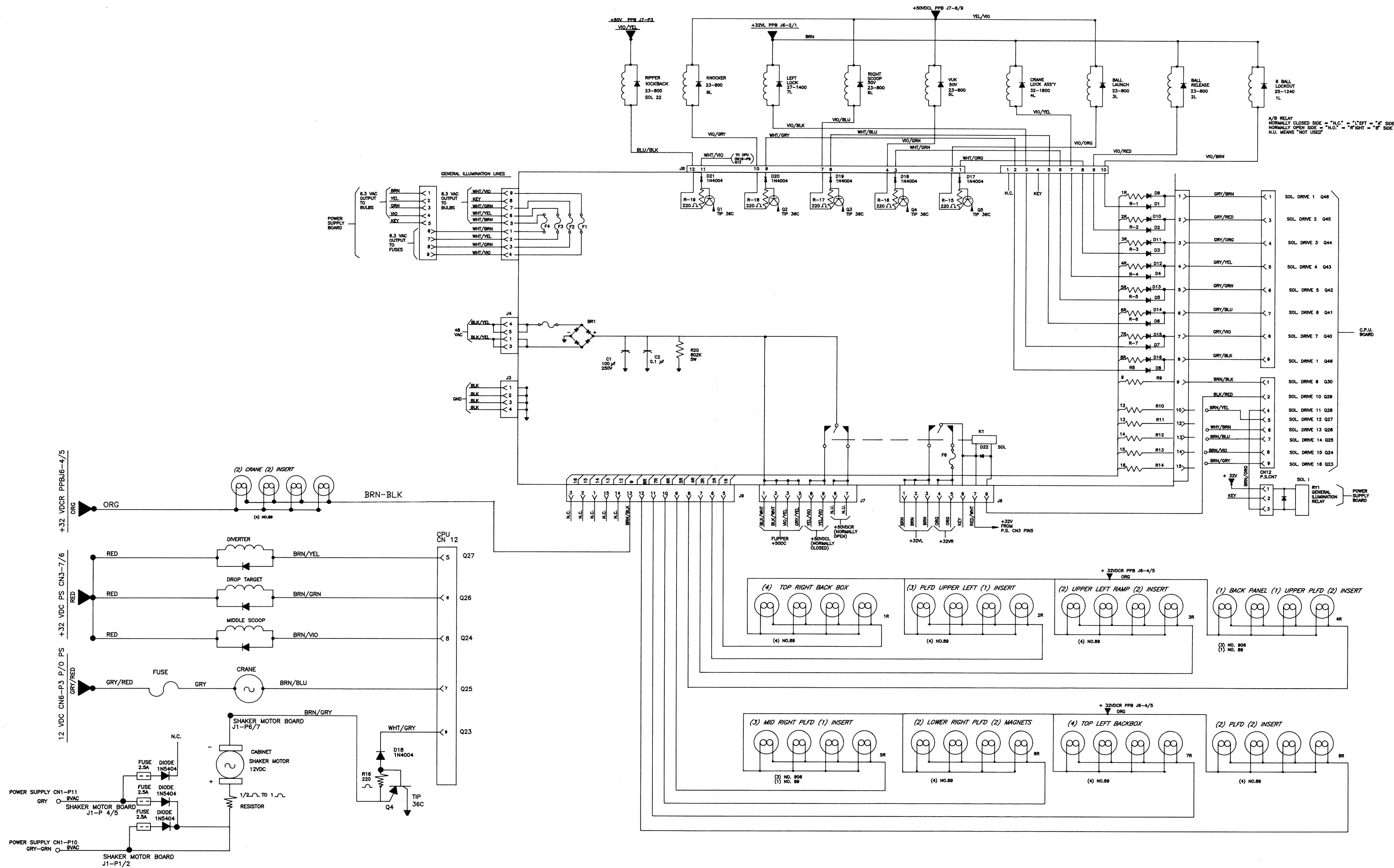
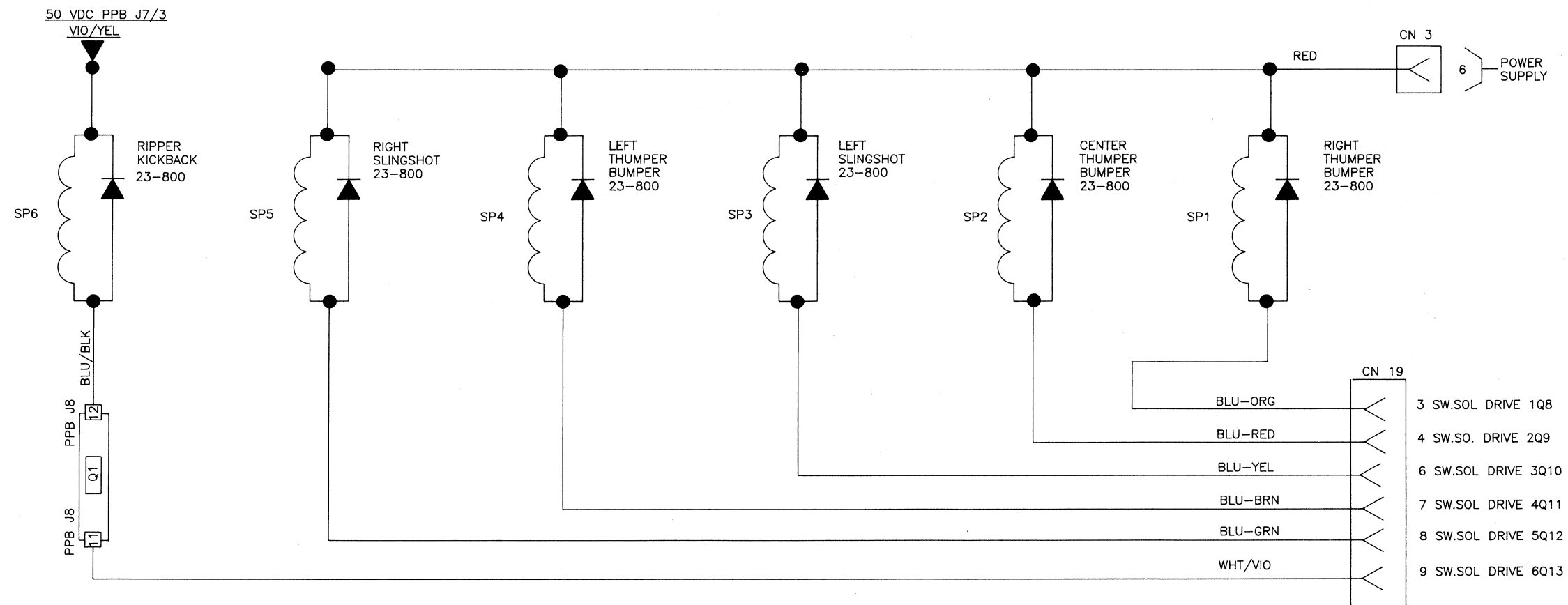






50 Playfield Coil/Flash Lamp Wiring Diagram



GRN - RED 2 SWITCH DRIVE 2
 GRN - ORG 3 SWITCH DRIVE 3
 GRN - YEL 4 SWITCH DRIVE 4
 GRN - BLK 5 SWITCH DRIVE 5
 GRN - BLU 7 SWITCH DRIVE 6
 GRN - VIO 8 SWITCH DRIVE 7
 GRN - GRY 9 SWITCH DRIVE 8

CN8

SW9 SW17 SW25 SW33 SW41 SW49 SW57
 SW10 SW18 SW26 SW34 SW42 SW50 SW58
 SW11 SW19 SW27 SW35 SW43 SW51 SW59
 SW12 SW20 SW28 SW36 SW44 SW52 SW60
 SW13 SW21 SW29 SW37 SW45 SW53 SW61
 SW14 SW22 SW30 SW38 SW46 SW54 SW62
 SW15 SW23 SW31 SW39 SW47 SW55 SW63
 SW16 SW24 SW32 SW40 SW48 SW56 SW64

WHT - BRN 9 SWITCH RETURN 1
 WHT - RED 8 SWITCH RETURN 2
 WHT - ORN 7 SWITCH RETURN 3
 WHT - YEL 6 SWITCH RETURN 4
 WHT - GRN 5 SWITCH RETURN 5
 WHT - BLU 3 SWITCH RETURN 6
 WHT - VIO 2 SWITCH RETURN 7
 WHT - GRY 1 SWITCH RETURN 8

CN10

CPU BOARD

**Lamp
Number Description**

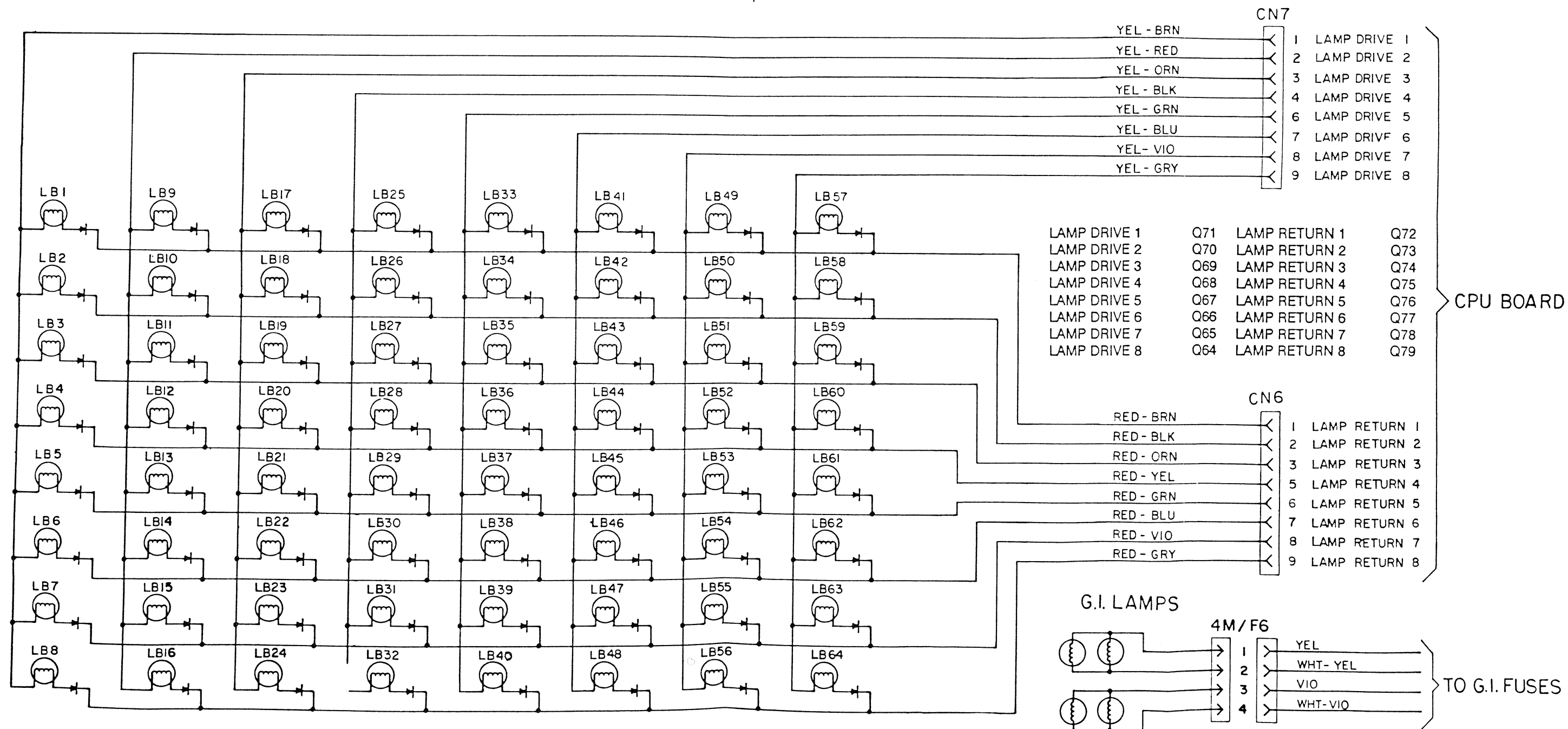
01 Find the Ripper
02 Grid:Last
03 Grid:Action
04 Grid:Hero
05 Grid:Super Crane
06 Left Turbo Bumper
07 Top Turbo Bumper
08 Right Turbo Bumper
09 Grid:Fast Scoring
10 Grid:Go to The Movies
11 Grid:Save Danny
12 Grid:Light Extra Ball
13 Grid:Cat Millions
14 Grid:To The Roof
15 Grid:Redeye
16 Grid:Big Mistake

