

APPENDIX

3

APPENDIX 3
MODEL 26.268-1
DIGITAL VOLTMETER

1. INTRODUCTION

The Model 26.268-1 Digital Voltmeter is identical to the Model 26.268-0 except for the addition of two Model 6.657-0 Buffer Inverter circuit cards. These cards are shown on system schematic Drawing D00 026 0268 0S, Sheet 7. Figures 1 and 2 locate major voltmeter components, while Table 1 presents a summary of the buffered functions on output connector J2.

2. SPECIFICATIONS

Electrical specifications for the Model 26.268-0 apply to the Model 26.268-1, but, because the buffer inverter cards have been added, the BCD output NOT terminals have additional isolation between the driven device and voltmeter digitizing circuitry.

PIN	FUNCTION
1-A	Spare
1-C	Spare
1-B	1's $\bar{1}$
1-D	1's $\bar{2}$
1-F	1's $\bar{4}$
1-H	1's $\bar{8}$
1-K	10's $\bar{1}$
1-M	10's $\bar{2}$
1-P	10's $\bar{4}$
1-S	10's $\bar{8}$
1-U	100's $\bar{1}$
1-W	100's $\bar{2}$
1-Y	100's $\bar{4}$
2-B	100's $\bar{8}$
2-D	1000's $\bar{1}$
2-F	1000's $\bar{2}$
2-H	1000's $\bar{4}$
2-K	1000's $\bar{8}$

Table 1 Output Connector J2
Buffered Pin Functions

3. PARTS LIST

6.657 Buffer Inverter

4. DRAWINGS

<u>Unit or Component</u>	<u>Type of Drawing</u>	<u>Drawing Number</u>
26. 268 Digital Voltmeter	Schematic	D026 0268 0S (Sheets 5 through 8)
	Wiring	D026 0268 0W (Sheets 6 through 10)
6.657-0 Buffer Inverter	Schematic	B00 006 657 0S

