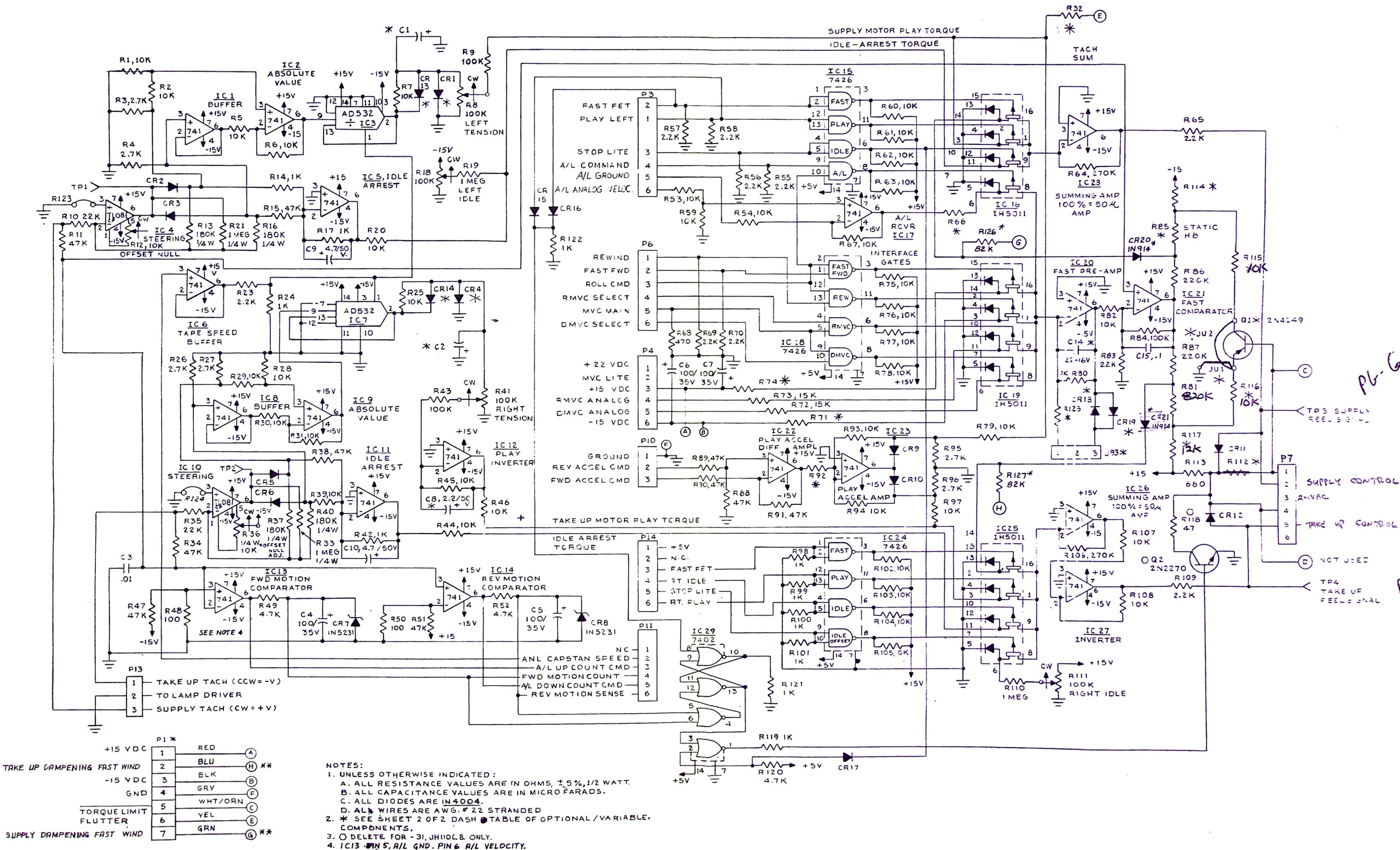


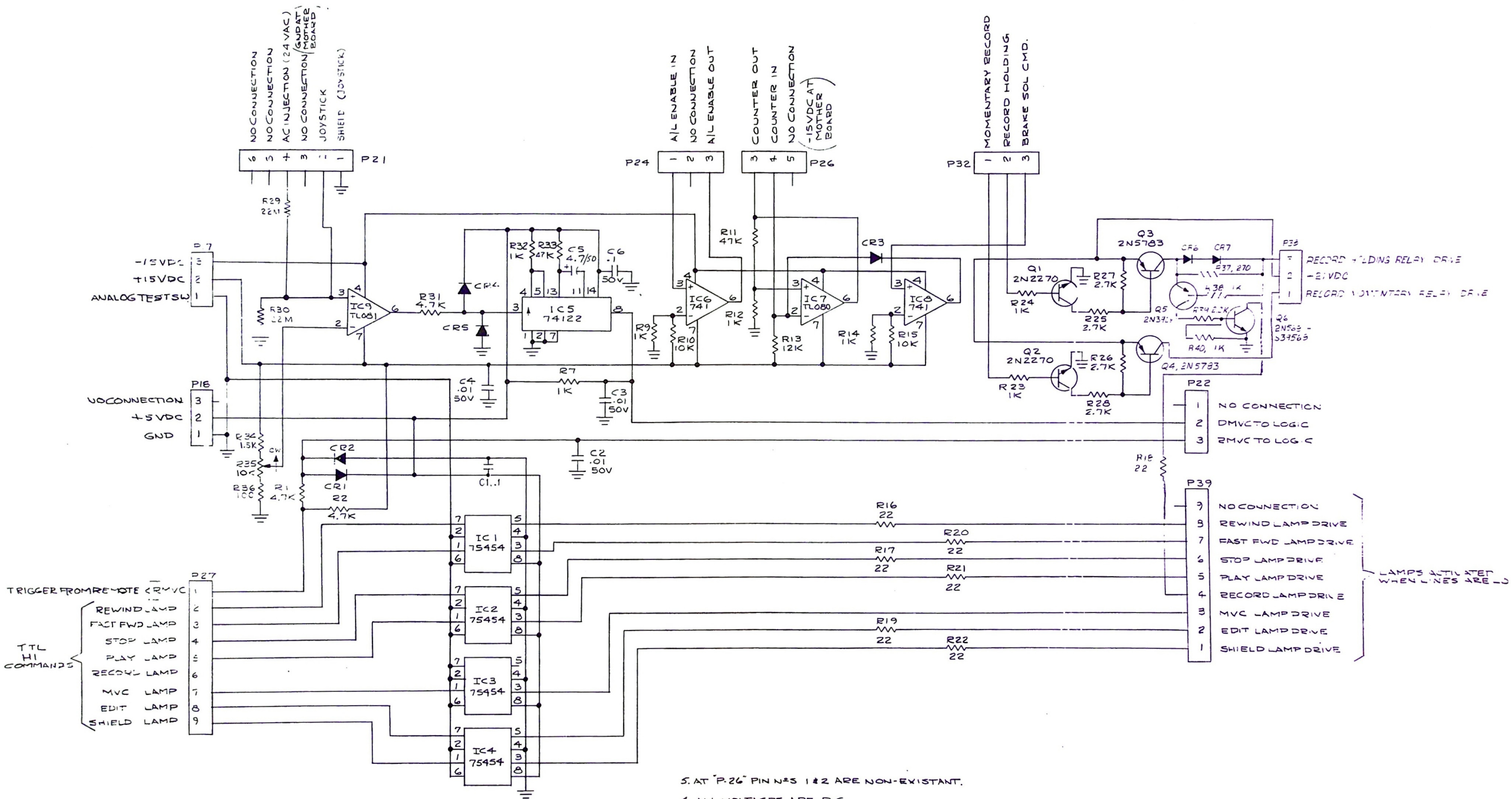


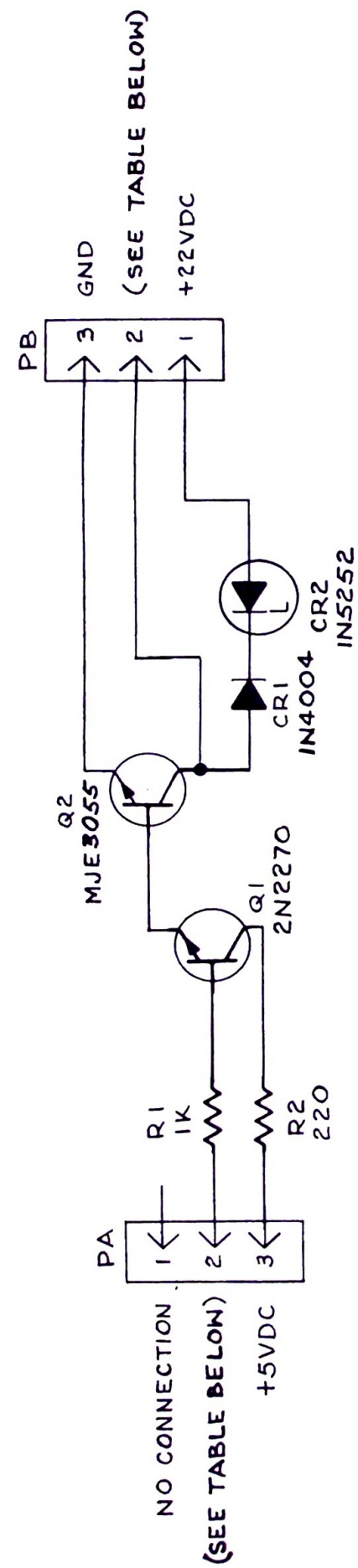
** -32 ONLY

Analog Torque Board
SC2600D0001 rev AZ

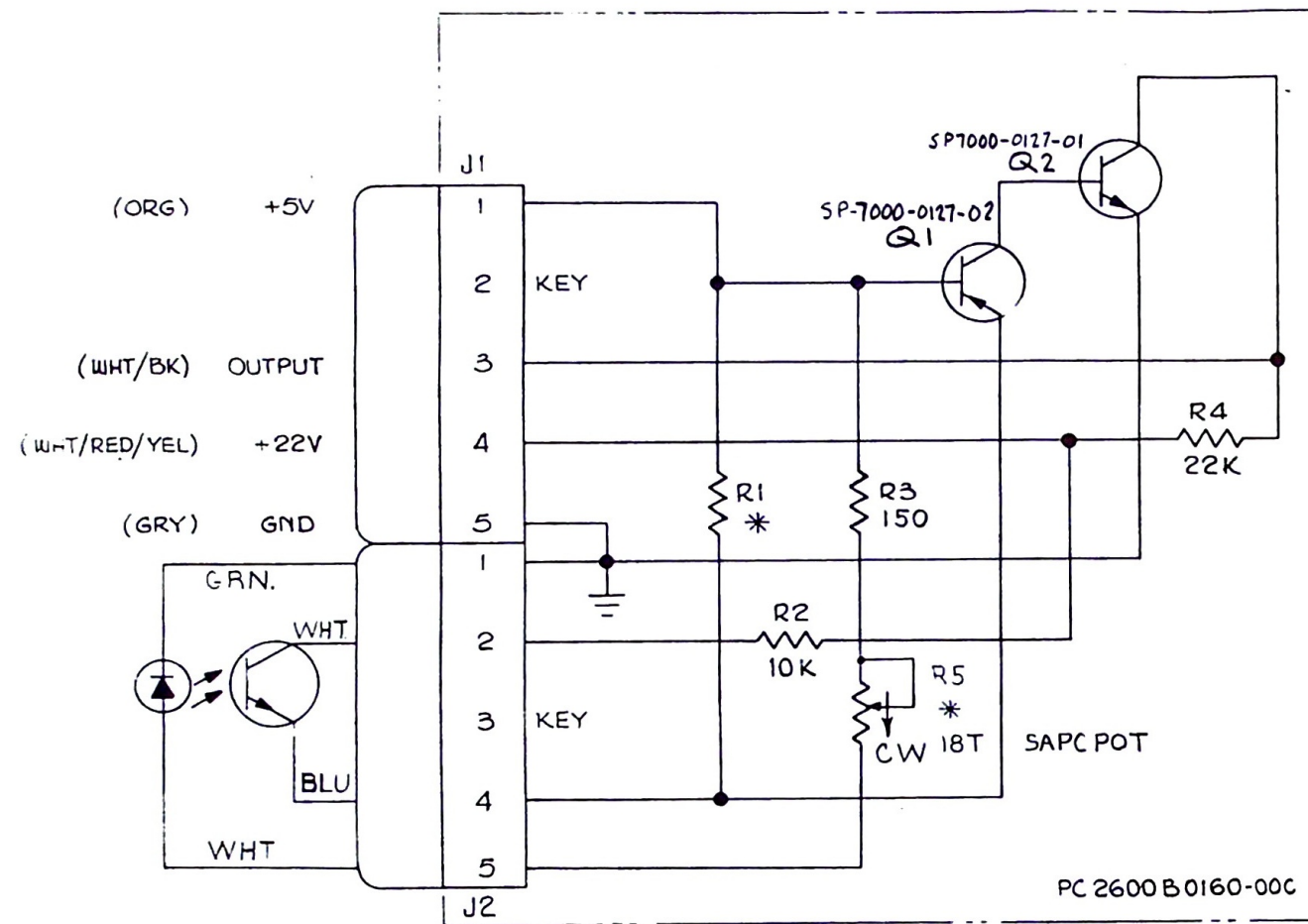
JH-24

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DRIVER BD	PA	PA-2 FUNCTION	PB	PB-2 FUNCTION
BRAKE SOL.	P41	BRAKE LOGIC COMMAND	P37	BRAKE SOL. DRIVE