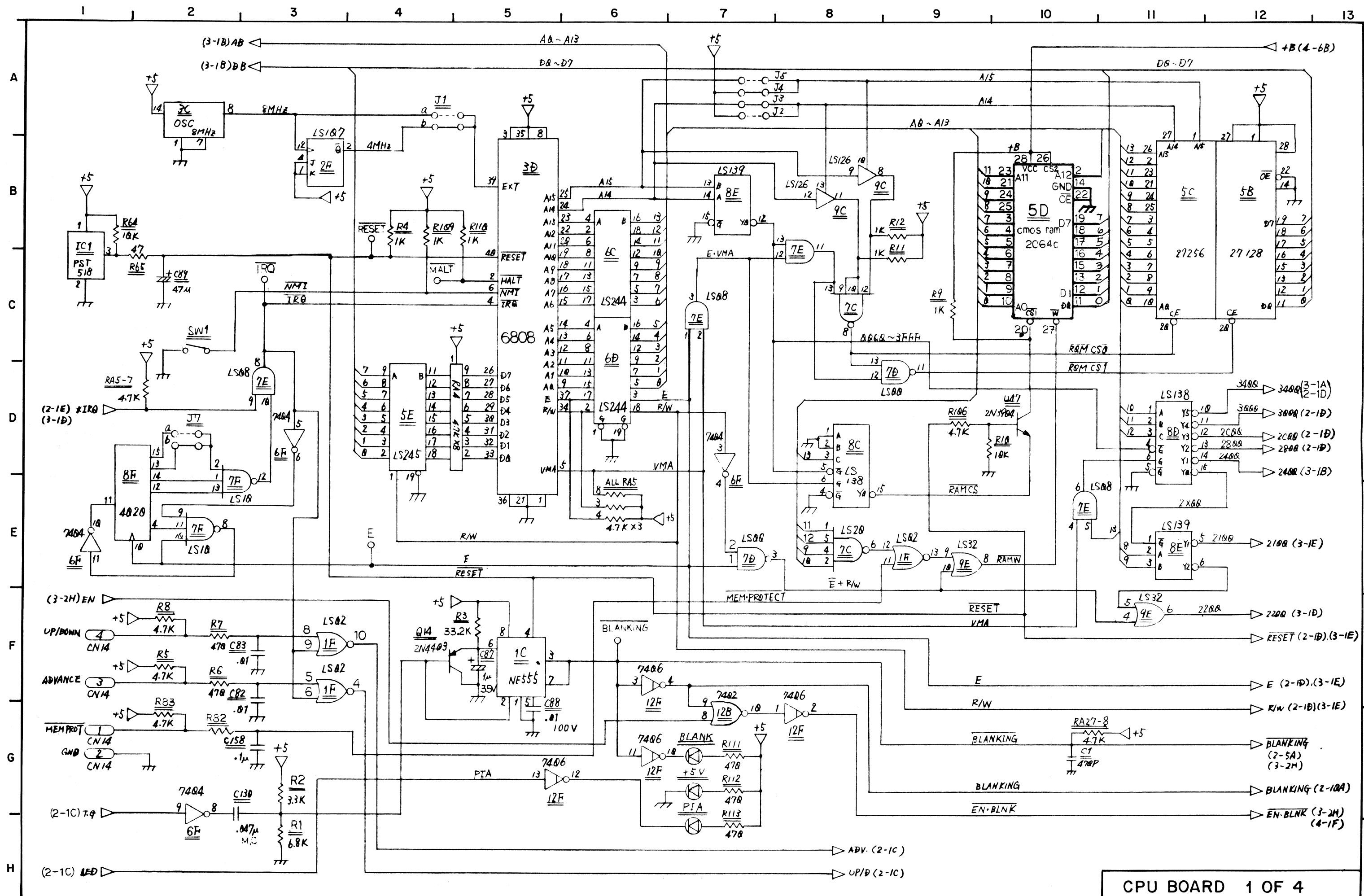
17 **C**
18 **R**
19 **A**
20 **N**
21 **E**
22 Animated Cat Target
23 Left Ramp
24 Wild Card
25 Benedict's EyeTop
26 Benedict's Eye Middle
27 Benedict's Eye Bottom
28 Top Rollover Left
29 Top Rollover Middle
30 Top Rollover Right
31 Left Captive Ball
32 Right Captive Ball

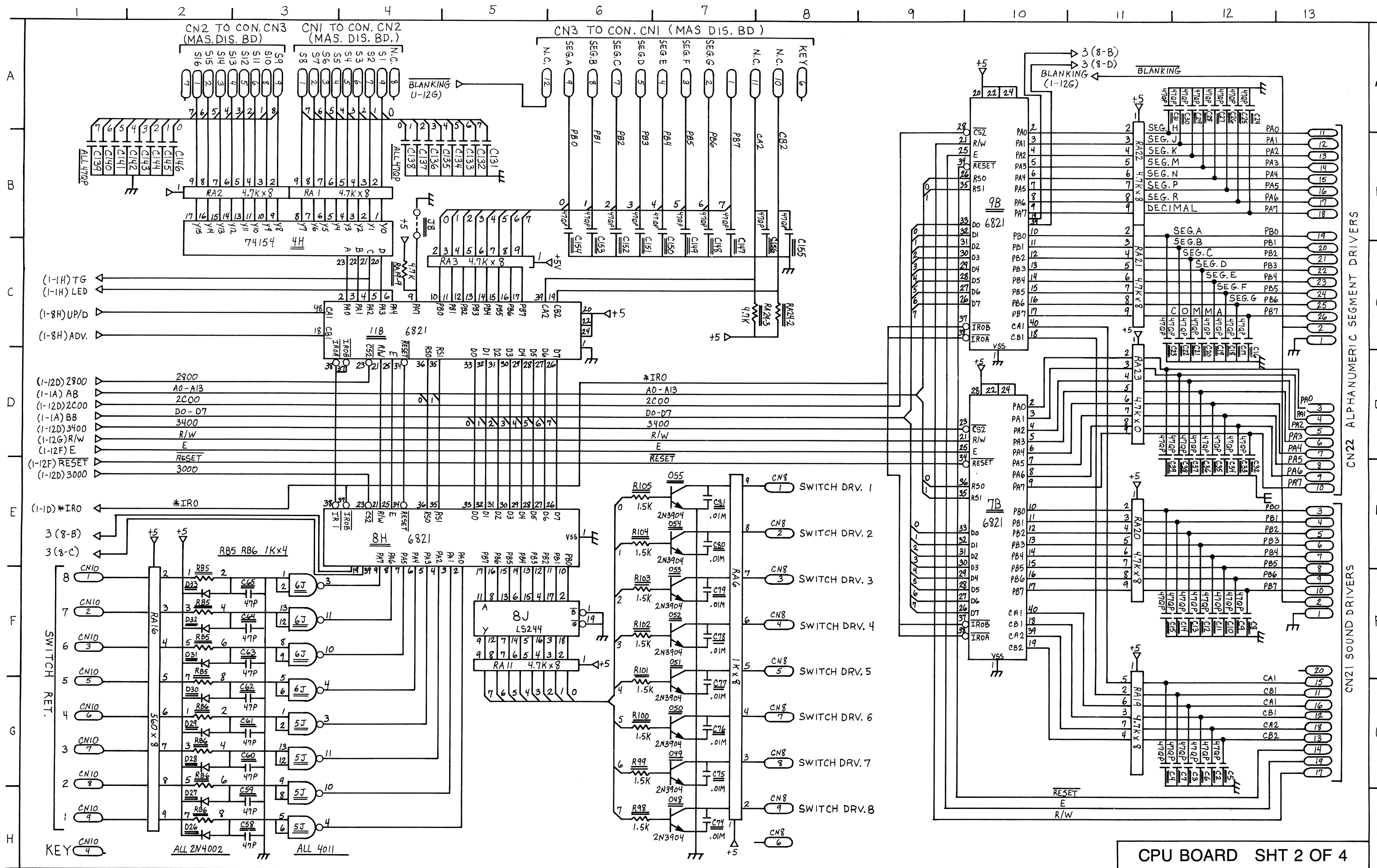
33 Shield Left
34 Shield Left Center
35 Shield Right Center
36 Shield Right
37 More Time
38 Extra Ball
39 M-Ball
40 Return Lanes (2 Bulbs)
41 Spinner
42 Chicken
43 Outlanes (2 Bulbs)
44 The Roof
45 Jackpot
46 Ripper
47 Save Danny
48 Right Scoop

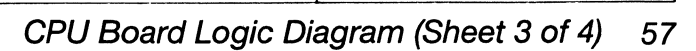
49 Shoot Again
50 Lock Bottom (Right)
51 Lock Top (Left)
52 Middle Scoop
53 Middle Scoop
54 Middle Scoop
55 Shoot the Crane
56 Middle Scoop
57 Smart Missile
58 **R**
59 **I**
60 **P**
61 **P**
62 **E**
63 **R**
64 Credit Button

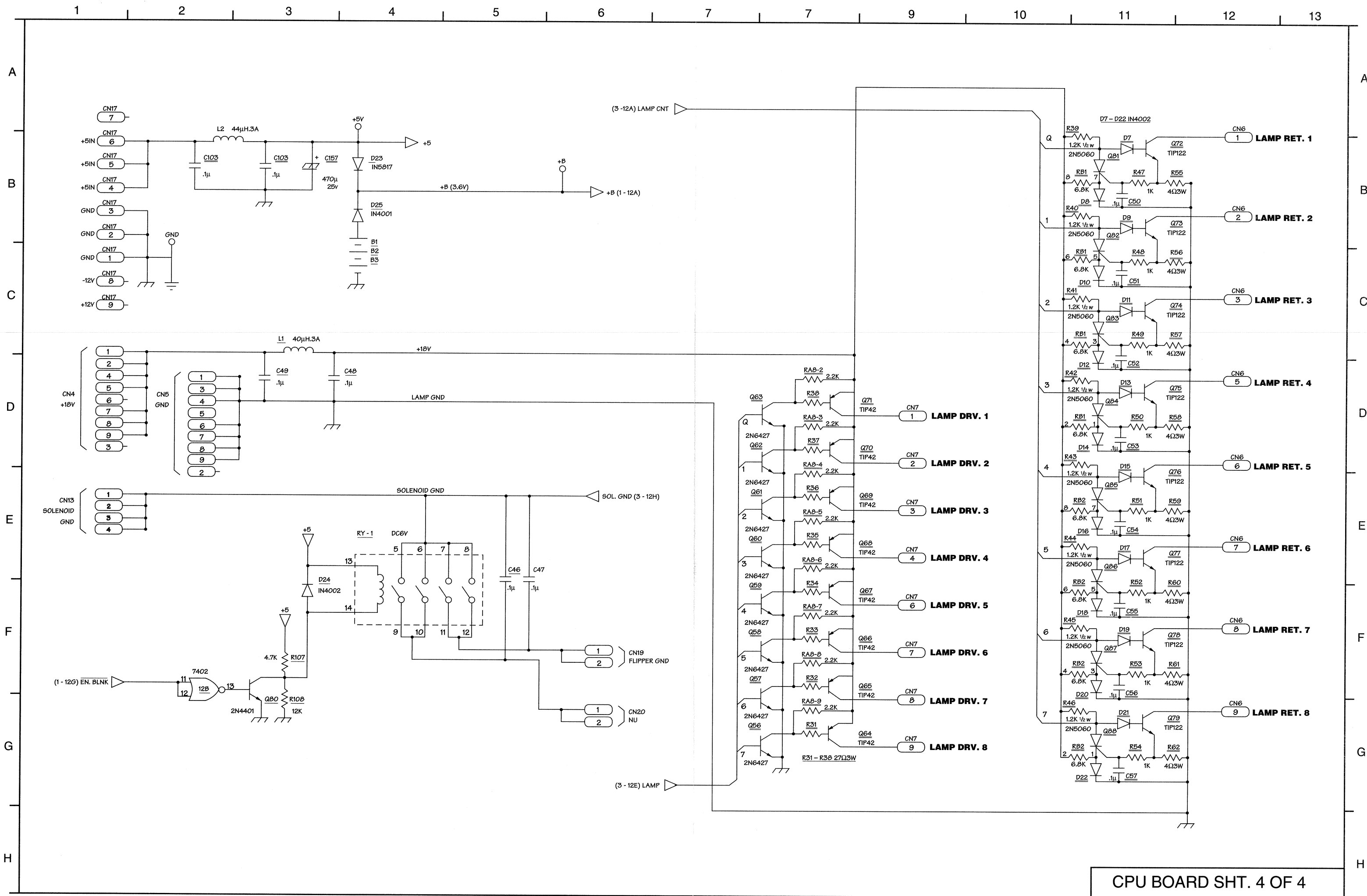
*Indicates Speaker or Backbox Lamp

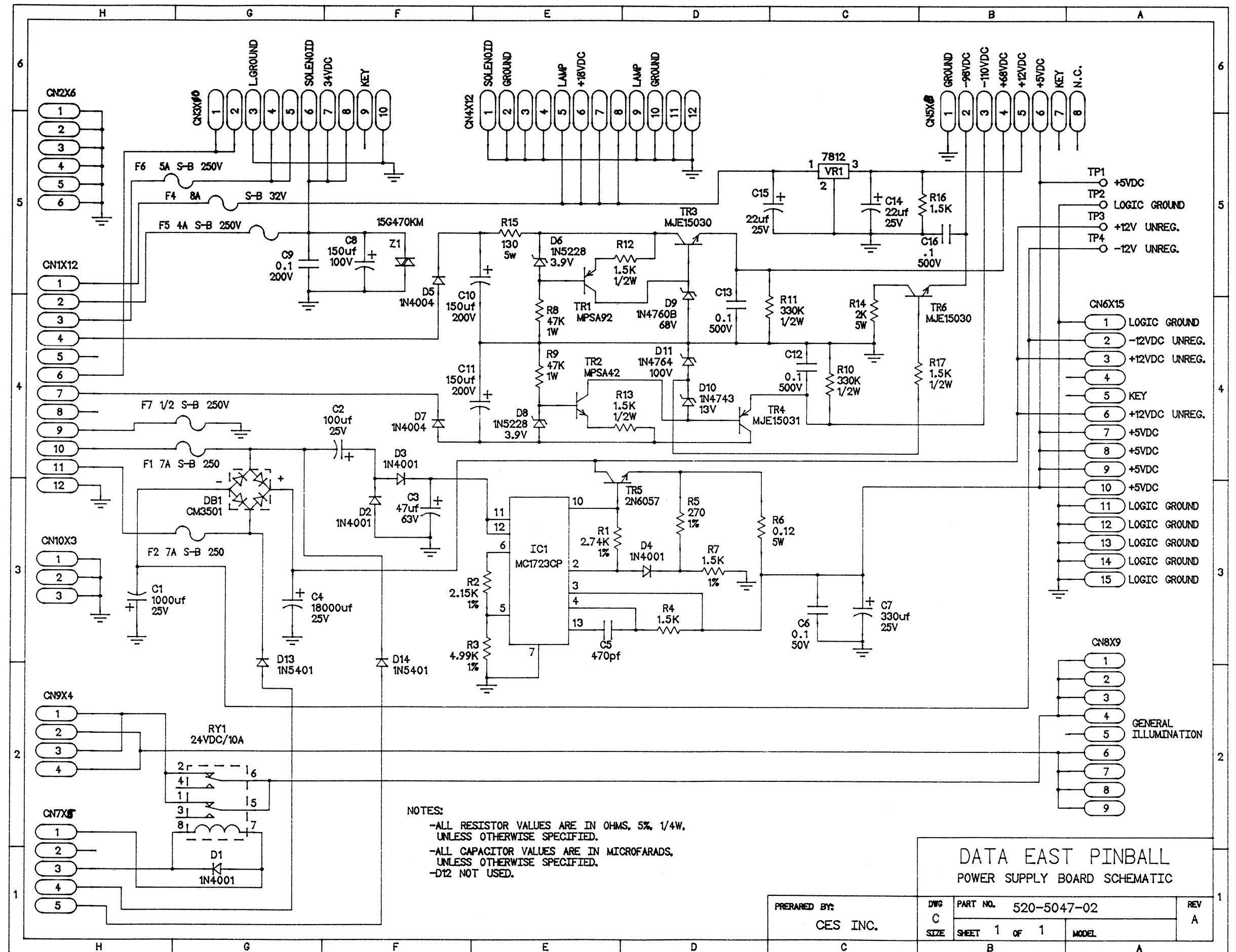




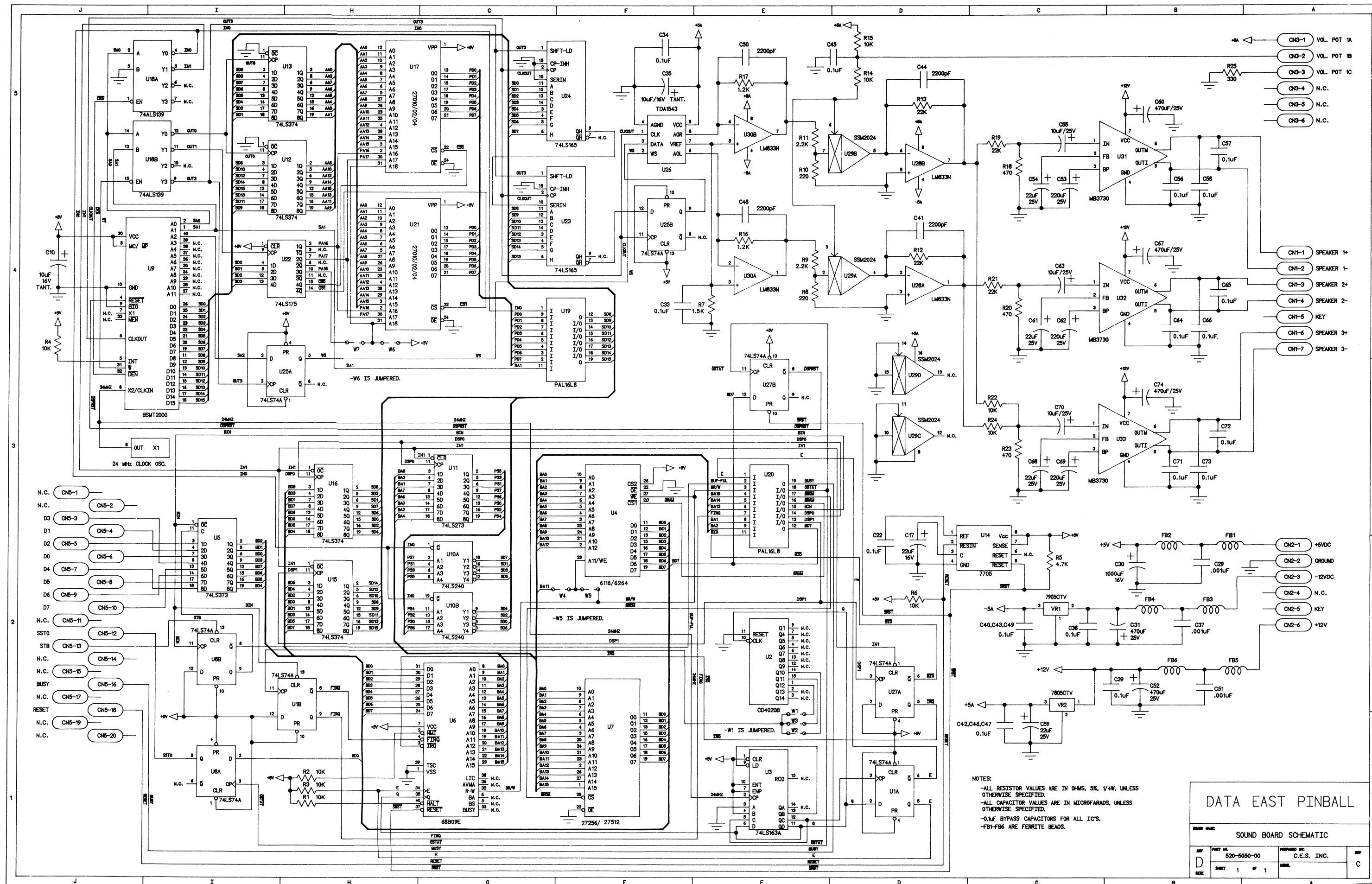


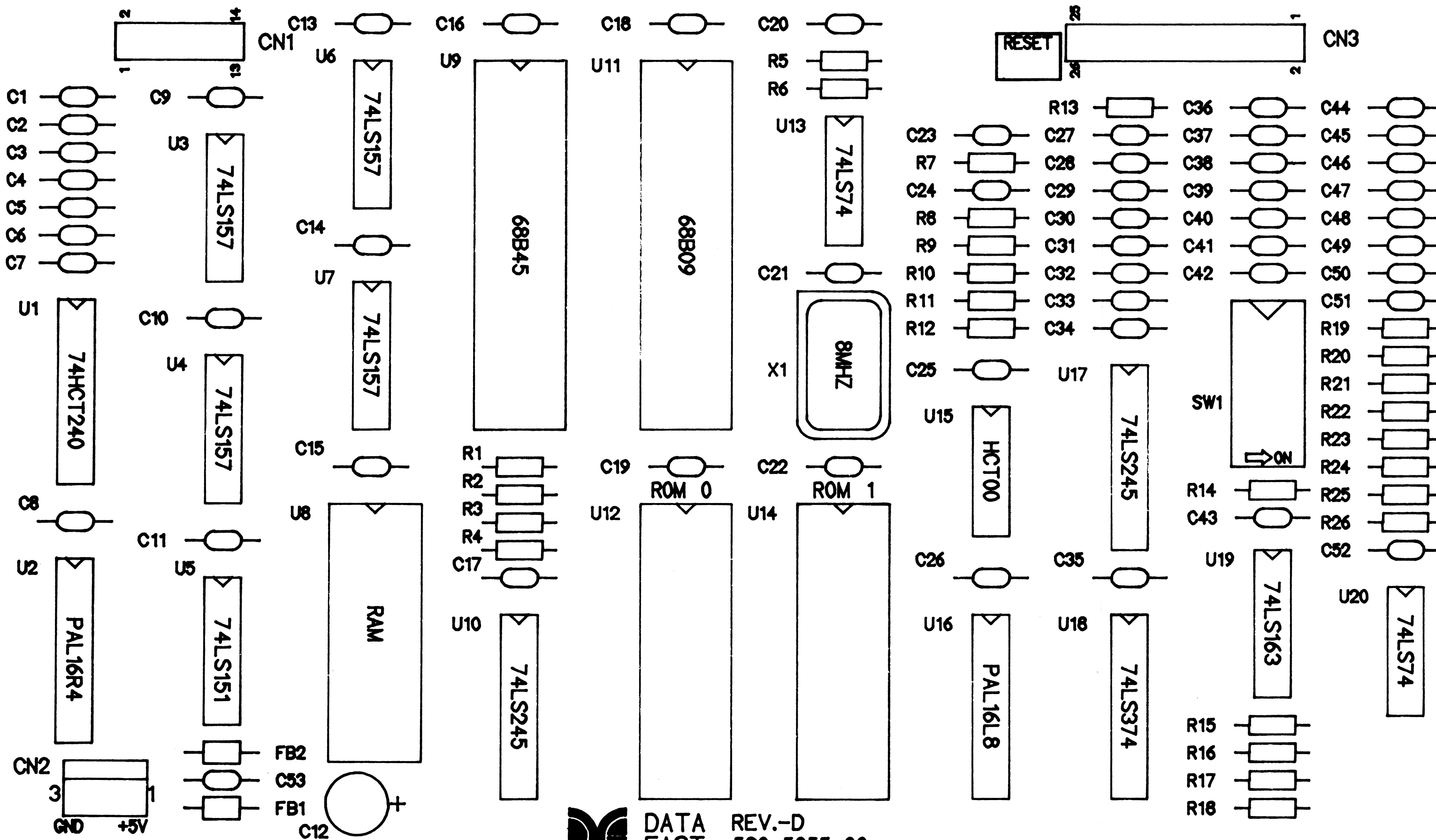








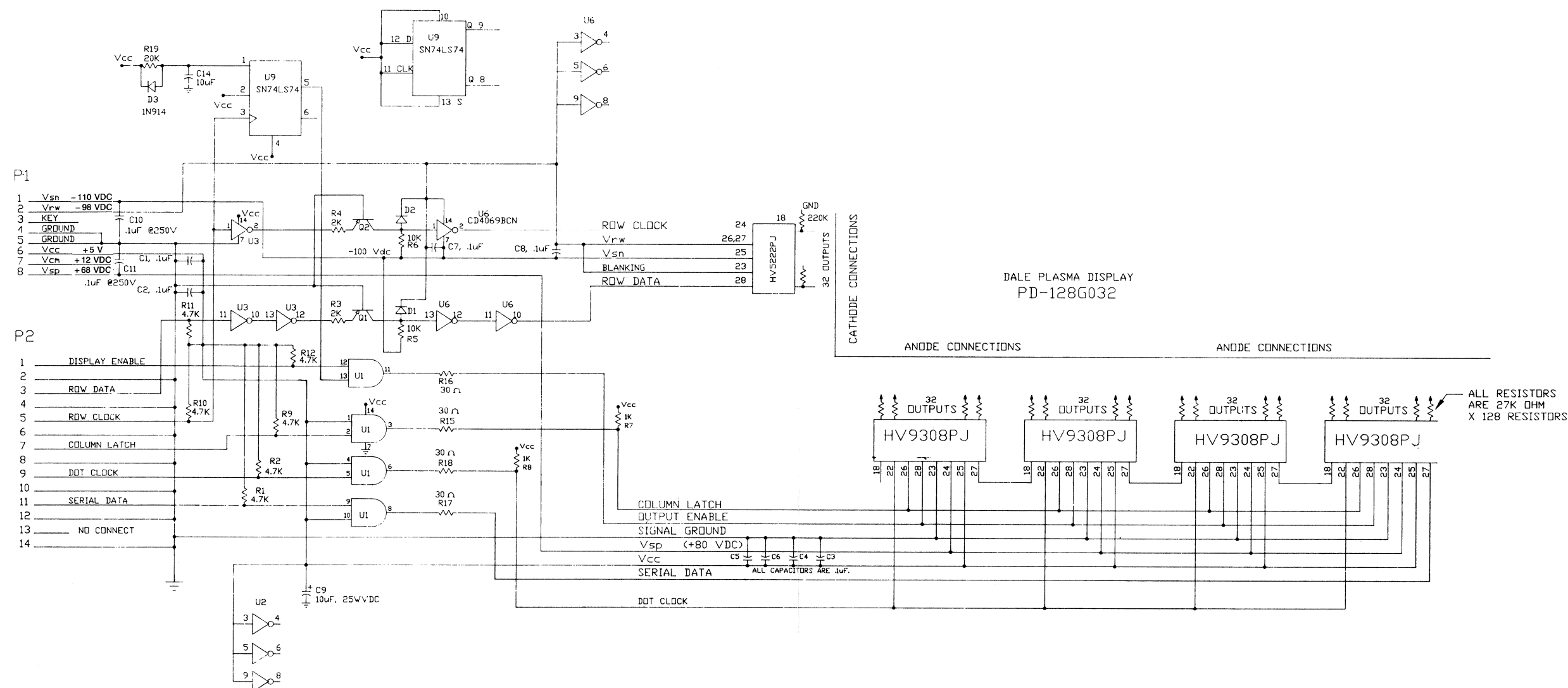




DATA
EAST

REV.-D
520-5055-00

REVISIONS				
ZONE	SYM	DESCRIPTION	DATE	APPROVE



281103

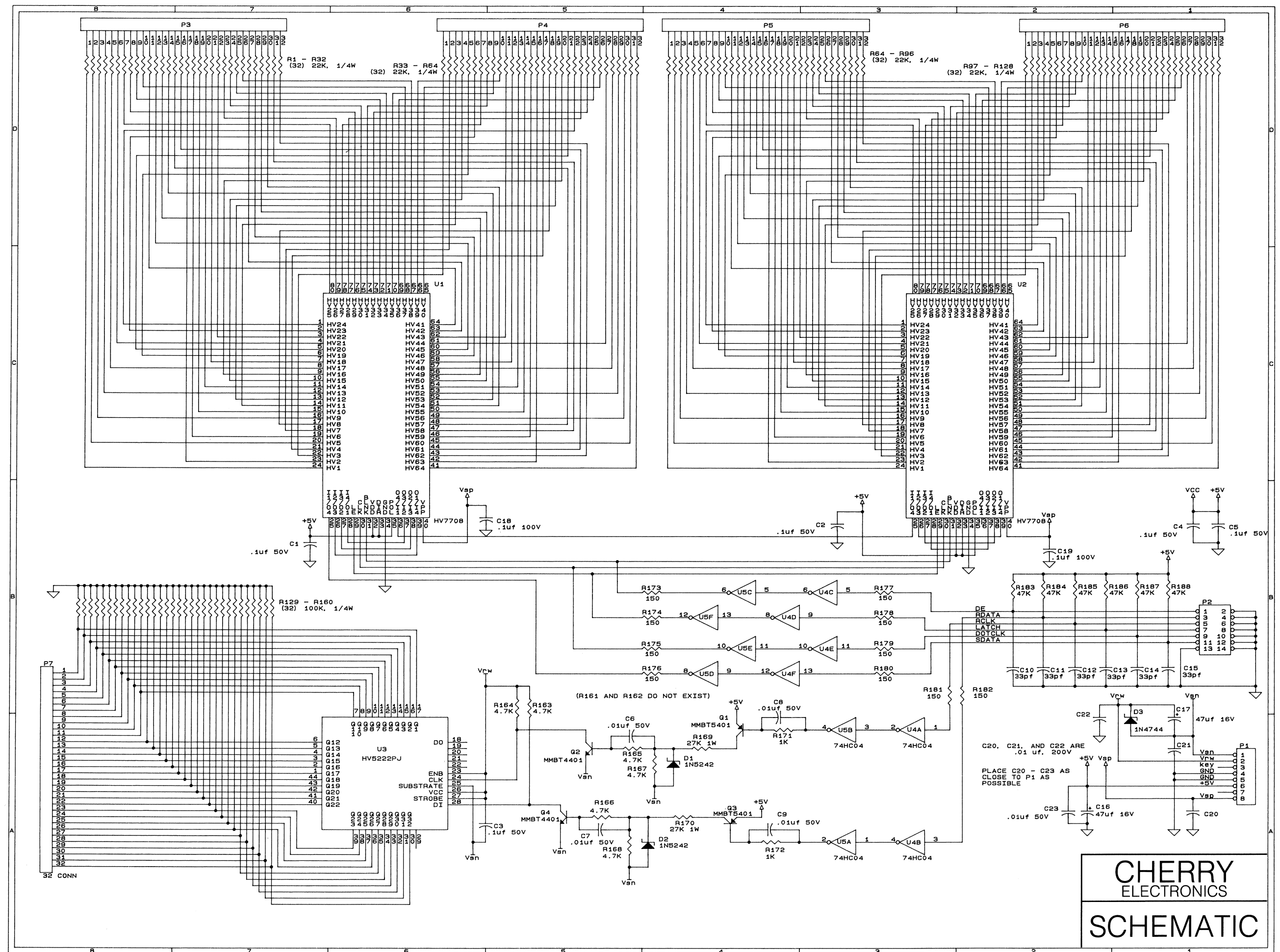
CLASS 2

DALE ELECTRONICS, INC.