PLAY SOL.	P35	PLAY LOGIC COMMAND	P34	PLAY SOL. DRIVE
Z" ROLLER SOL.	P30	Z" ROLLER LOGIC COMMAND	P29	Z" ROLLER SOL. DRIVE
LIFTER SOL.	P25	LIFTER LOGIC COMMAND	P23	LIFTER SOL. DRIVE
SHIELD SOL.	P20	SHIELD LOGIC COMMAND	P16	SHIELD SOL. DRIVE

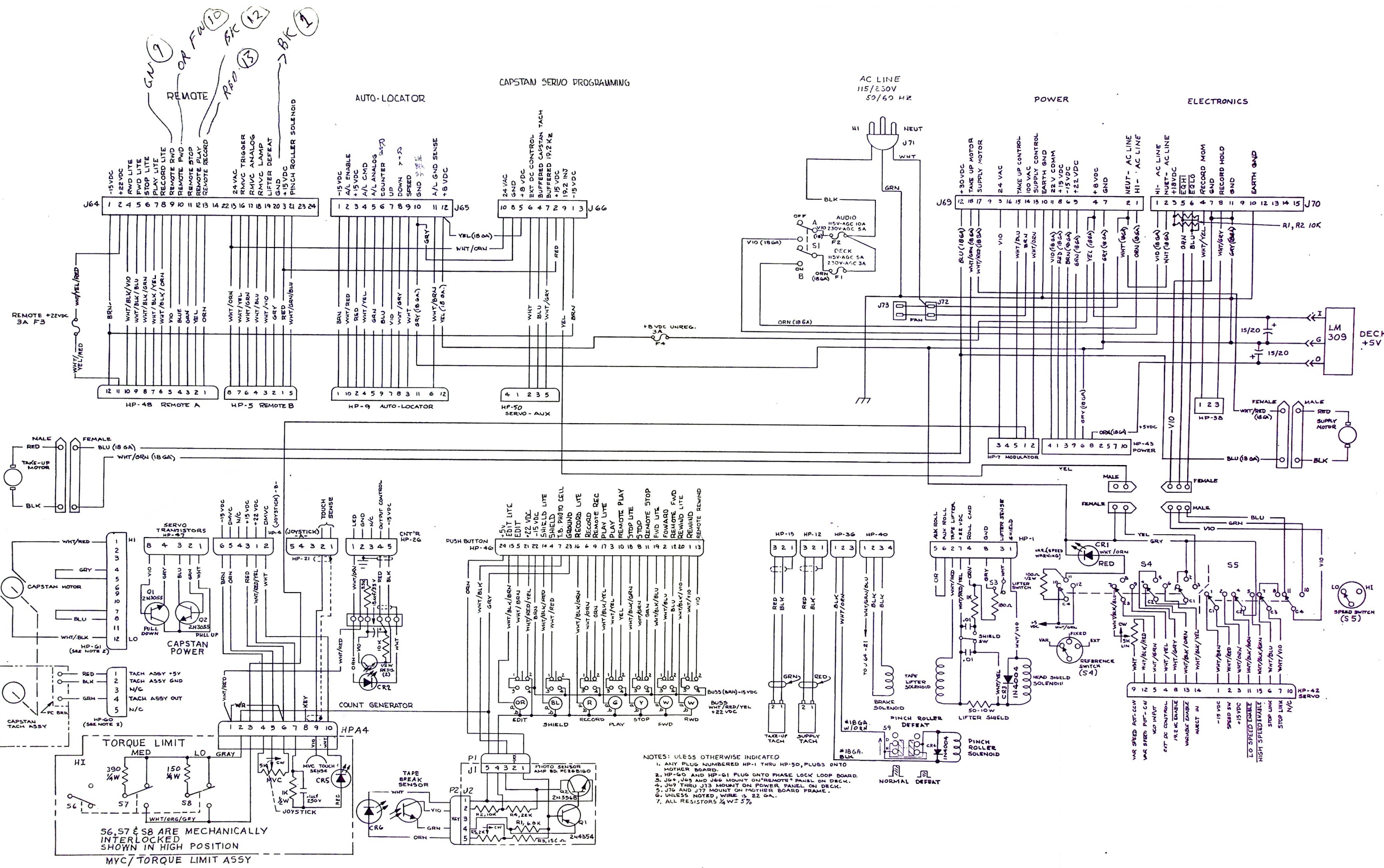


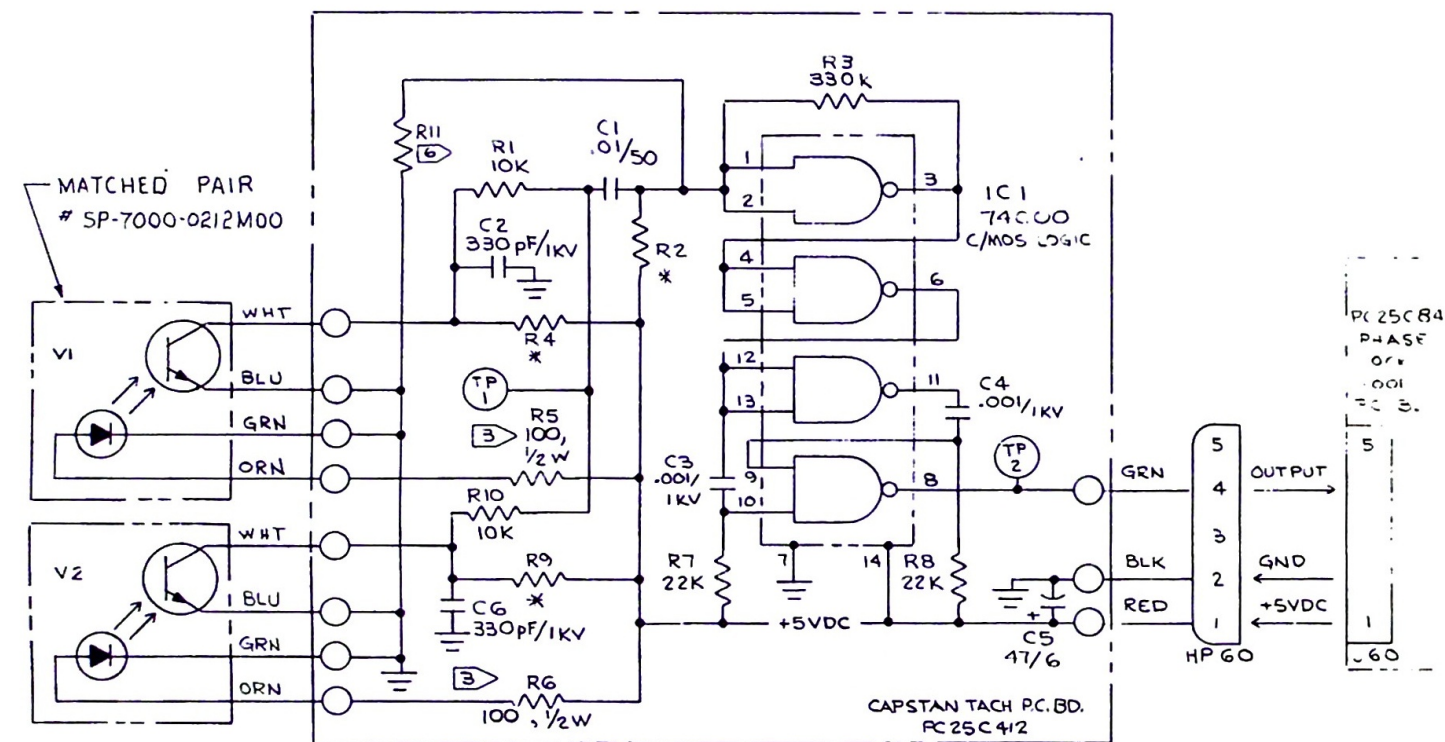
*	-0C	-10
R1	6800	1000
R5	2000	5000

NOTE:

1. ALL RESISTOR VALUES ARE IN OHMS, 1/4W, 5%.
2. -10 FOR JH-24 TAPE MACHINE ONLY



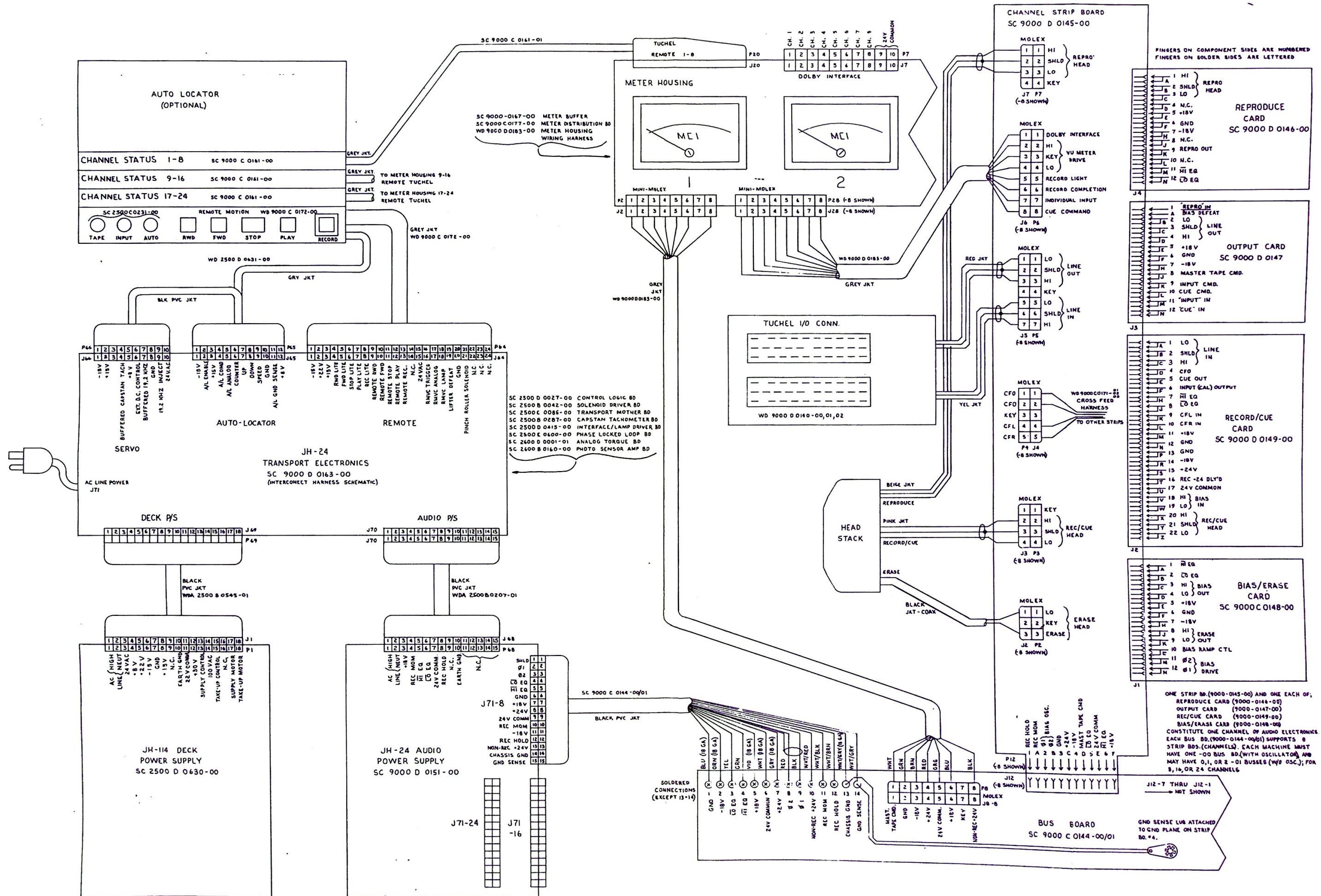




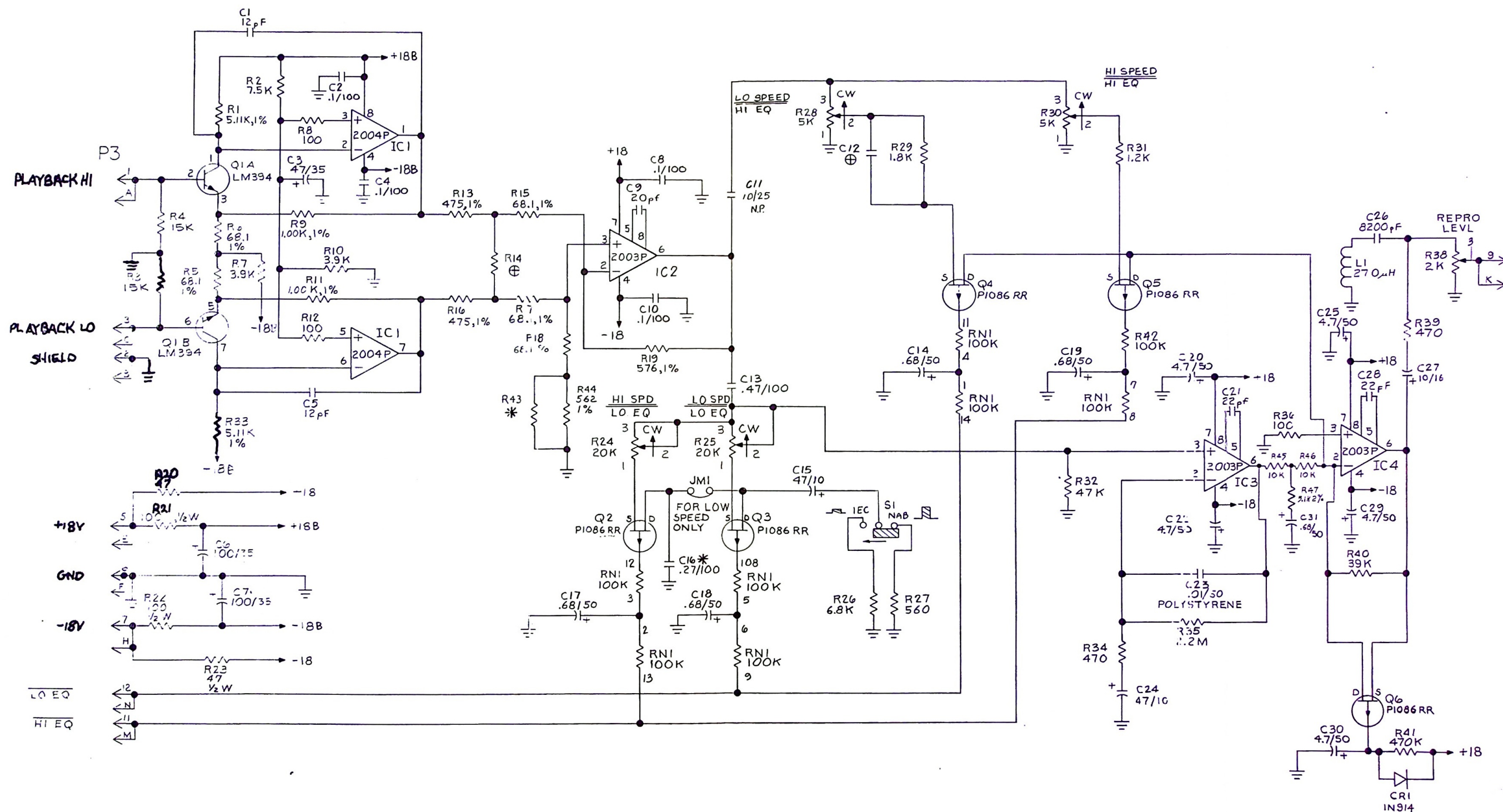
NOTES:

- 1) UNLESS OTHERWISE SPECIFIED:
ALL RESISTOR VALUES ARE IN OHMS
1/4 W, 5%.
ALL CAPACITOR VALUES ARE IN
MICROFARADS/VOLTS.
- 2) TP1 & TP2 ARE SWAGED TERM POSTS.
- 3) R5 & R6 ARE NOMINAL VALUES,
MAY CHANGE AT FINAL CHECKOUT.
- 4) USE LEADS AS SUPPLIED WITH V1 & V2.
- 5) WIRES TO HP60 ARE 22AWG, 7 STRAND
- 6) VALUE SELECTED AT FINAL CHECKOUT