A COMPANY OF VISHAY
COLUMBUS, NEBRASKA

TITLE	ELECTRICAL SCHEMATIC
	APD-128G032

SIZE	CODE IDENT NO.	DRAWING NO.
D	91637	281103

SCALE NONE		SHEET 1 OF 1
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D

C

B

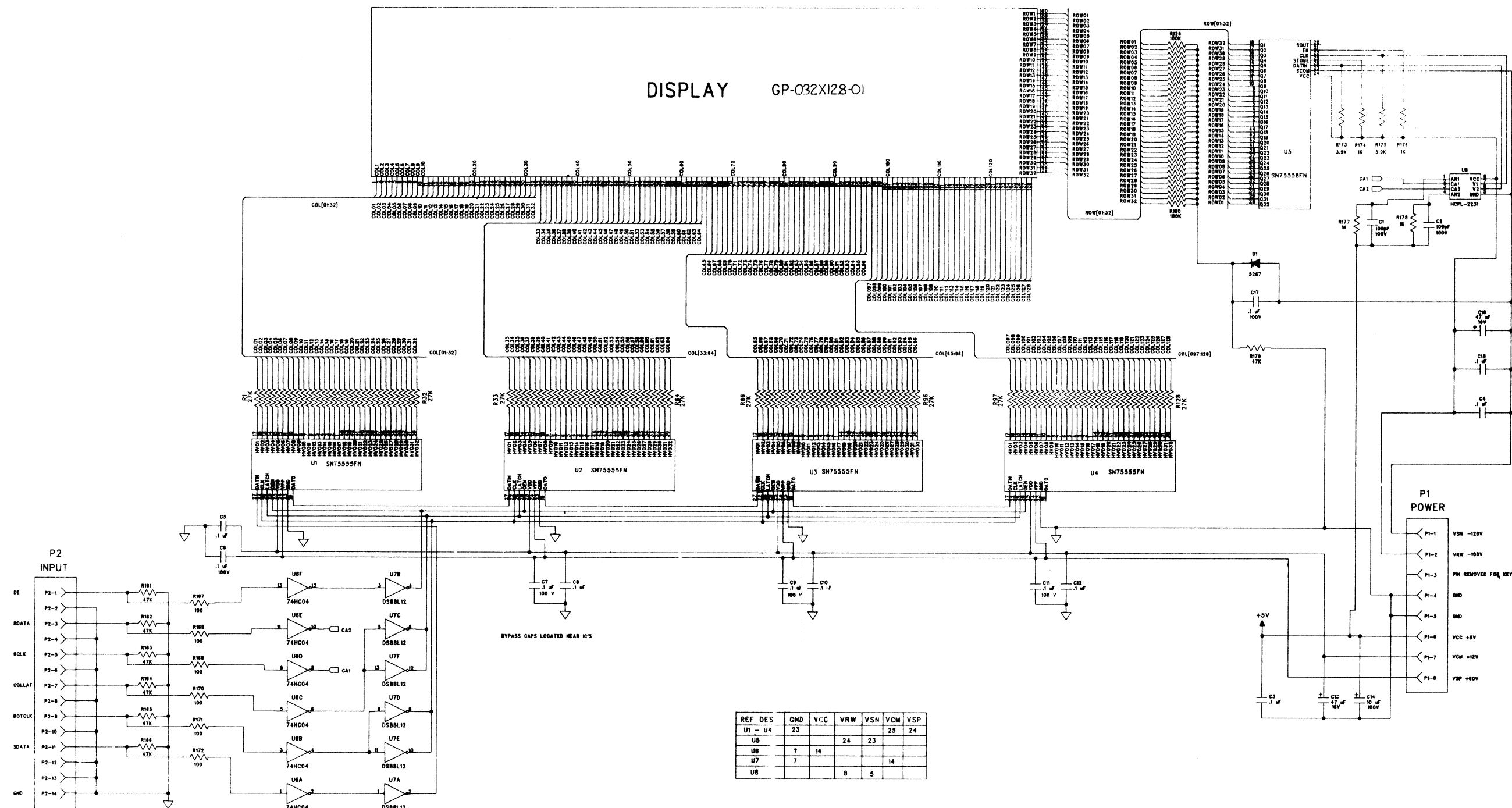
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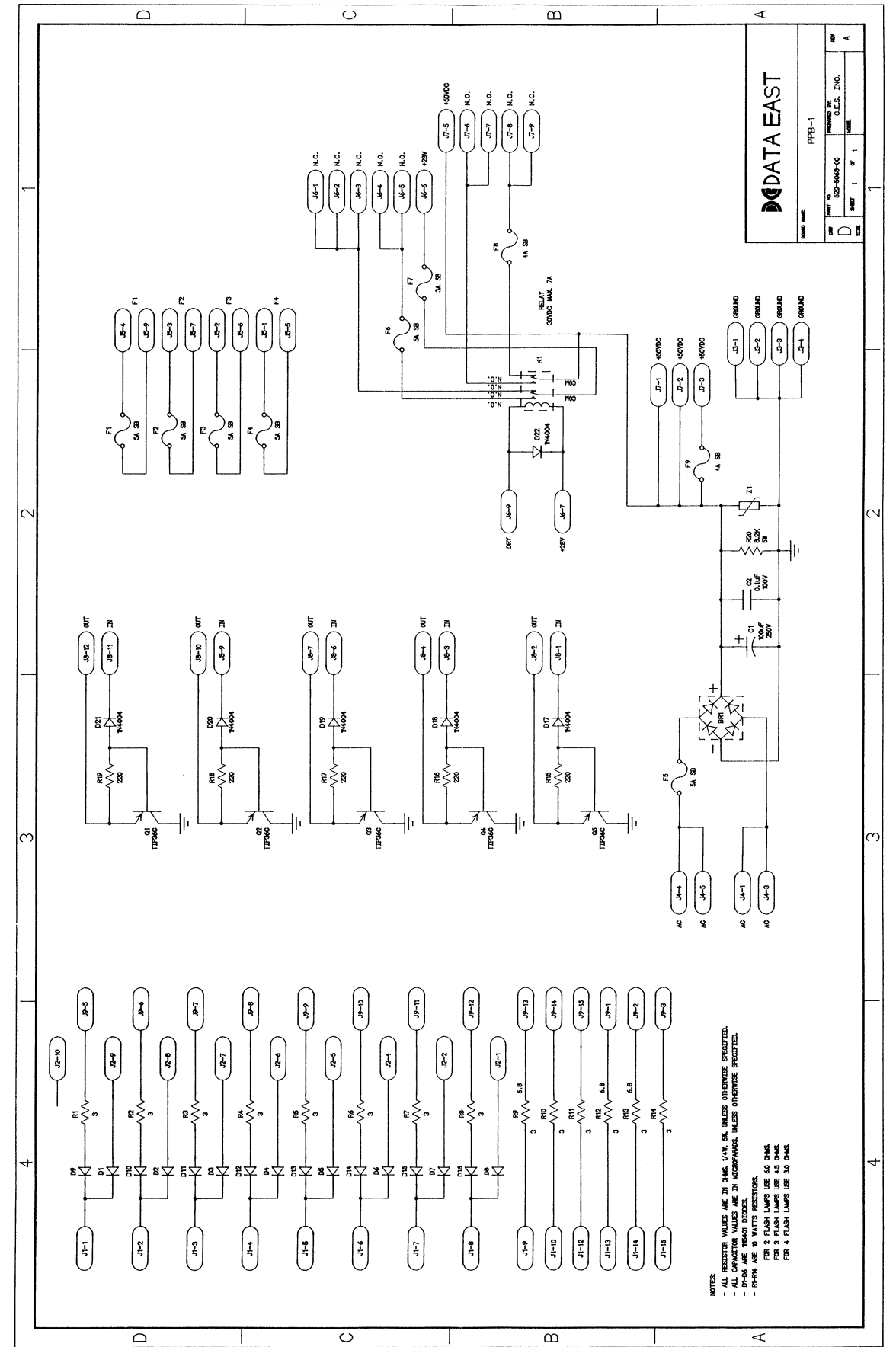
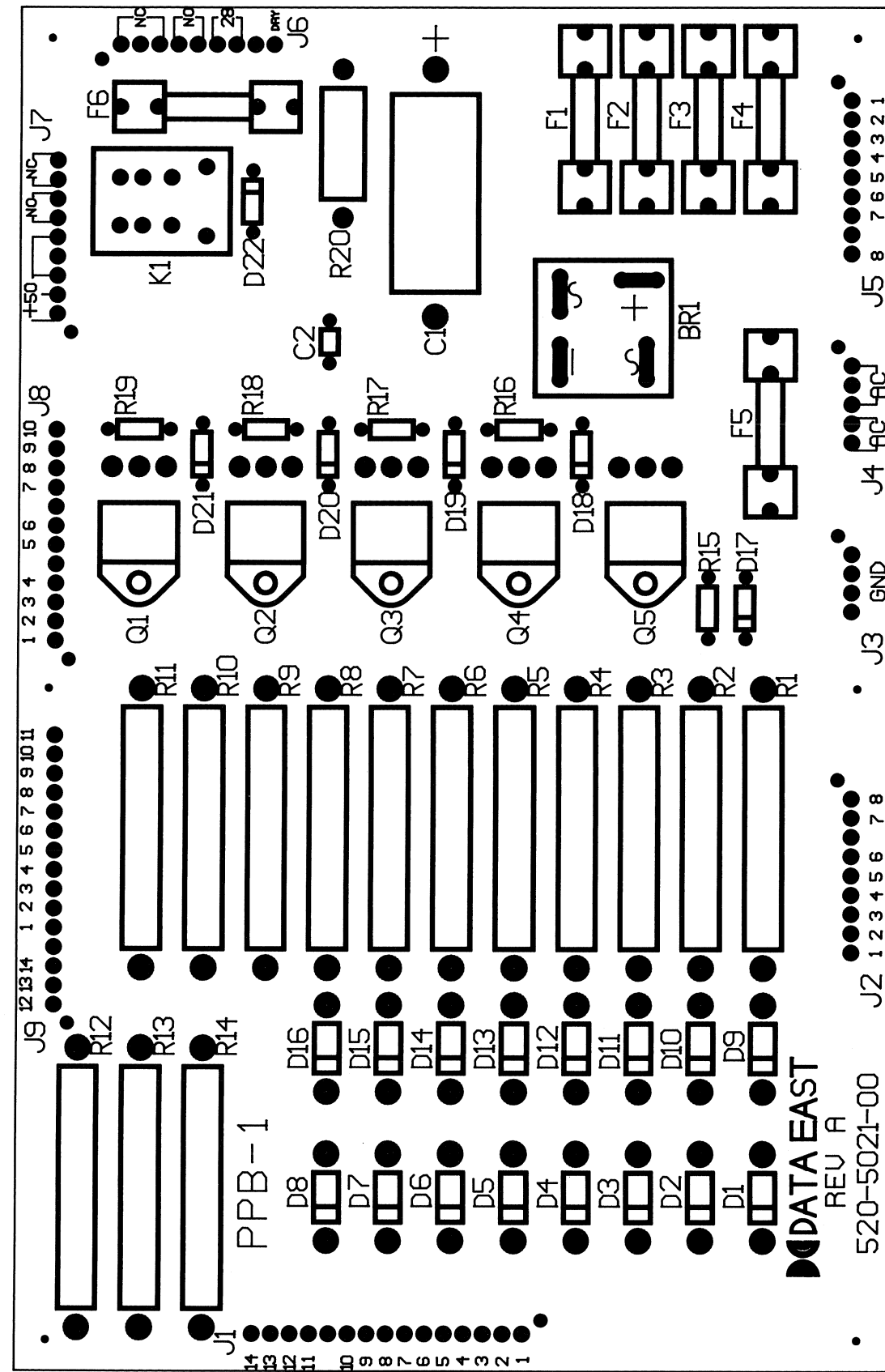
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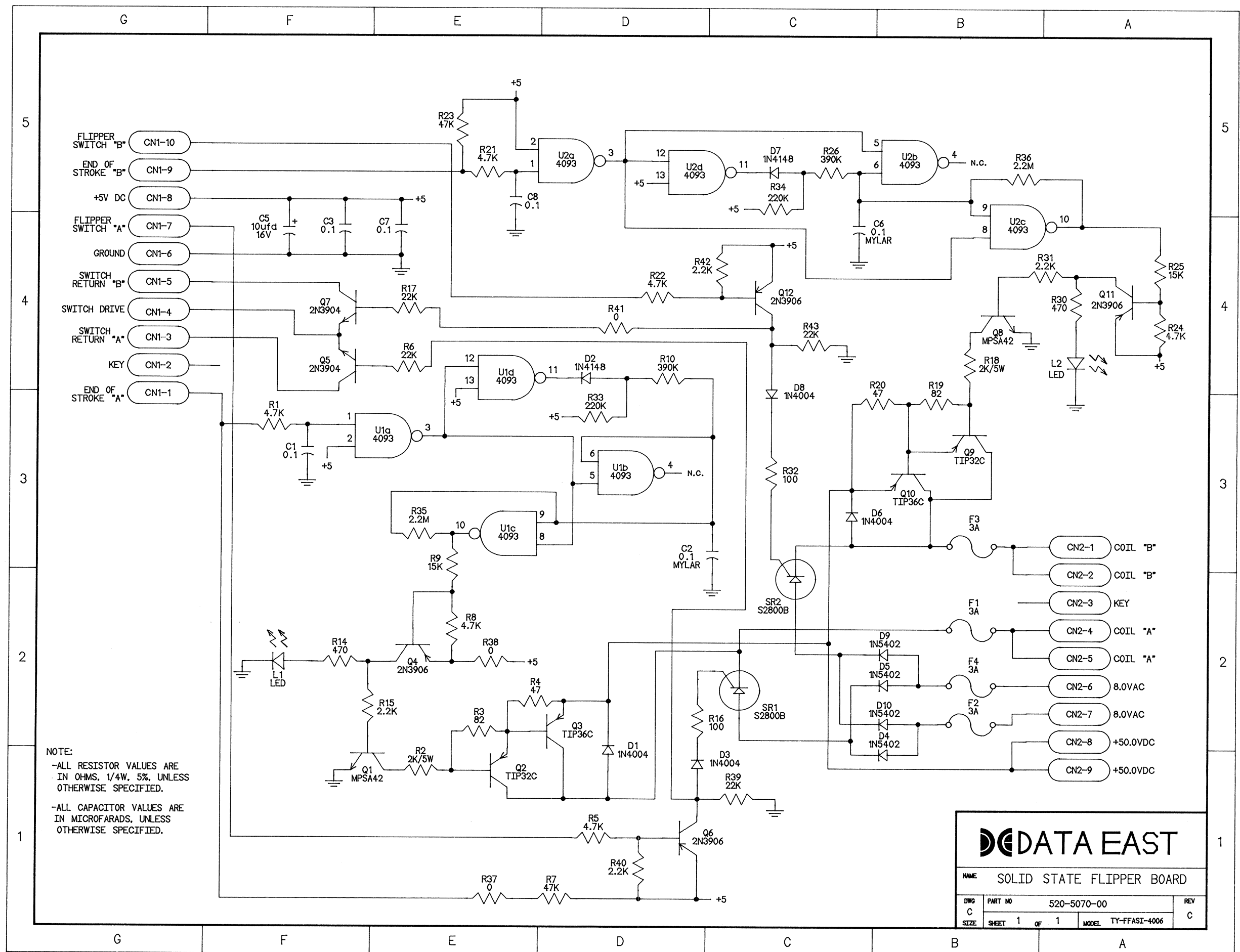
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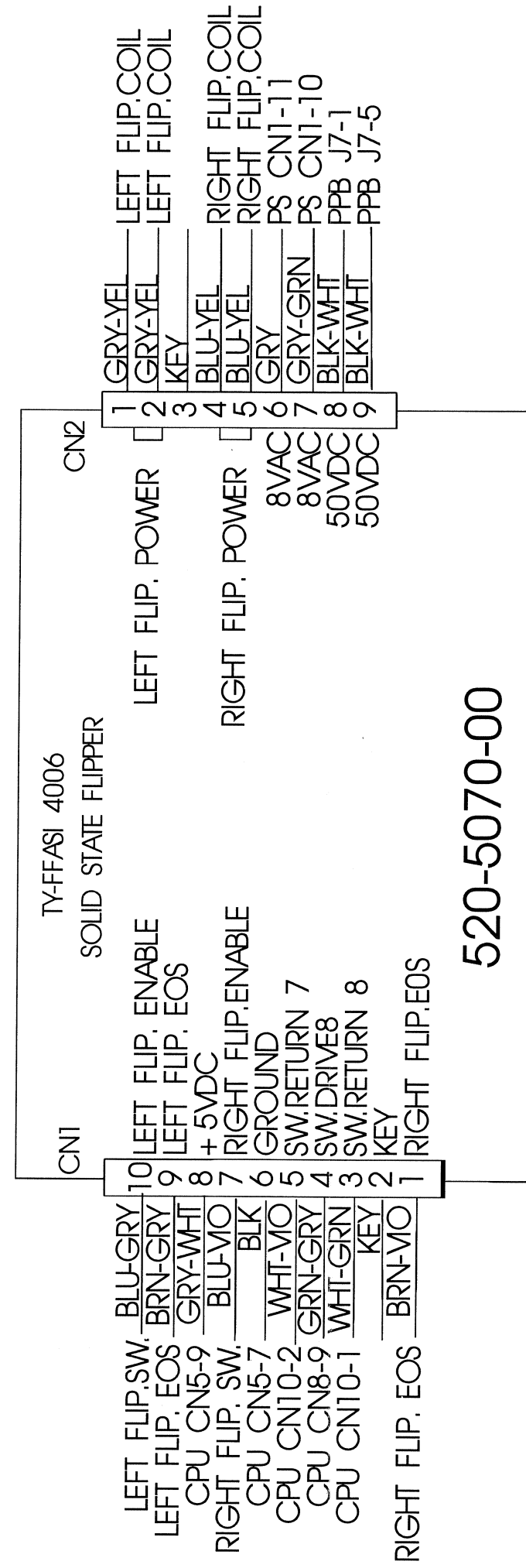
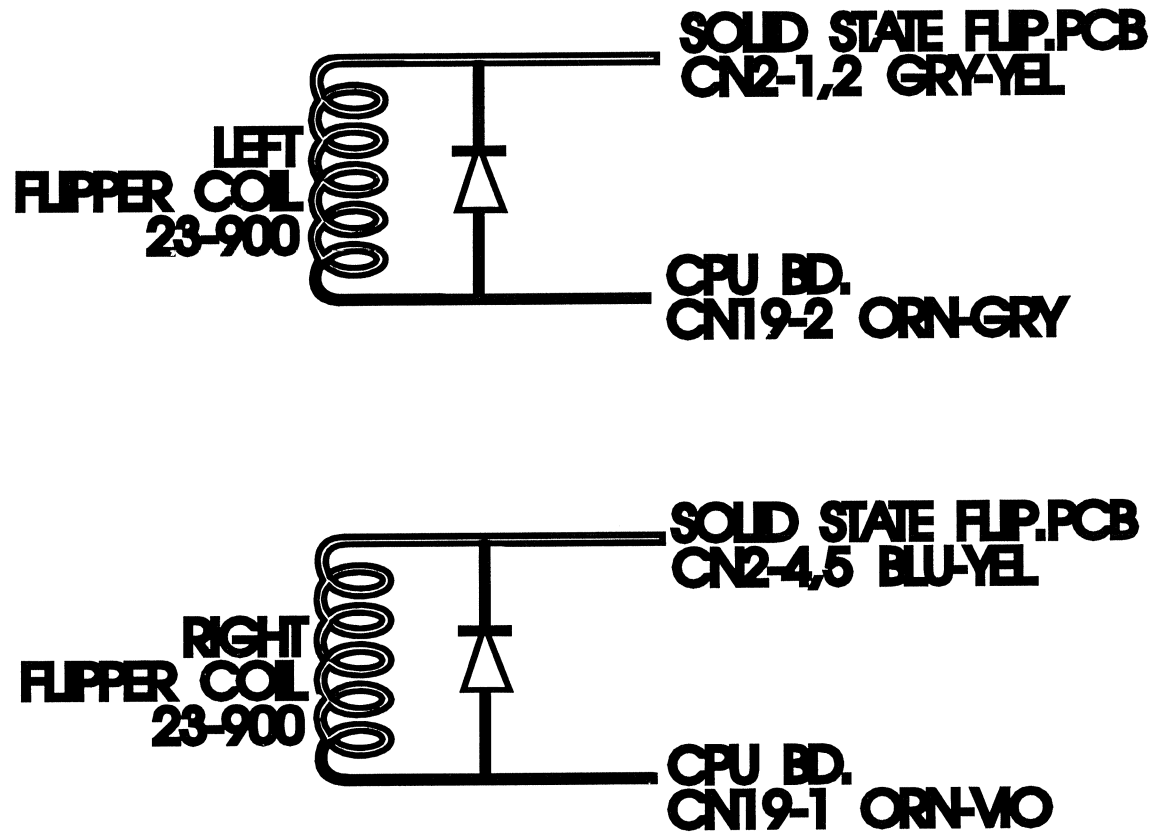
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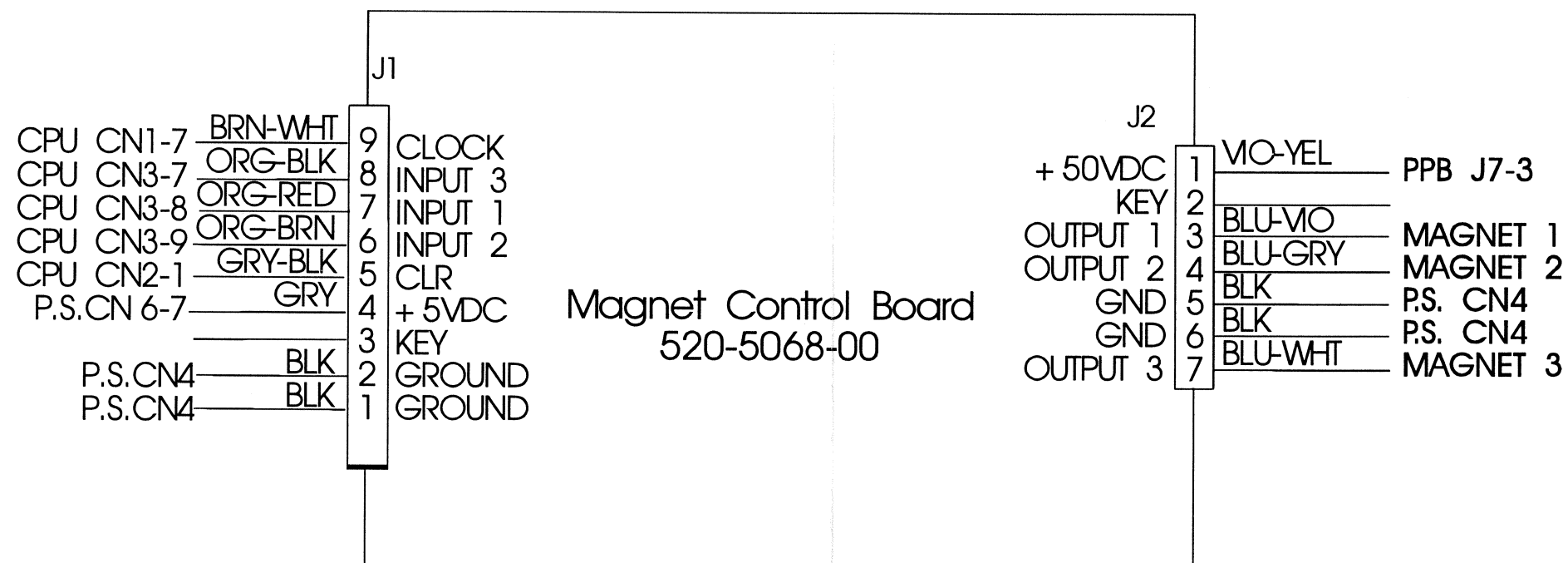
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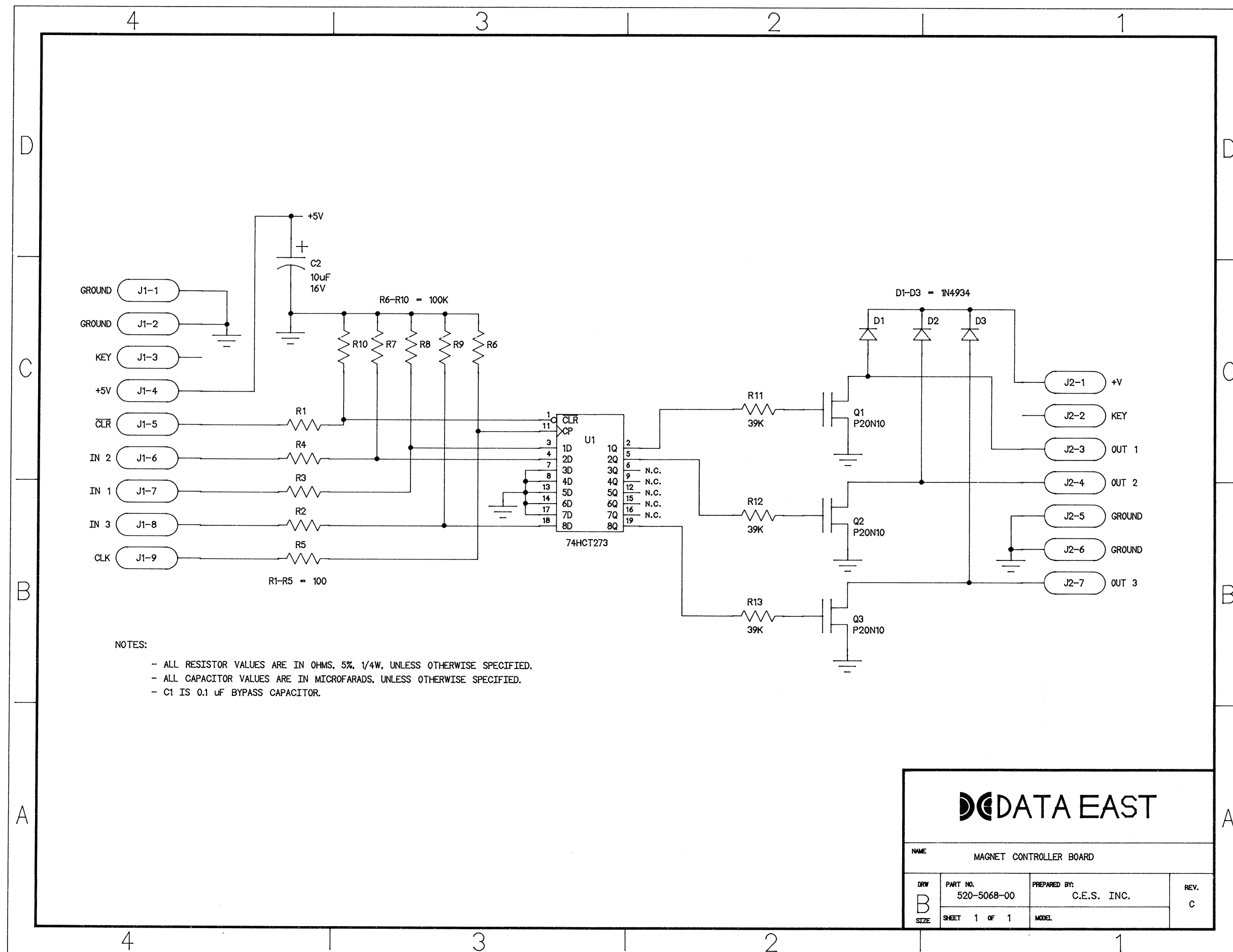