7) * R4, R9 & R2 SELECTIVE TEST COMPONENTS

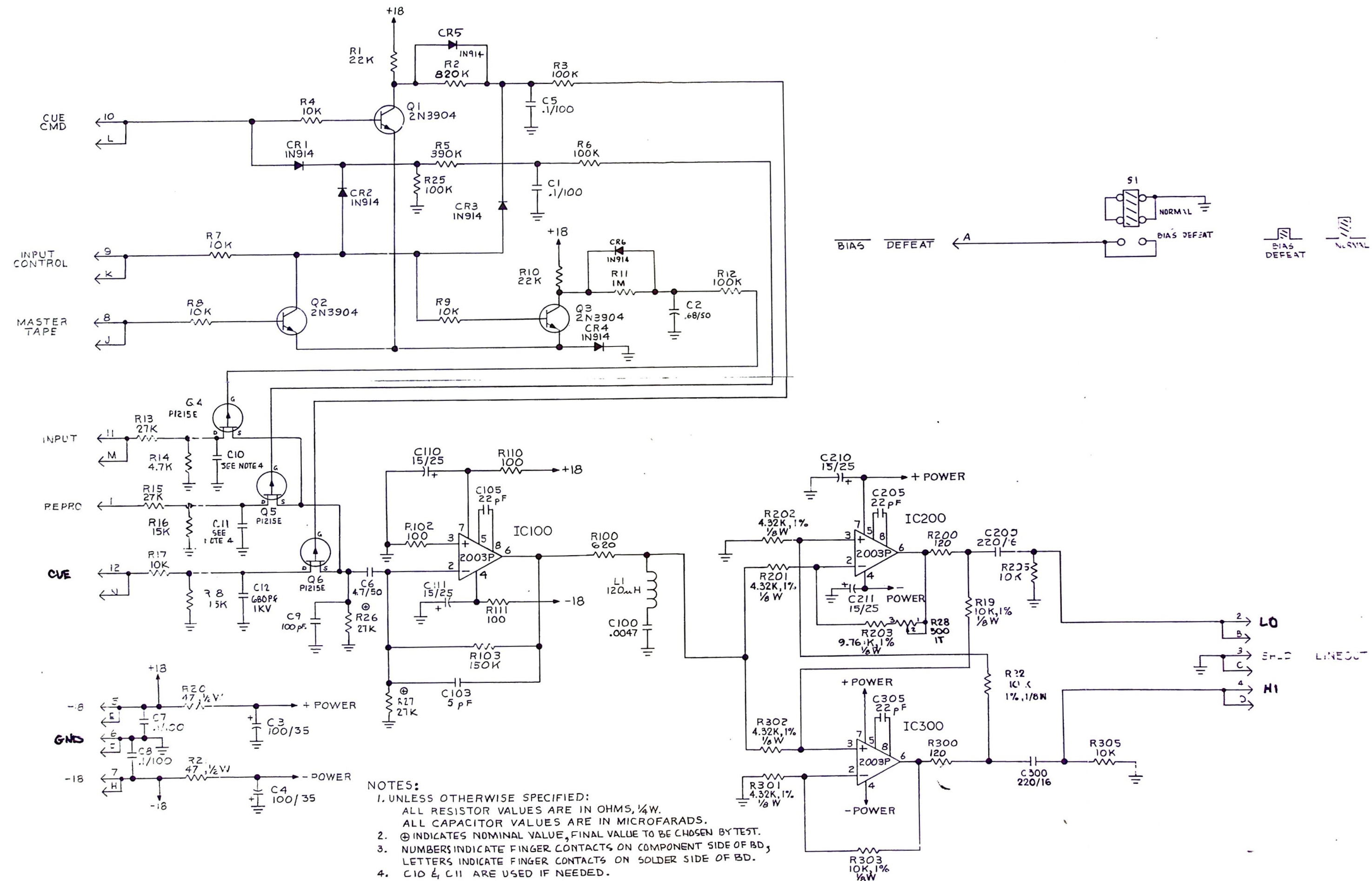


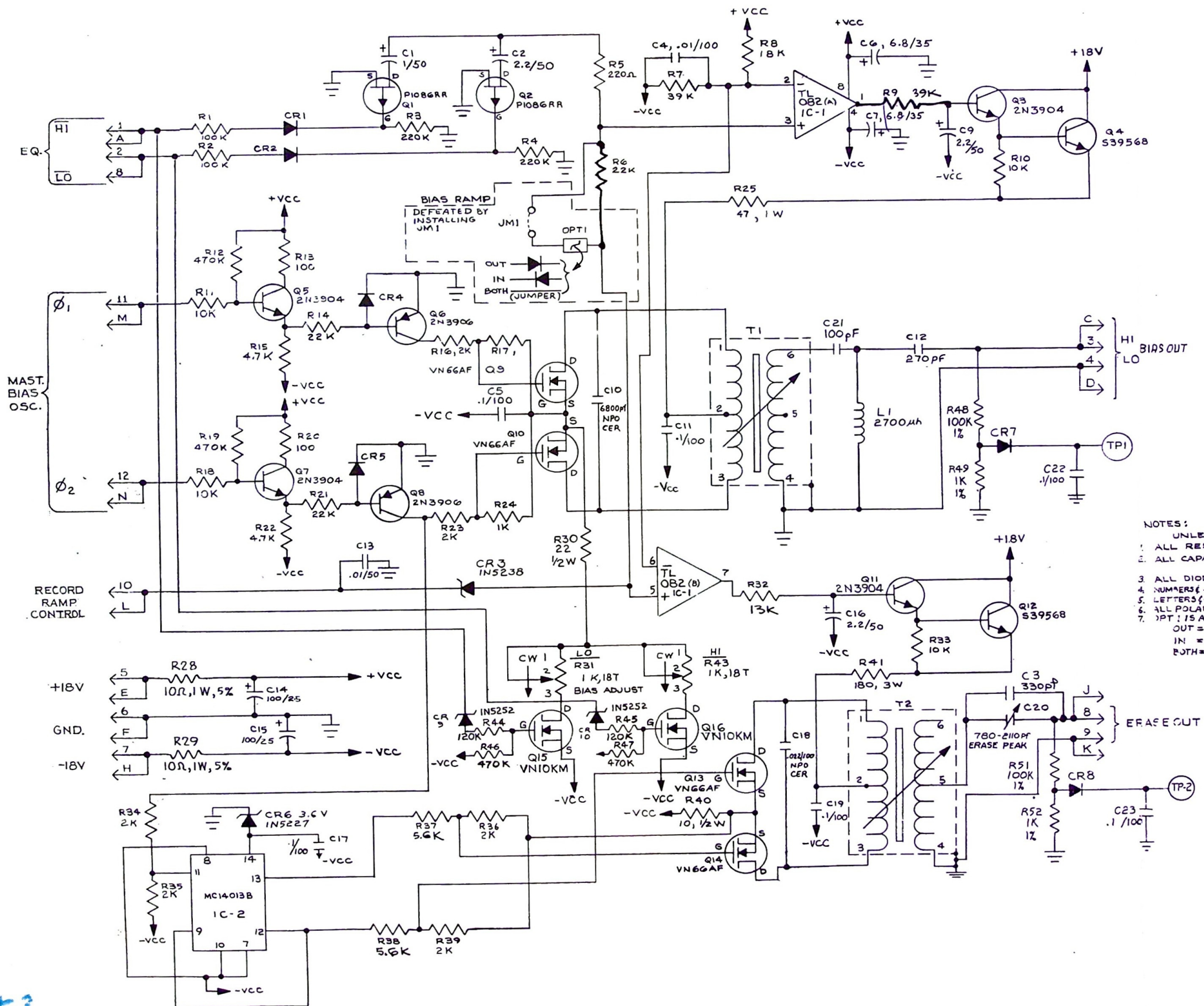
JH-24 System Drawing
 WD9000E0184



NOTES:

1. UNLESS OTHERWISE SPECIFIED:
ALL RESISTOR VALUES ARE IN OHMS, $\frac{1}{4}W \pm 5\%$ EXCEPT 1% RESISTORS WHICH ARE $\frac{1}{8}W$.
ALL CAPACITOR VALUES ARE IN MICROFARADS/VOLTS.
2. $\oplus$ DENOTES OPTIONAL COMPONENTS NOT NORMALLY REQUIRED
3. NUMBERS AND $\rightarrow$ CORRESPOND TO GOLD FINGERS ON COMPONENT SIDE OF PC. BD.
LETTERS AND $\rightarrow$ CORRESPOND TO GOLD FINGERS ON SOLDER SIDE OF PC. BD.
4. * DENOTES VARIABLE COMPONENT (SEE CHART)





- NOTES:
- UNLESS OTHERWISE SPECIFIED —
 - ALL RESISTOR VALUES ARE IN OHMS, 1/4W, 5%
 - ALL CAPACITOR VALUES ARE IN MICROFARADS/VOLTS
 - ALL DIODES ARE IN 914
 - NUMBERS 6- indicate GOLD FINGERS ON COMP SIDE OF BOARD
 - LETTERS 3- indicate GOLD FINGERS ON SOLDER SIDE OF BOARD
 - ALL POLARIZED CAPACITORS ARE ELECTROLYTIC
 - OPT 1 IS A CUSTOMER OPTION
OUT = RAMP DISABLED ON PUNCH OUT OF RECORD
IN = RAMP DISABLED ON PUNCH IN OF RECORD
BOTH = RAMP DISABLED ON PUNCH IN & OUT OF RECORD