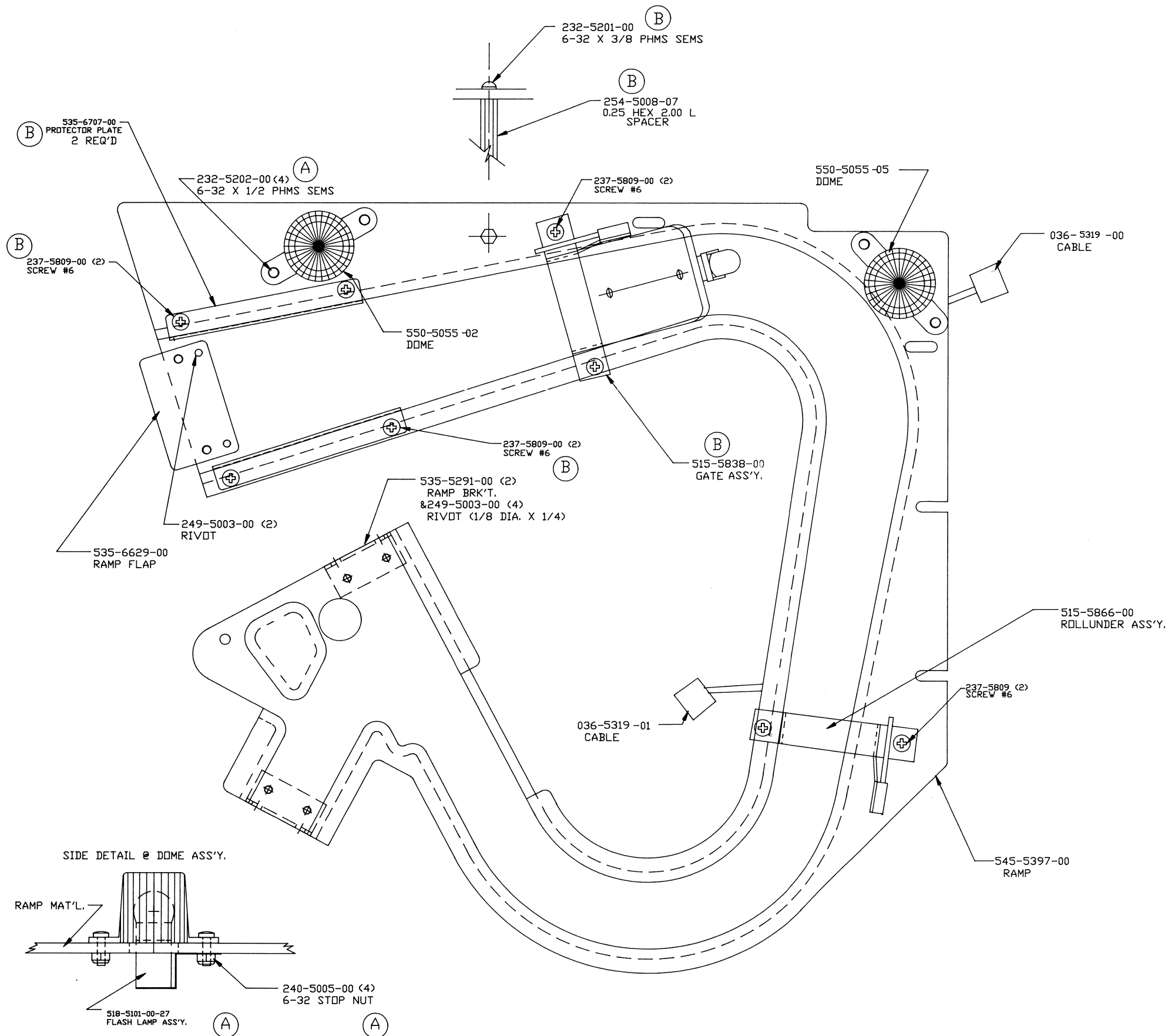










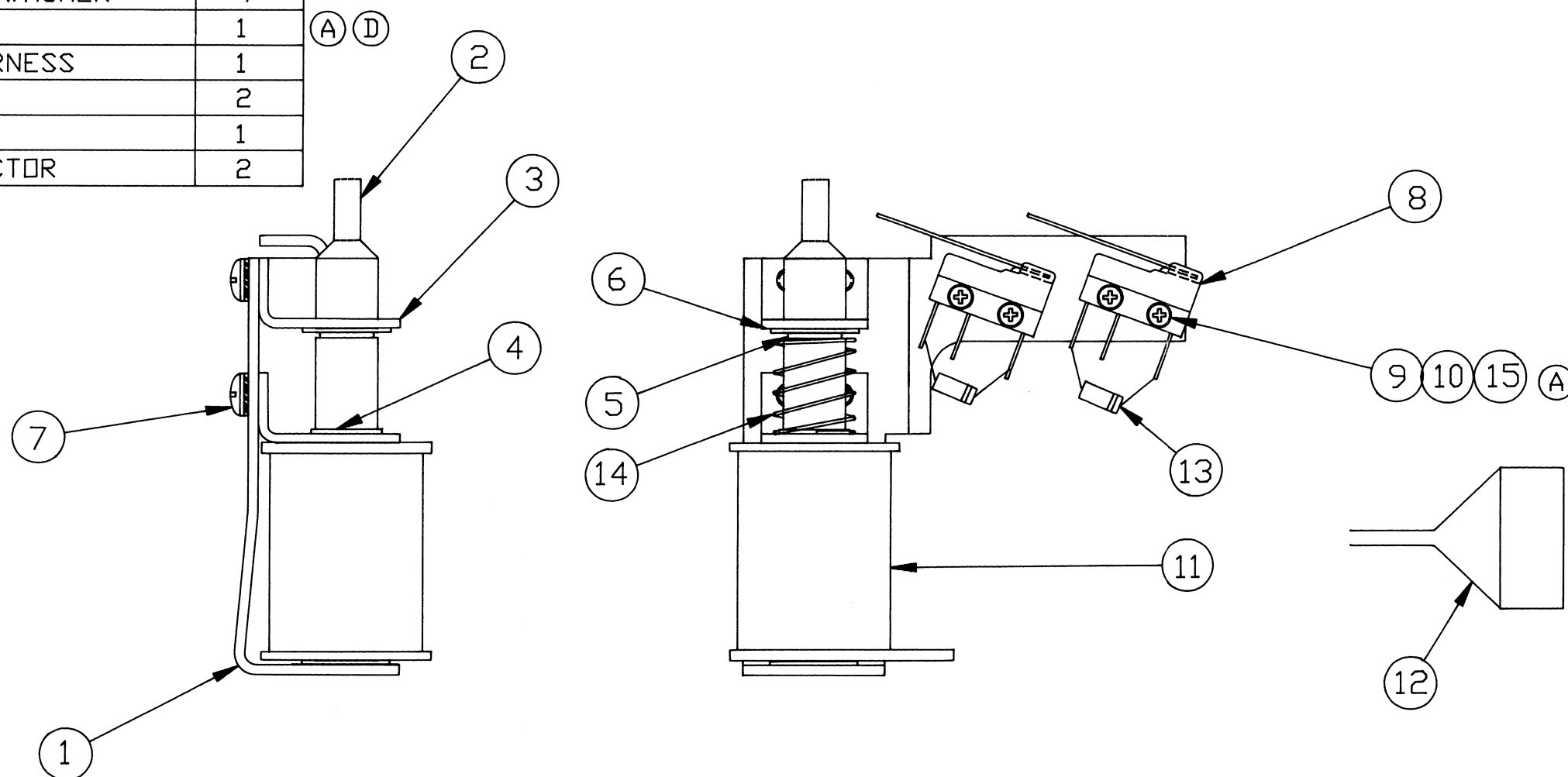


TOLERANCE UNLESS OTHERWISE NOTED
 DIMENSION FRACTIONAL ± 1/64
 DECIMAL ± .015
 ANGULAR ± 1/2°

REQ.	NEXT ASSY.	DWN.	DATE	TITLE
MAT.	CH'KD	JBORG	4-8-93	RAMP ASS'Y.
H.T.	JB	SCALE	FULL	
FIN.				

DATA EAST PINBALL, INC. PART NO.
 1990 JANICE AVE, MELROSE PARK, IL. 60160 500-5695-00

ITEM	PART NO.	DESCRIPTION	QTY
1	515-5867-00	BALL LOCK MTG BRKT ASSY	1
2	530-5262-00	PLUNGER, LOCK BALL	1
3	535-5203-01	COIL BRACKET	2
4	545-5411-00	COIL SLEEVE	1
5	270-5005-0	E-RING, 7/16 SHAFT	1
6	545-5418-00	NYLINER, 7/16 SHAFT	1
(C) 7	232-5300-00	#8-32 X 1/4 PPHW/SEMS	4
(B) 8	180-5128-00	ACTUATOR SWITCH	2
9	237-5806-00	#2-56 X 1/2 PPH	4
10	244-5001-00	#2 SPLIT LOCKWASHER	4
11	090-5004-00	COIL, 27-1500	1
12	036-5318-00	BALL LOCK HARNESS	1
13	112-5001-00	DIODE	2
(C) 14	266-5020-00	SPRING	1
(A) 15	535-6539-00	SWITCH PROTECTOR	2