Bias Board
SC9000C0148 rev V

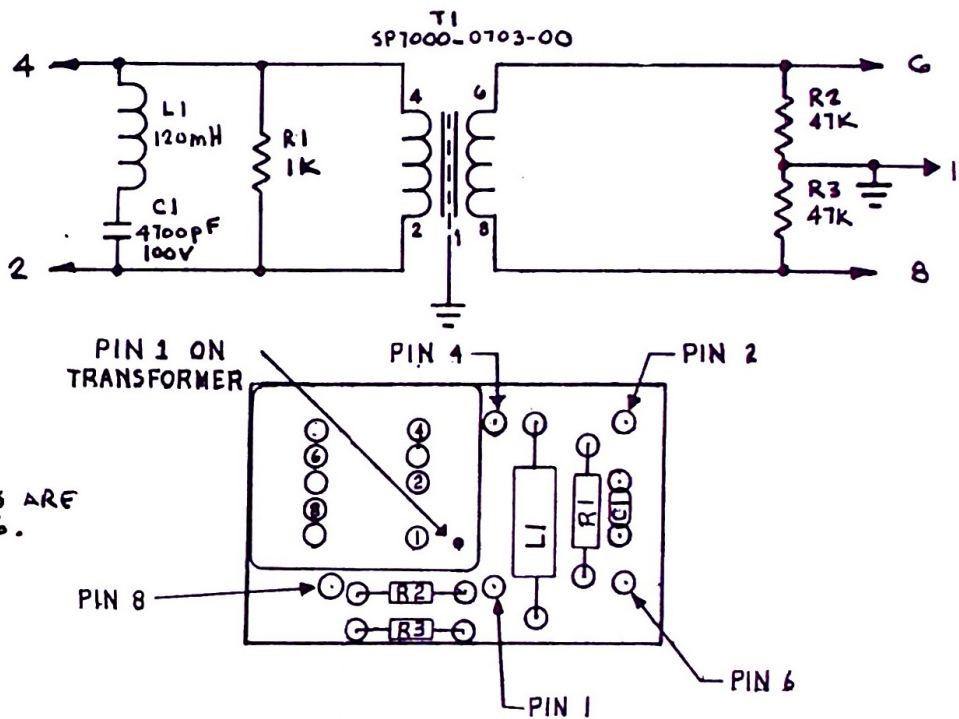
JH-24

Page 4-19

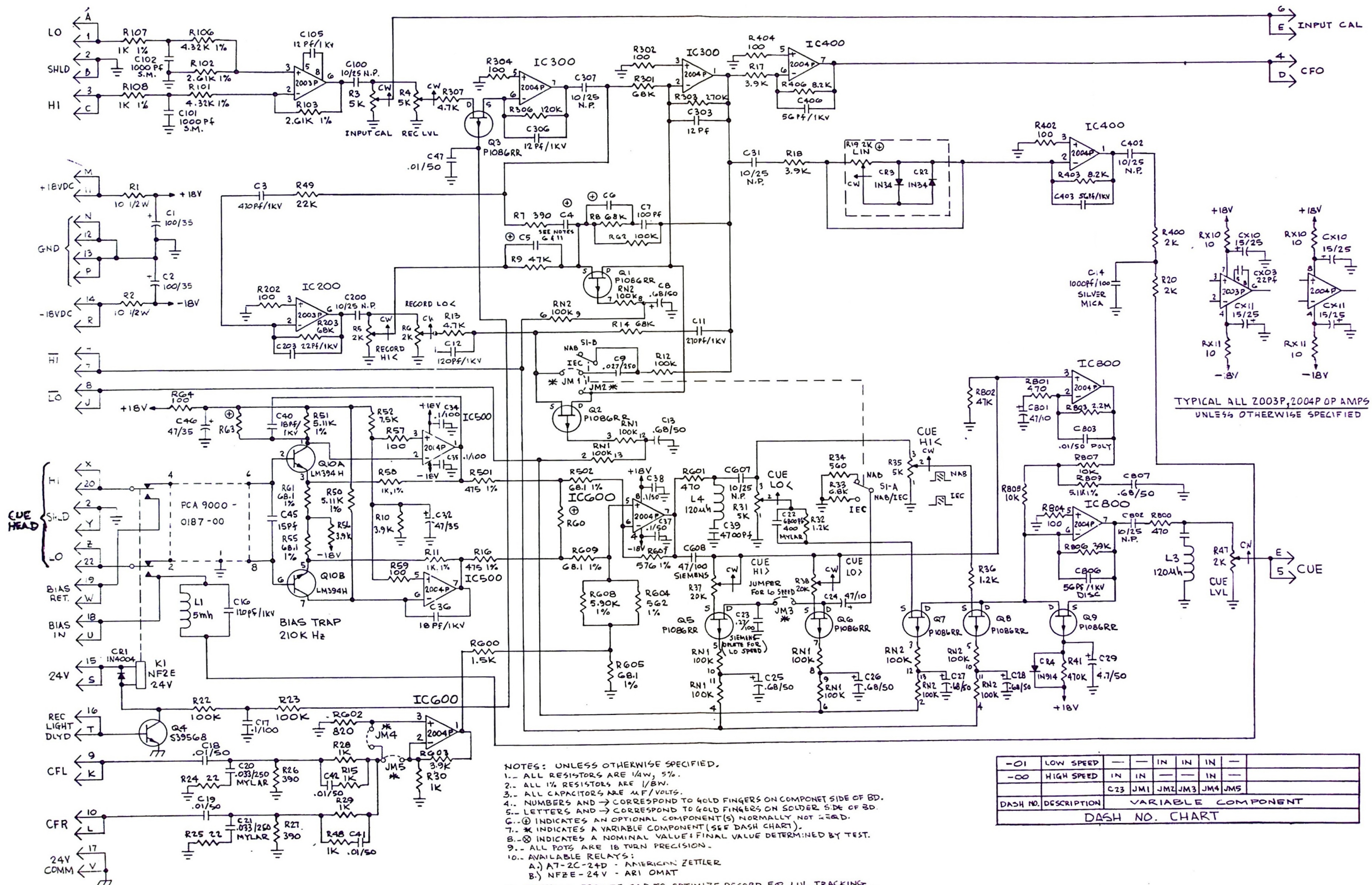
296C 152

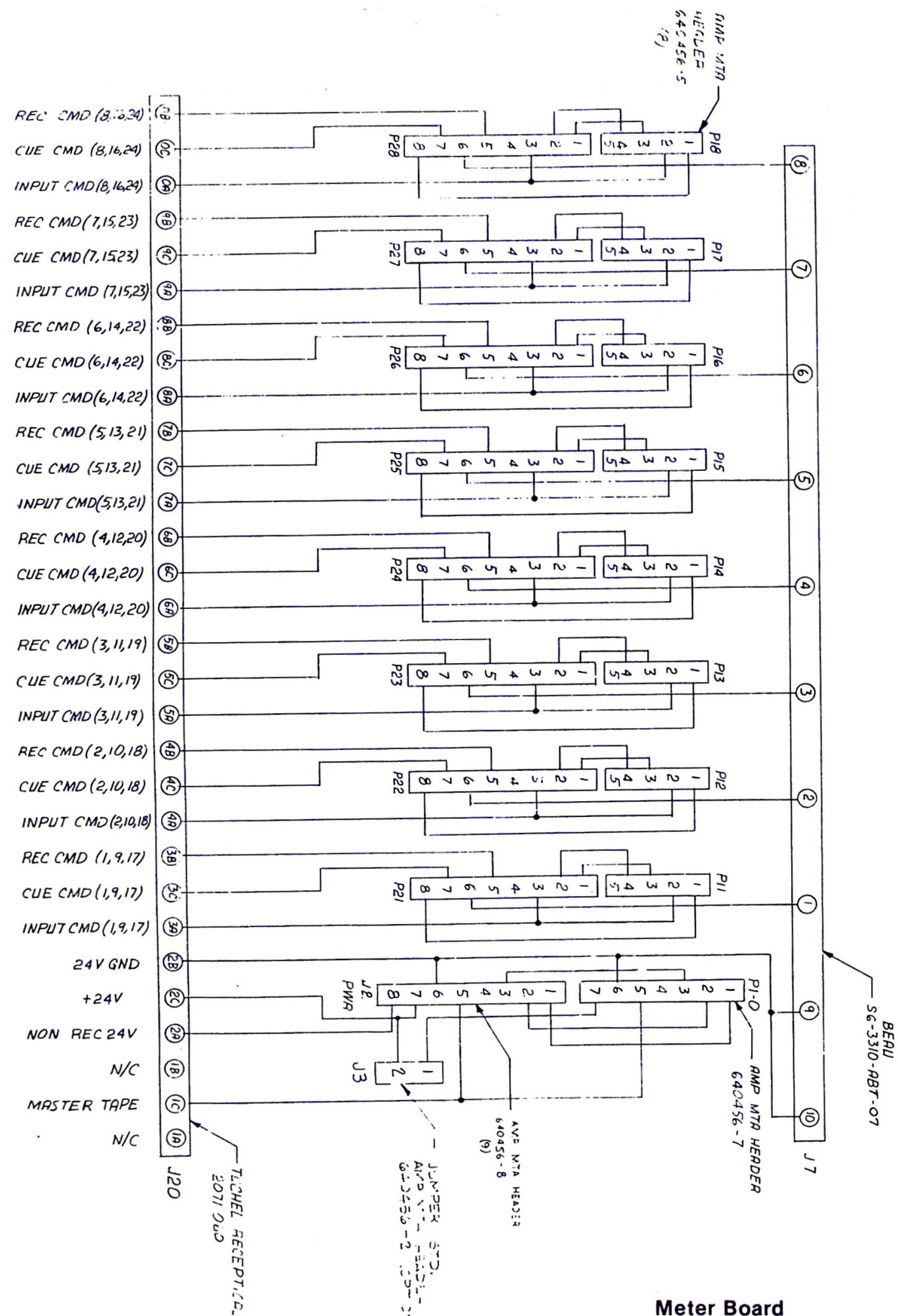
PARTS LIST — RECORD/CUE TRANSFORMER PLUG-ON BOARD

PART NUMBER	DESCRIPTION	QUAN.	DESIGNATOR
PCA9000-0187-00	RE/CUE PLUG-ON JH-24	1	
1.0-KOHM5%-1/4W	CARBON FILM RESISTOR	1	R1
47-KOHM5%-1/4W	CARBON FILM RESISTOR	2	R2, R3
4700PF100V-CPF	POLY FILM CAP S/T KT1805	1	C1
PS-5047-126GG30	GOLD PIN MTG.	5	P1, P2, P4, P6, P8
SP-7000-0703-00	4:1 LOW Z TRANS JH-24	1	T1
SP-7000-2318-00	MODIFIED CHOKE 120MH	1	L1
15S121K	120MH INDUCTOR	1	L1

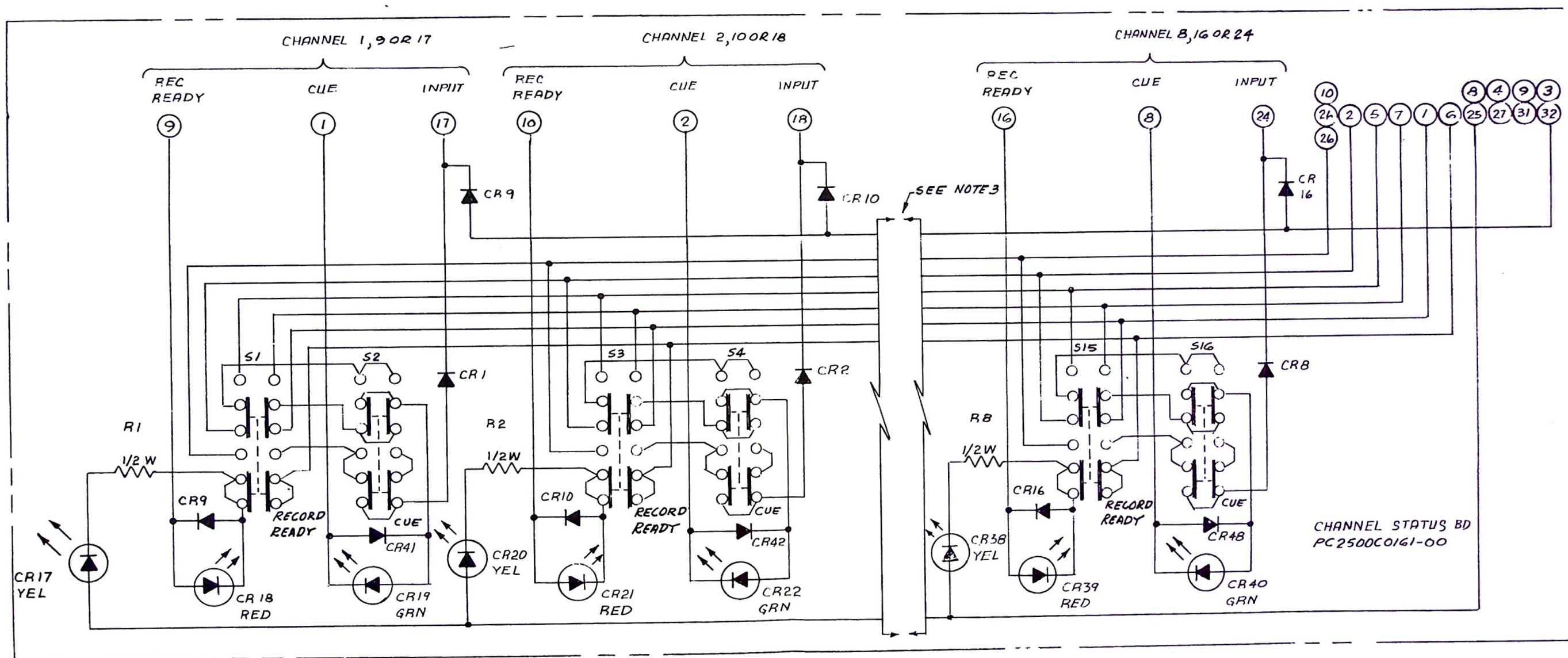


NOTES.
1.- ALL RESISTOR VALUES ARE
IN OHMS, 1/4W, 5%.



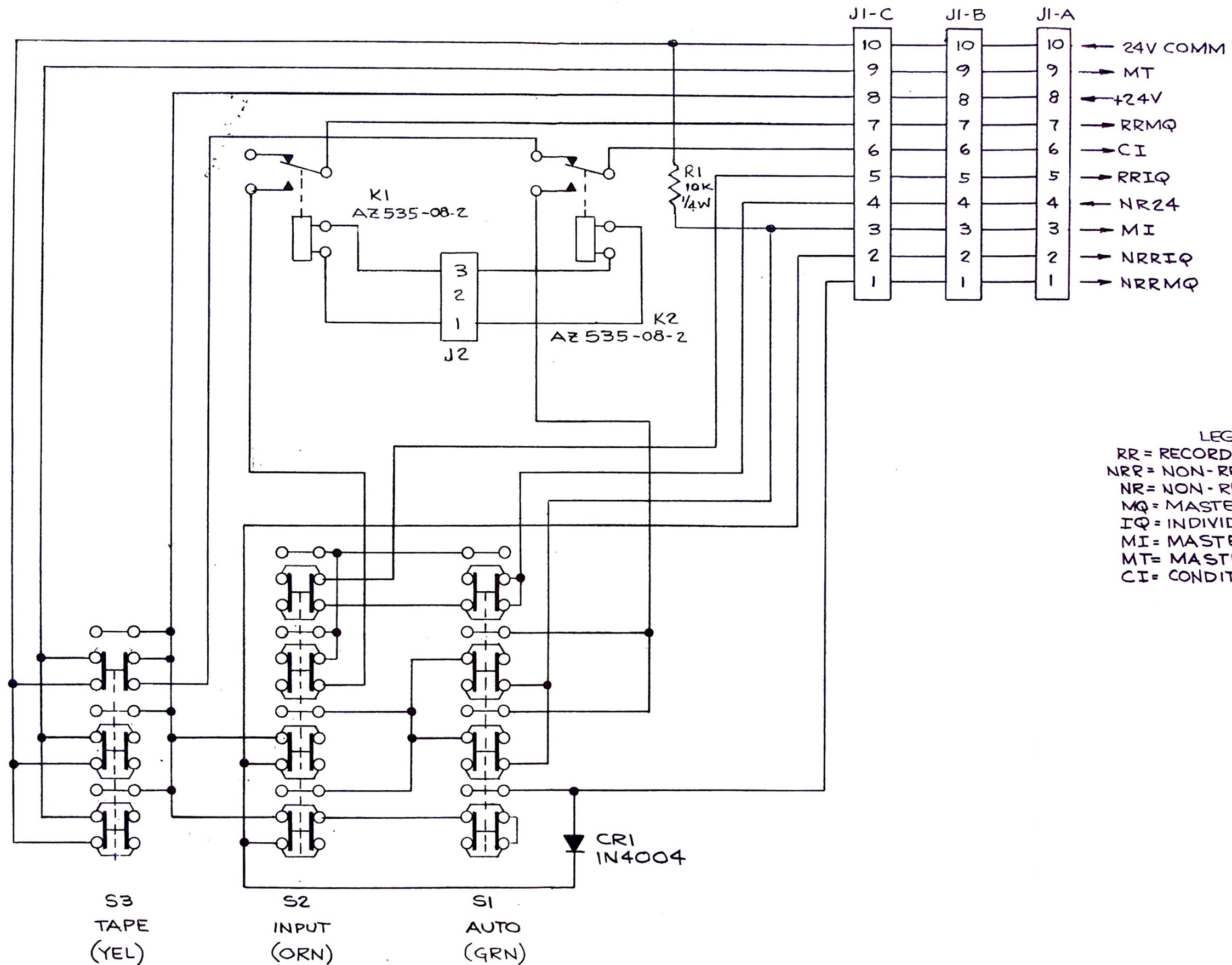


Meter Board
 SC9000C0177-01 rev C



NOTES: UNLESS OTHERWISE SPECIFIED

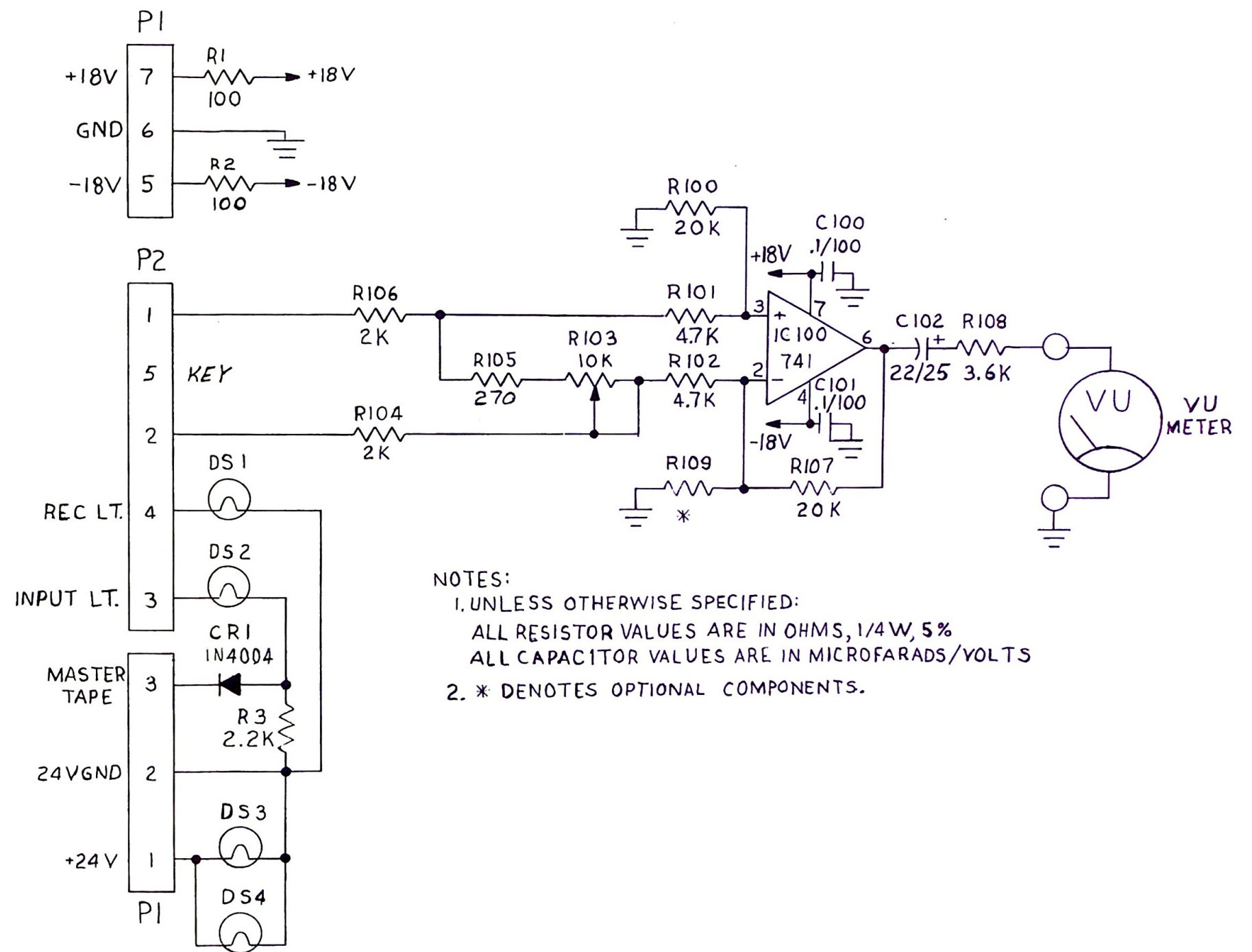
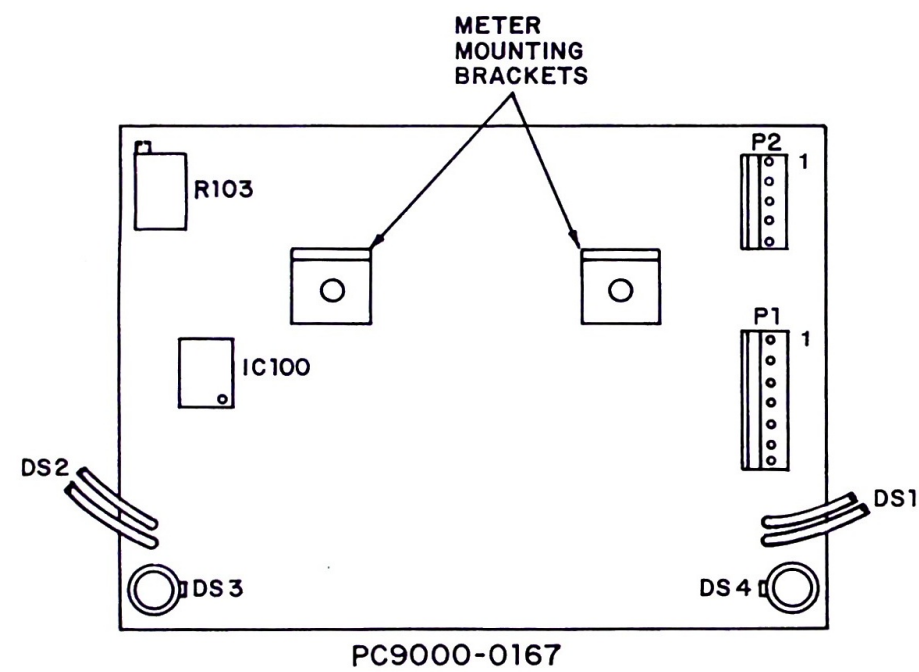
1. ALL DIODES ARE IN4004.
2. ALL SWITCHES ARE SHOWN IN THE NON-ENGAGED POSITION.
3. CHANNELS 3-7 ARE IDENTICAL TO CHANNELS 1, 2 & 8; COMPONENT NUMBERING CONTINUES IN SAME SEQUENCE AS IN CHANNELS 1 & 2.
4. ○ = PADS ON CHANNEL STATUS BOARD (WHERE EXTERNAL CABLE IS SOLDERED).