TOLERANCE UNLESS
OTHERWISE NOTED

DIMENSION
XX ± .015
XXX ± .010
XXX ± .005

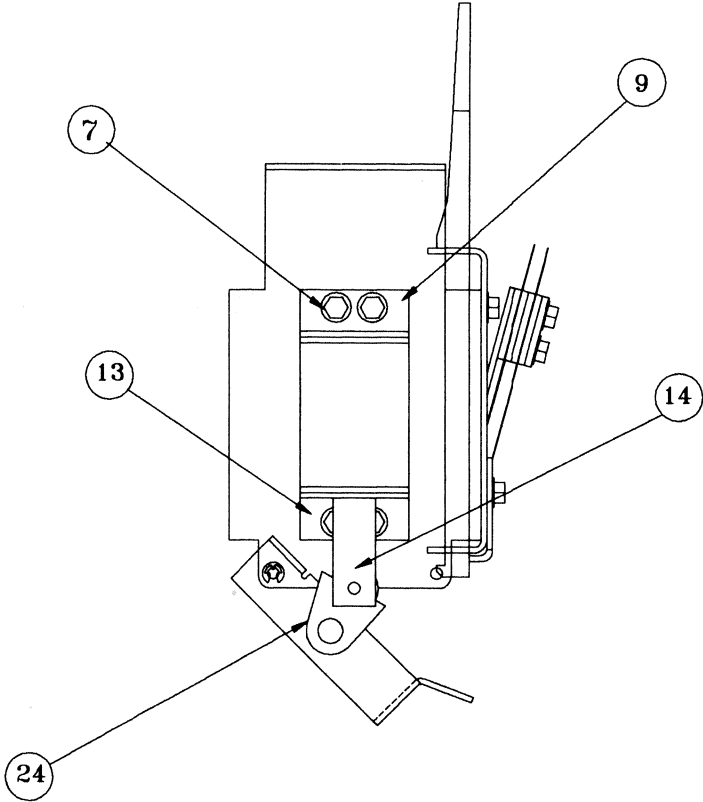
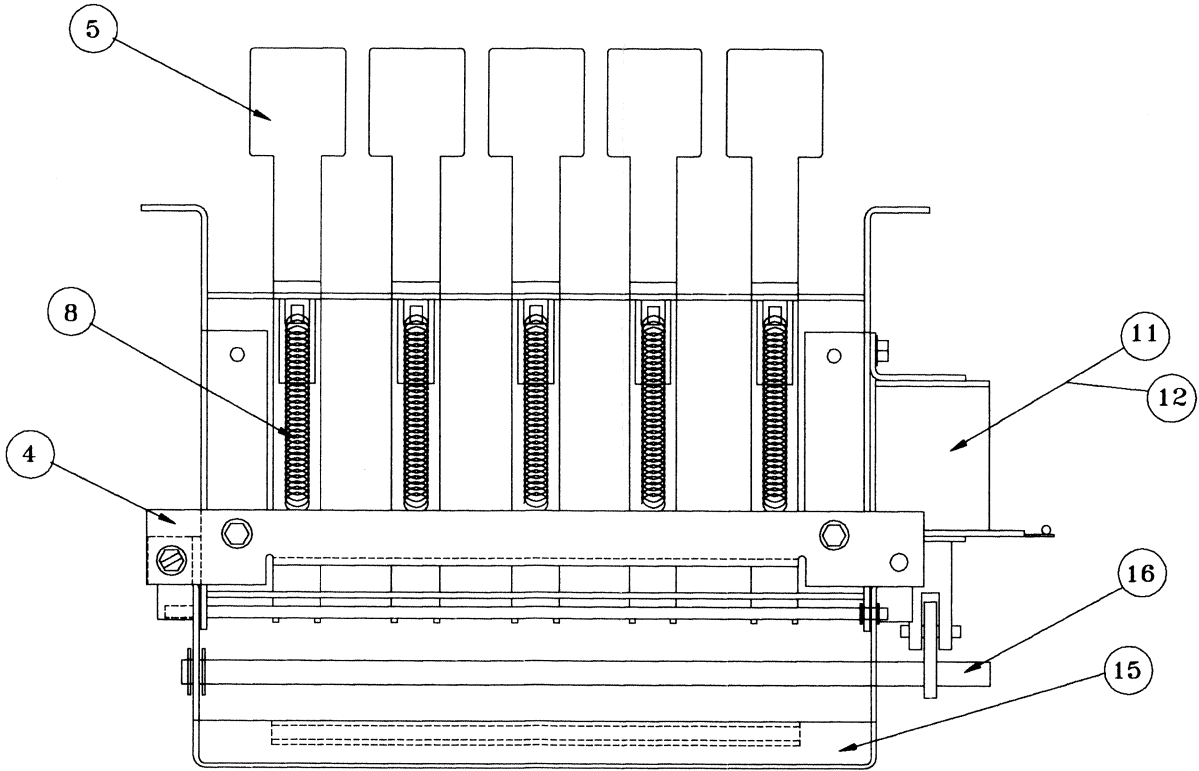
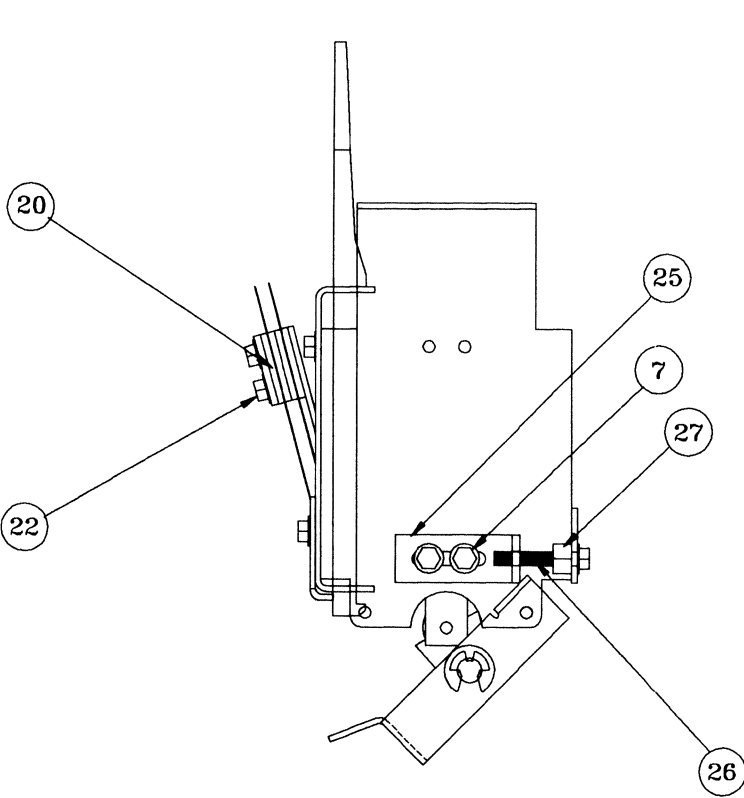
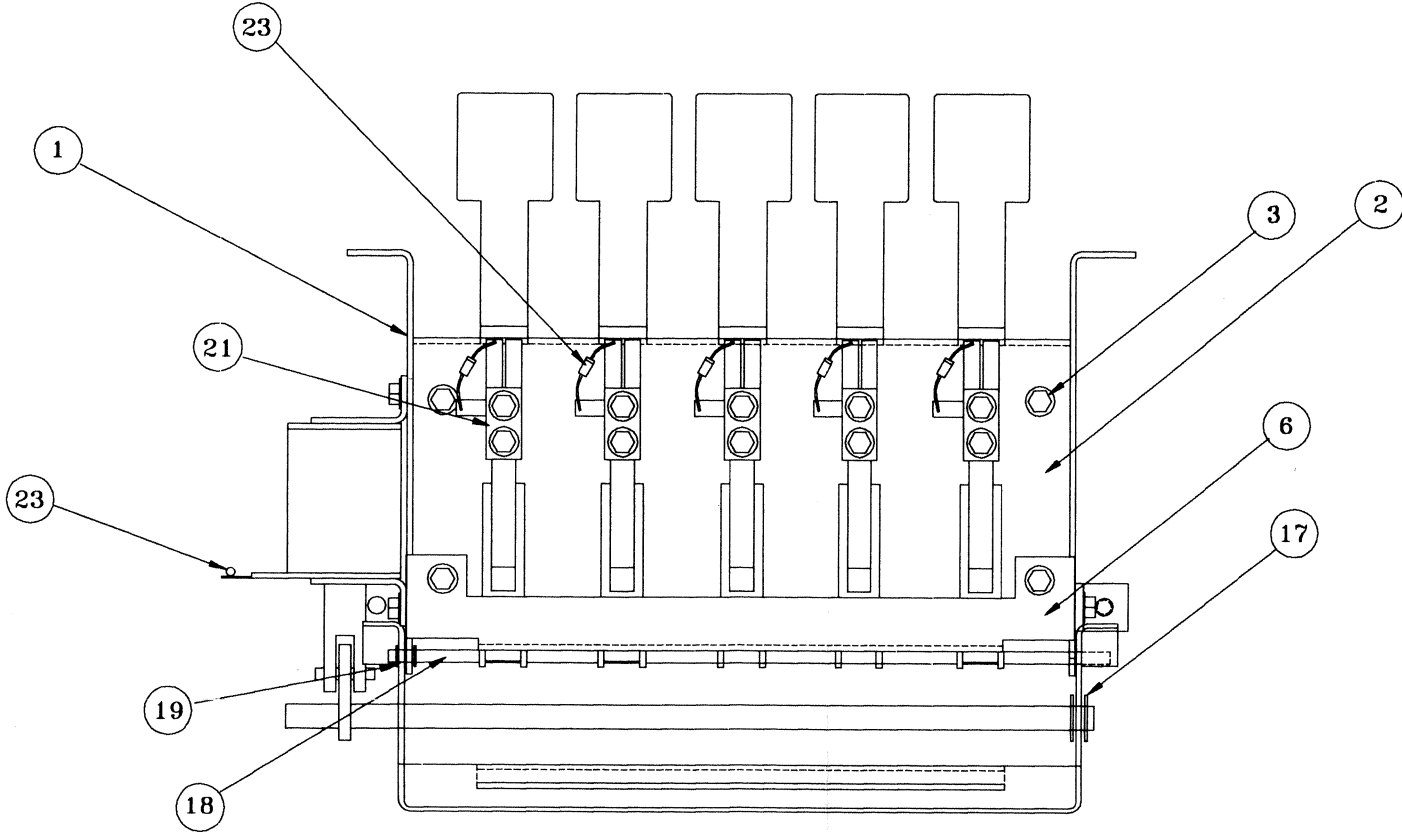
FRACTIONAL ± 1/64
ANGULAR ± 1/2°

REQ.	NEXT ASSY.	DWN. N.R.WURZ	DATE 6-8-93	TITLE BALL LOCK ASSEMBLY
MAT.		CH'KD	SCALE 1:1	
H.T.				
FIN.				
			DATA EAST PINBALL, INC. 1990 JANICE AVE., MELROSE PARK, IL. 60160	PART NO. 500-5730-00

#	DESCRIPTION	PART #
1	TRGT. END PLATE (2)	535-6162-00
2	TRGT. FRAME	535-6159-03
3	8-32 X 3/8 (6)	237-5879-00
4	SPRING MTG. PLATE	535-6510-05
5	TARGET	545-5048-01
6	TRGT. RETAIN BRKT.	535-5042-03
7	6-32 X 3/8 SWITCHES TYPE 23 (6)	237-5891-00
8	TRGT. RESET SPRING	265-5003-00
9	COIL SUPPORT BRKT.	535-6154-00
10		
11	23-700 COIL	090-5022-00
12	COIL SLEEVE	545-5031-00
13	PLUNGER STOP BRKT.	515-5088-00
14	PLUNGER/LINK ASSY.	515-5338-00
15	TRGT. LIFT BRKT.	535-6509-05
16	TRGT. SHAFT	530-5179-03
17	E-RING (1/4)	270-5002-00
18	PIVOT SHAFT	530-5180-03
19	E-RING (1/8)	270-5000-00
20	SWITCH ASSY.	180-5092-01
21	SWITCH PLATE	535-5045-00
22	6-32 X 1/2	237-5878-00
23	IN 4004 DIODE	112-5003-00
24	PLUNGER LINK	545-5062-00
25	ADJ. BRKT.	535-6508-00
26	8-32 X 7/8 (1)	237-5890-00
27	8-32 NYLOC	240-5102-00

•QUANTITY IS DESIGNATED BY BANK SIZE

REV.	DESCRIPTION	BY	DATE	APP.
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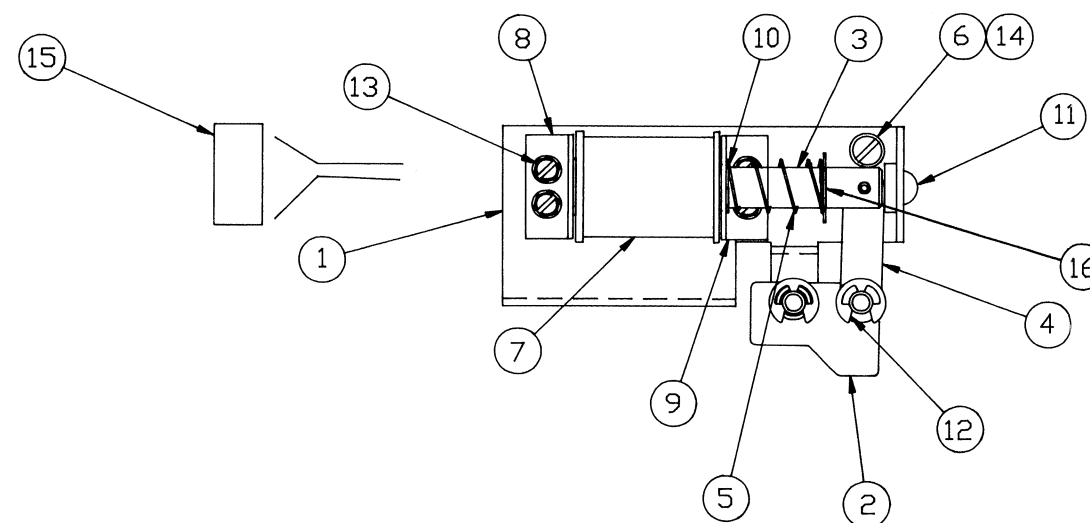
TOLERANCE UNLESS
OTHERWISE NOTED

DIMENSION FRACTIONAL ± 1/64
XXX ± .005 ANGULAR ± 1/2°
XXX ± .010
XXXX ± .005

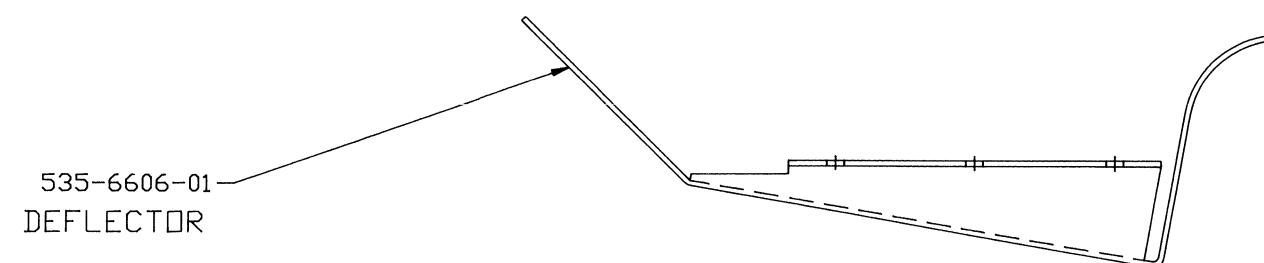
REQ.	NEXT ASSY.	DWN. BALZER	DATE 12-02-92	TITLE 5-BANK DROP TRGT. ASSY. (ADJUSTABLE)
MAT.		CH/KD	SCALE 1=1	
H.T.				
FIN.				
			DATA EAST PINBALL, INC. 1990 JANICE AVE., MELROSE PARK, IL. 60160	PART NO. 500-5821-05