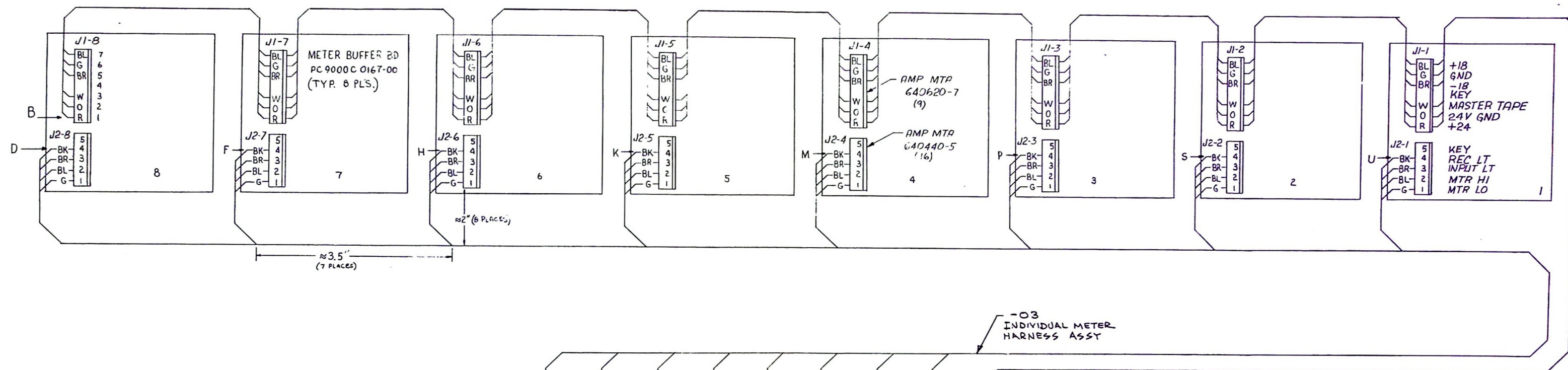


LEGEND
 RR = RECORD READY
 NRR = NON-RECORD READY
 NR = NON-RECORD
 MQ = MASTER CUE
 IQ = INDIVIDUAL CUE
 MI = MASTER INPUT
 MT = MASTER TAPE
 CI = CONDITIONAL INPUT

NOTES: UNLESS OTHERWISE SPECIFIED
 1. ALL SWITCHES ARE SHOWN IN THE NON-ENGAGED POSITION.
 2. ARROWS INDICATE DIRECTION OF CONTROL OR POWER FLOW.
 3. INTERFACE CONNECTOR CODING IS DERIVED BY COMBINING
 LEGEND FUNCTIONS.

Master Switch Board
 SC2500C0231 rev C





OVERALL LENGTH OF WIRES FROM PT. A TO PT. B IS 4'9" WITH MOLEX AT EACH END AND AT APPROXIMATELY EVERY 7".

OVERALL LENGTH OF WIRES FROM PT. C TO PT. D IS APPROX. 36"

FROM PT. E TO PT. F IS APPROX. 35.5"

FROM PT. G TO PT. H IS APPROX. 33"

FROM PT. I TO PT. K IS APPROX. 30.5"

FROM PT. L TO PT. M IS APPROX. 28"

FROM PT. N TO PT. P IS APPROX. 25.5"

FROM PT. R TO PT. S IS APPROX. 23"

FROM PT. T TO PT. U IS APPROX. 20.5"

AMP MTA 640440-B (9)

MTR CONNECTOR BD. PC 9000C 0177-00

-03 INDIVIDUAL METER HARNESS ASSY

22 GA. STRANDED -04 DAISY-CHAIN HARNESS ASSY

WIRE LENGTH FROM PT. X TO PT. W

CH. 1-8 - 71" (-00)
CH. 9-16 - 76" (-01)
CH. 17-24 - 84" (-02)

OTCD - 22 GA - GRJAC

CUE CMD
IND INP
REC COMP
REC LT
MTR LOW
MTR HI
DOLBY INT

J6-1
R O W B G
7 6 5 4 3 2 1

J6-2
R O W B G
7 6 5 4 3 2 1

J6-3
R O W B G
7 6 5 4 3 2 1

J6-4
R O W B G
7 6 5 4 3 2 1

J6-5
R O W B G
7 6 5 4 3 2 1

J6-6
R O W B G
7 6 5 4 3 2 1

J6-7
R O W B G
7 6 5 4 3 2 1

J6-8
R O W B G
7 6 5 4 3 2 1

PC
R O W B G
7 6 5 4 3 2 1

NON-REC +24
+18
24V COMMON
+24
-18
COMMON
MASTER TAPE (CMD)