PARTEC # PB-1126

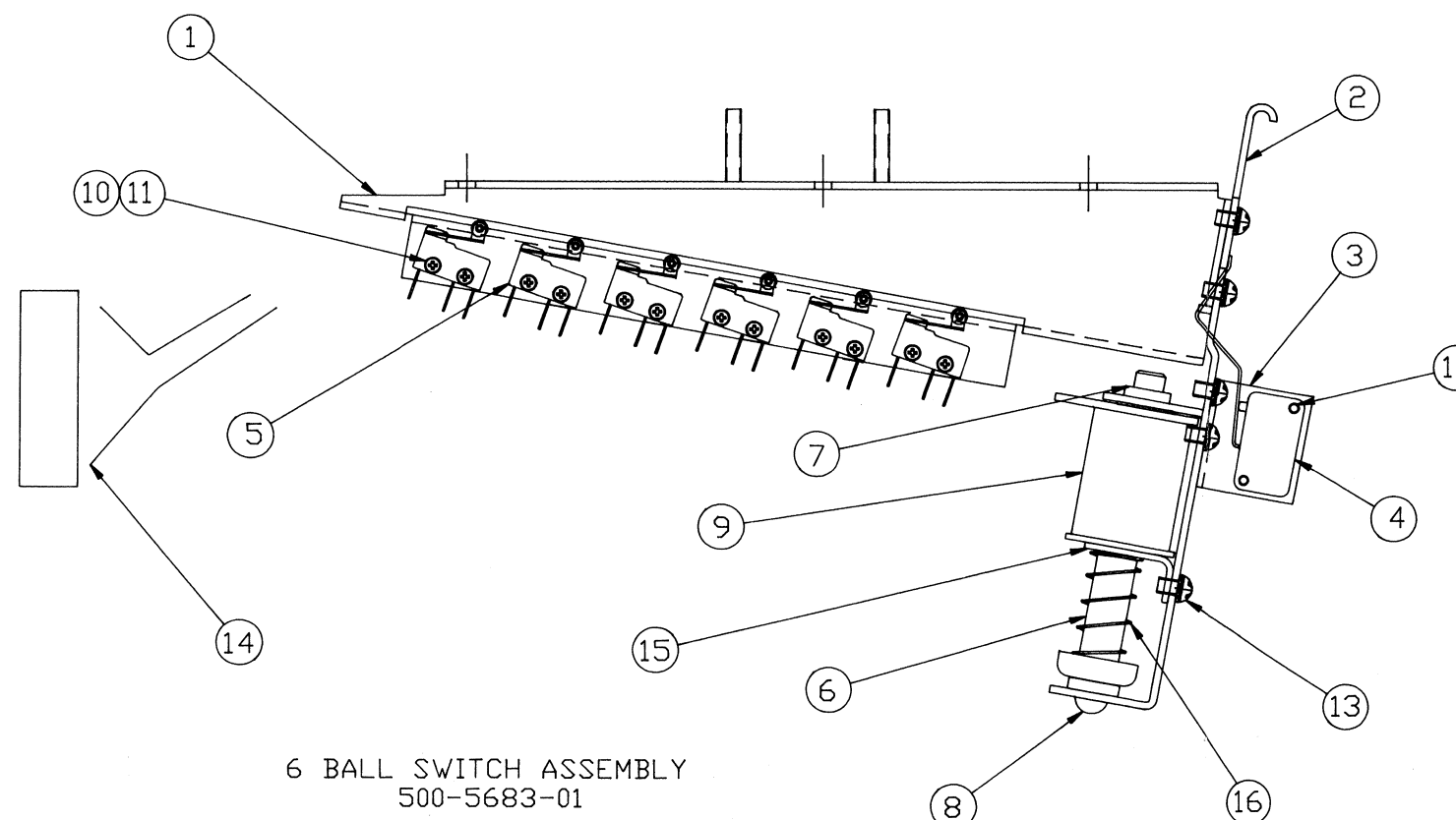
ITEM	PART NO.	DESCRIPTION	QTY
1	515-5817-01	LOCK BALL BRKT ASSY	1
2	515-5815-01	LOCK BALL CAM ASSY	1
3	530-5250-01	PLUNGER, Ø7/16 X 2 1/4 LG	1
4	545-5058-00	LINK, LOCK BALL	1
5	266-5036-01	SPRING	1
6	545-5400-00	SPACER	1
7	090-5034-00	COIL, 25-1240	1
8	515-5088-00	CORE STOP ASSY	1
9	535-6658-00	COIL RETAINING BRKT	1
10	545-5411-00	COIL SLEEVE	1
11	545-5105-00	RUBBER BUMPER	1
12	270-5002-00	E-RING, .25 SHAFT	2
13	237-5898-00	#6-32 HWH TC X .38 LG	4
14	237-5606-00	#8-32 PPH X 1" LG	1
15	036-5301-01	WIRING HARNESS	1
16	270-5005-00	E-RING, Ø.44 SHAFT	1



LOCK BALL ASSEMBLY
500-5684-01



535-6606-01
DEFLECTOR



6 BALL SWITCH ASSEMBLY
500-5683-01

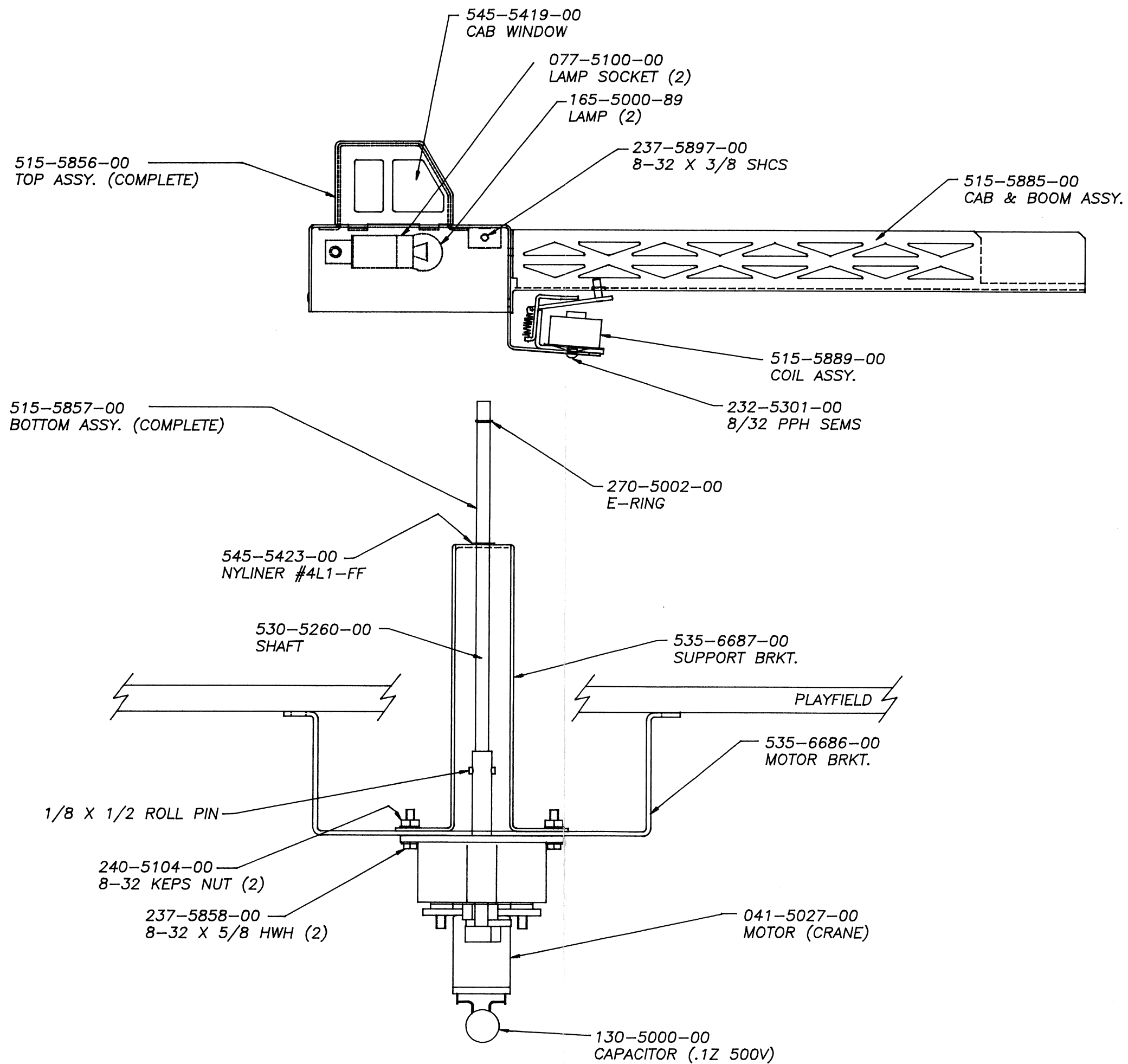
16	266-5020-00	SPRING	1
15	535-5203-01	COIL RETAINING BRKT	1
14	036-5301-00	WIRE HARNESS	1
13	232-5300-00	#8-32 PPHW/SEM X .25 LG	8
12	237-5832-00	#4-40 PPH X .62 LG	2
11	244-5001-00	#2 SPLIT LW	12
10	237-5806-00	#2-56 PPH X .5 LG	12
9	090-5001-00	COIL, 23-800	1
8	545-5105-00	RUBBER BUMPER	1
7	545-5076-00	COIL SLEEVE	1
6	515-5000-02	PLUNGER ASSY	1
5	180-5119-00	SWITCH, SUBMINIATURE	12
4	180-5118-00	SWITCH, MINIATURE	1
3	535-6623-00	SWITCH MTG BRKT	1
2	535-6622-01	COIL MTG BRKT	1
1	535-6621-01	OUTHOLE MTG BRKT	1
ITEM	PART NO.	DESCRIPTION	QTY

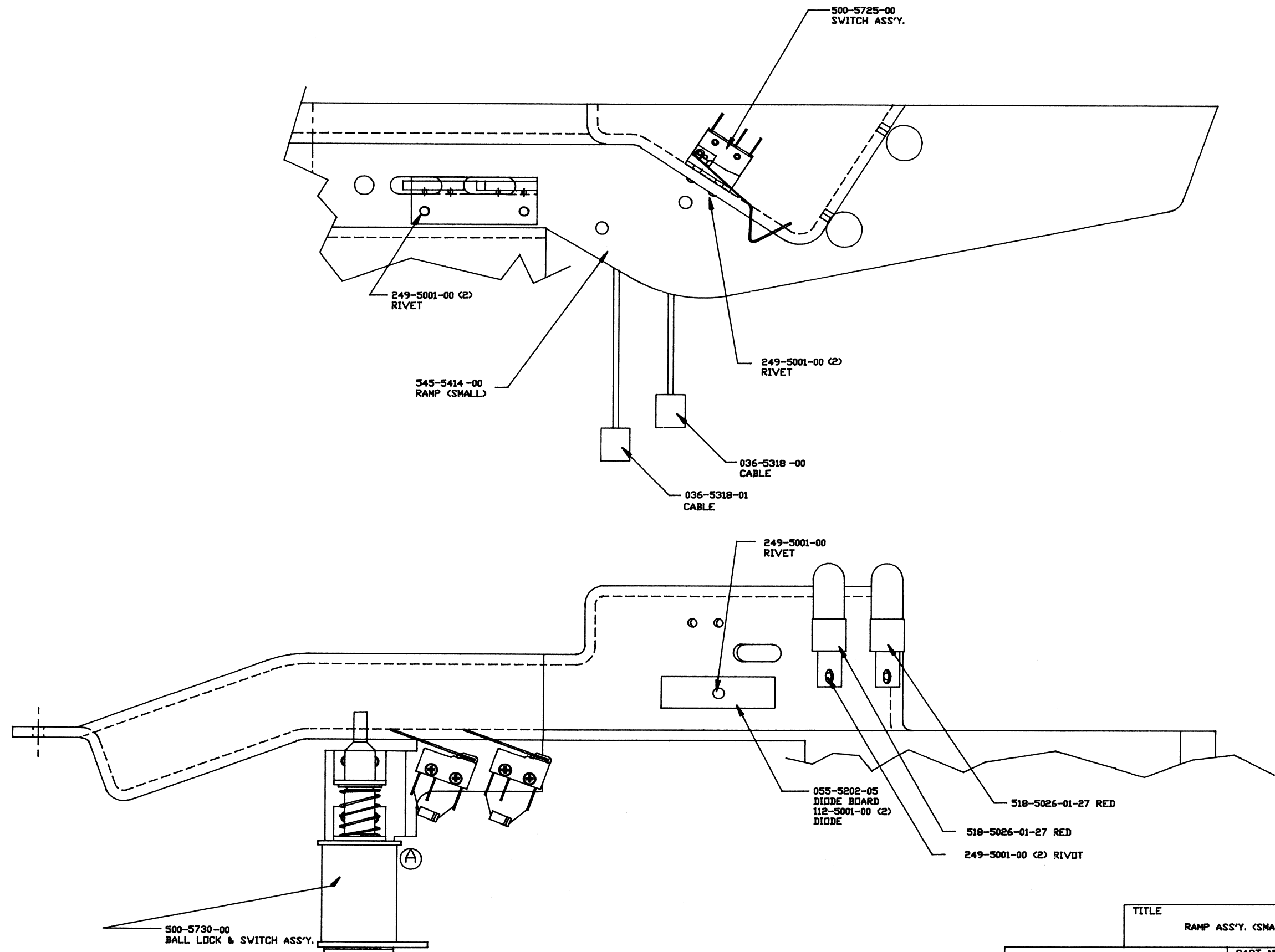
TOLERANCE UNLESS
OTHERWISE NOTED

REQ.	NEXT ASSY.	DWN.	DATE	TITLE
MAT.		T.V.S.	8.6.93	6 BALL OUT HOLE
H.T.		CHKD	SCALE	TROUGH ASSEMBLY
FIN.			1/1	

DATA EAST PINBALL, INC.
1990 JANICE AVE. MELROSE PARK, IL 60160

PART NO.





TITLE	
RAMP ASS'Y. (SMALL)	
DATA EAST PINBALL, INC. 1990 JANICE AVE. MELROSE PARK, IL. 60160	PART NO. 500-5718-00