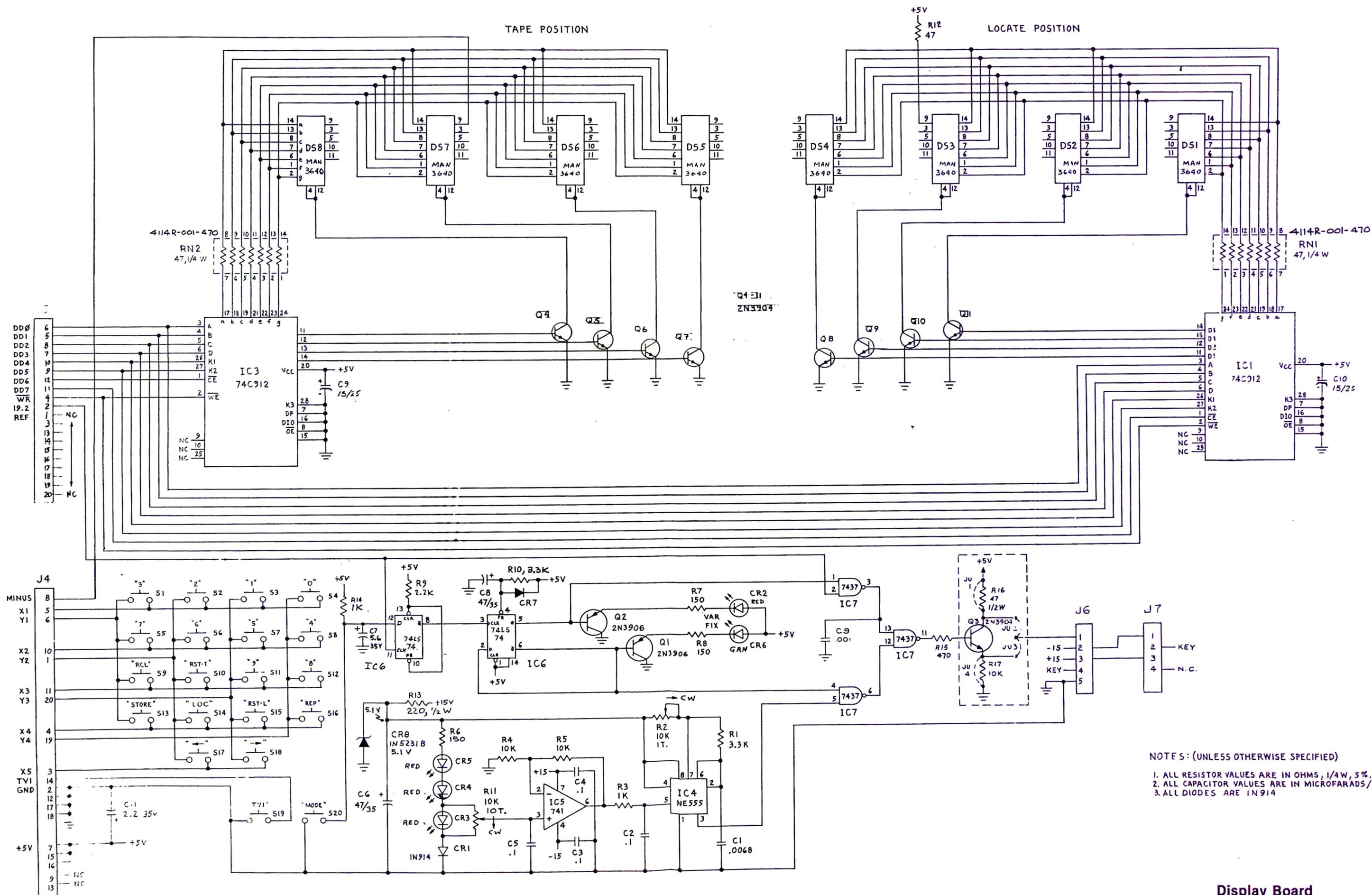
METER POS. 2
04-50-1001 MOLEX

CHANNELS

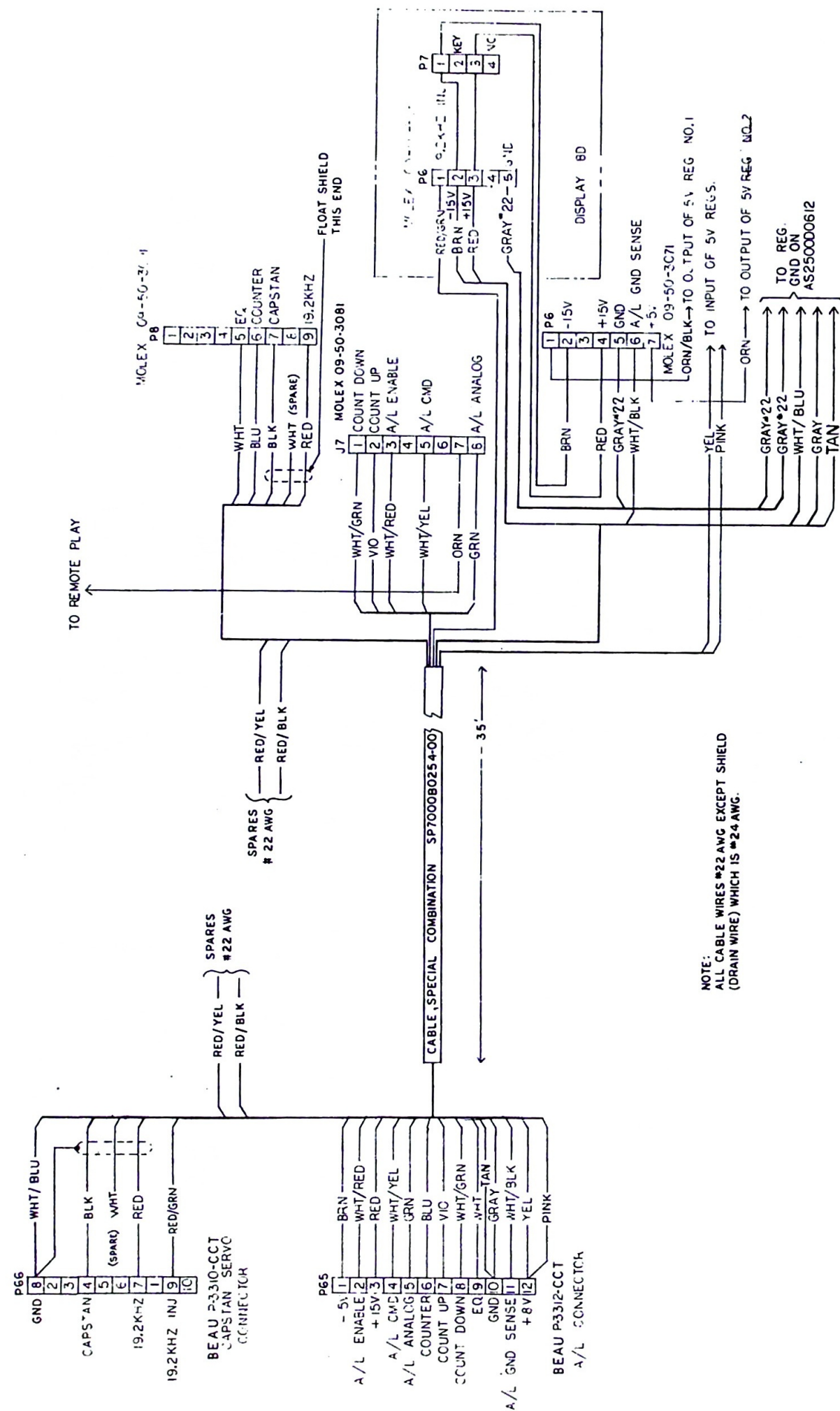
* DASH NO. CHART		
DASH NO.	CHANNELS	NOMENCLATURE
-00	1-8	CABLE ASSY
-01	9-16	CABLE ASSY
-02	17-24	CABLE ASSY
-03	—	INDIVIDUAL METER HARNESS ASSY
-04	—	DAISY-CHAIN HARNESS ASSY

Meter Housing Wire Harness
WD9000D0183 rev E

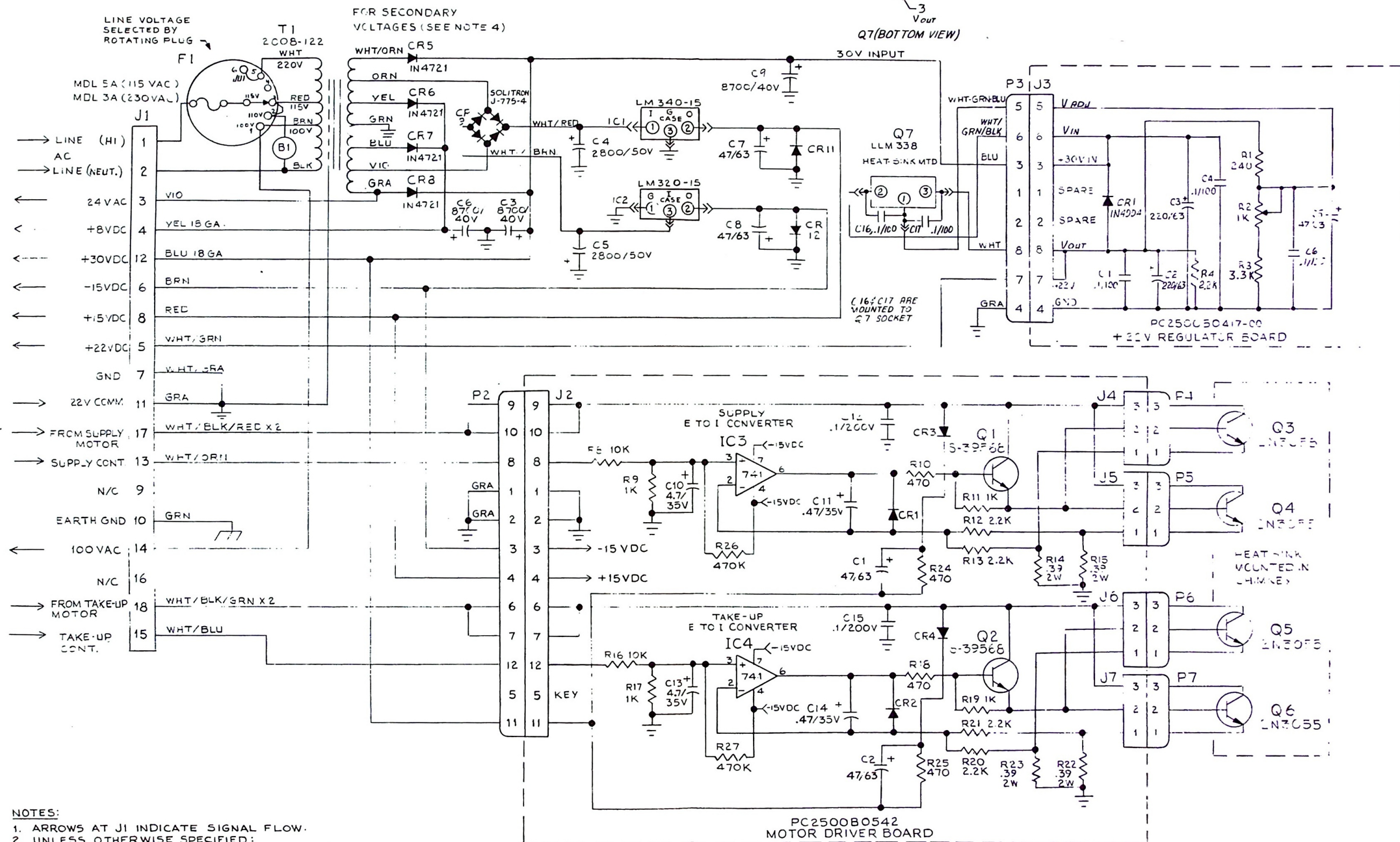


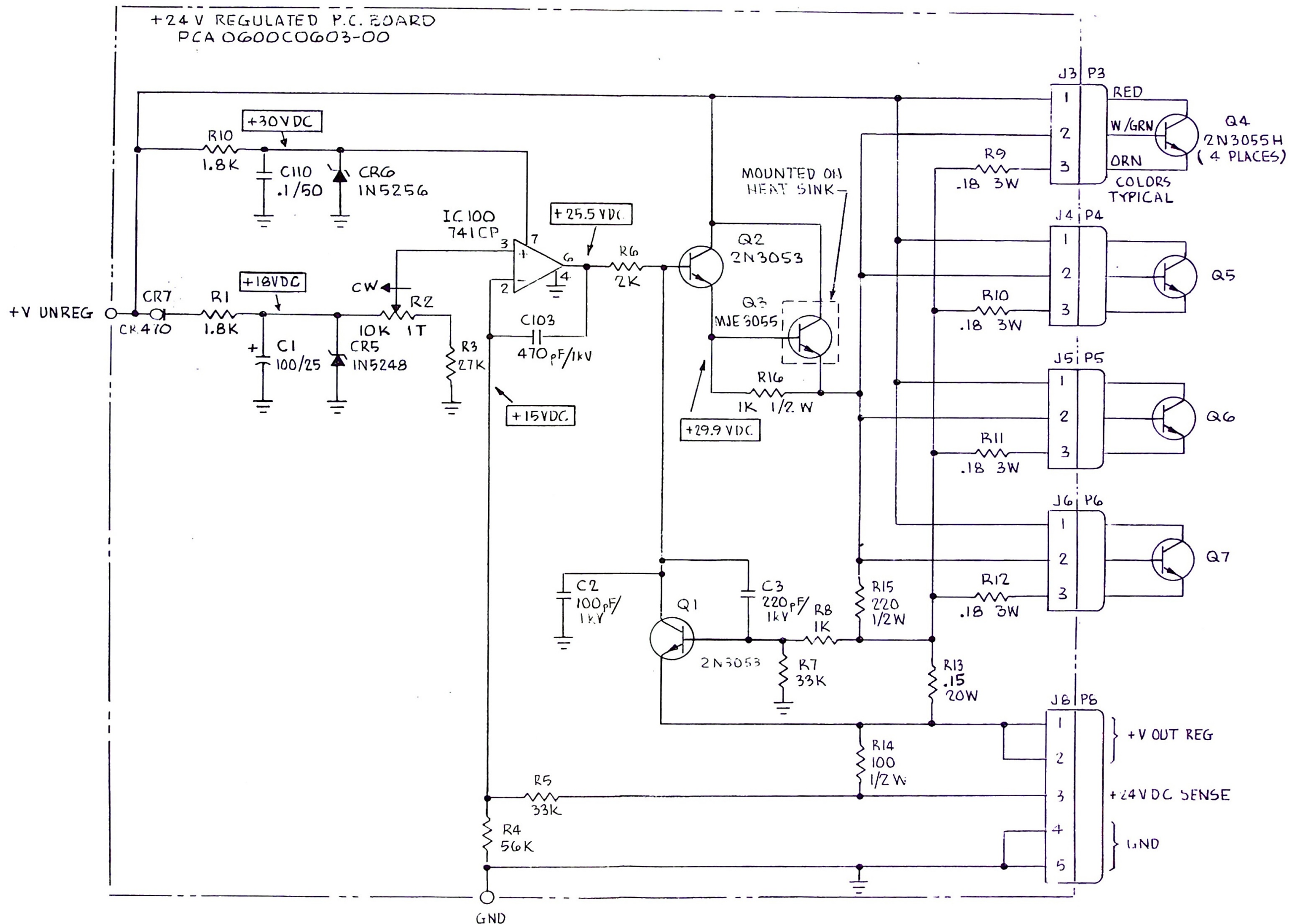


Display Board
SC2500D0610-01 rev I



Remote Cable
WD2500D0631 rev E





NOTES: UNLESS OTHERWISE SPECIFIED.

1. ALL RESISTOR VALUES ARE IN OHMS, 1/4 W, 5%.

2. ALL CAPACITOR VALUES ARE IN MICROFARADS/VOLTS