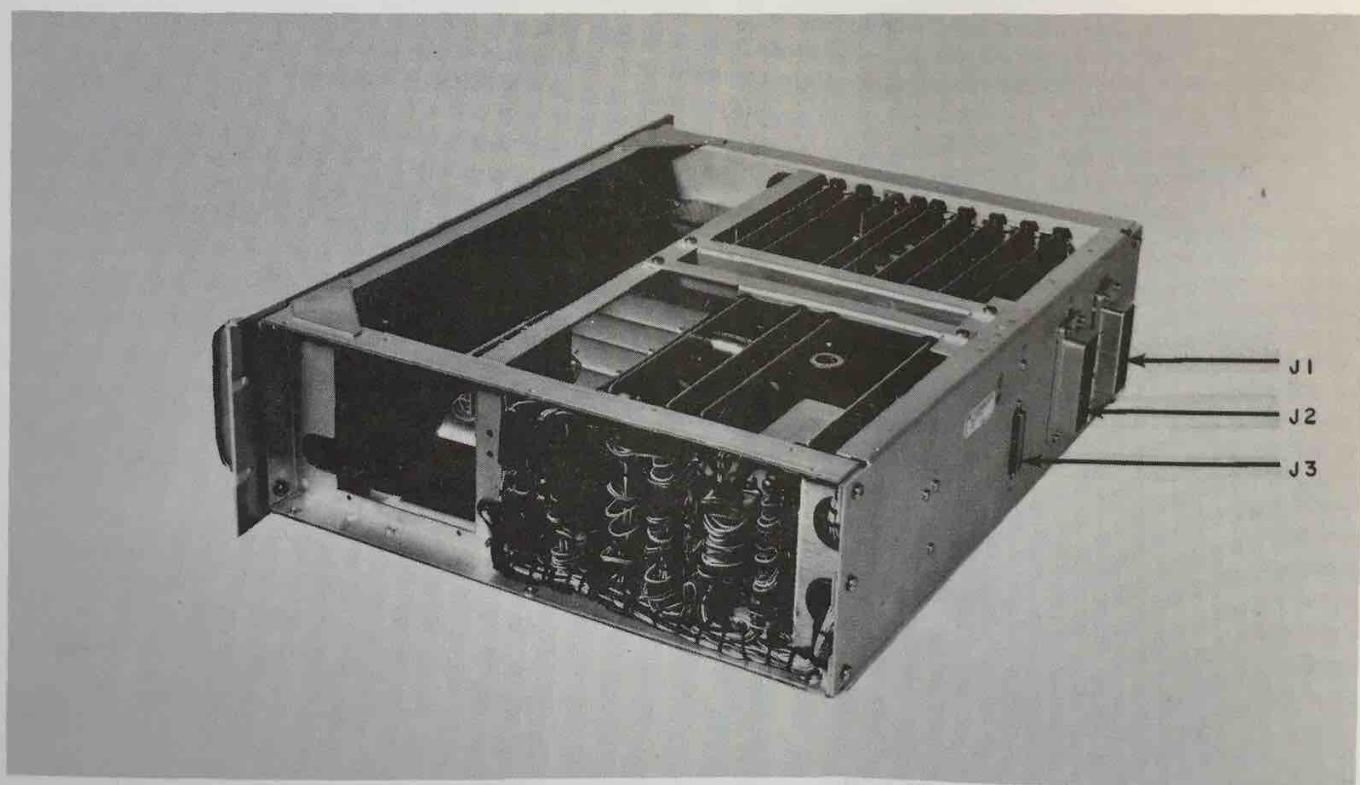


Figure 1.

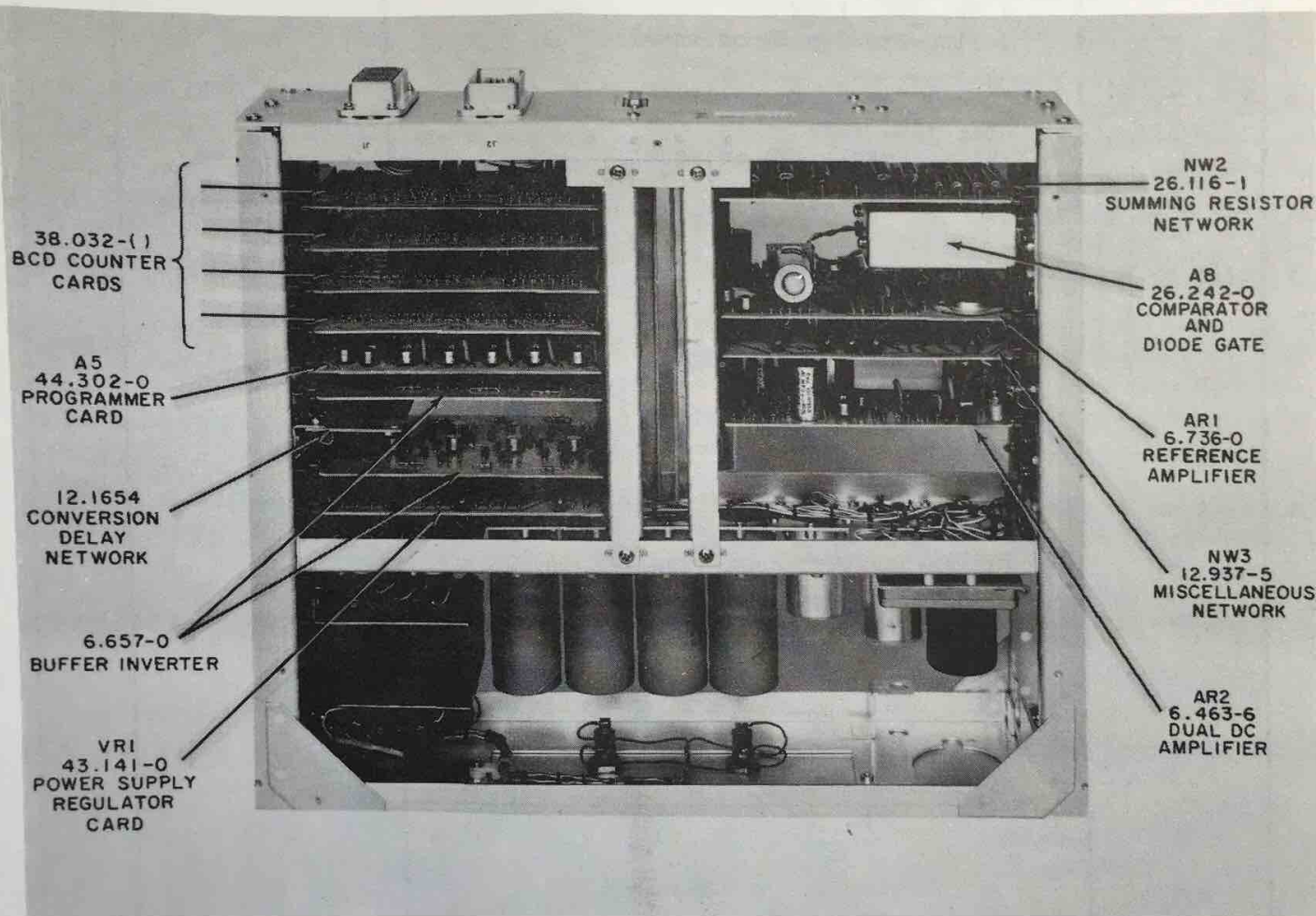
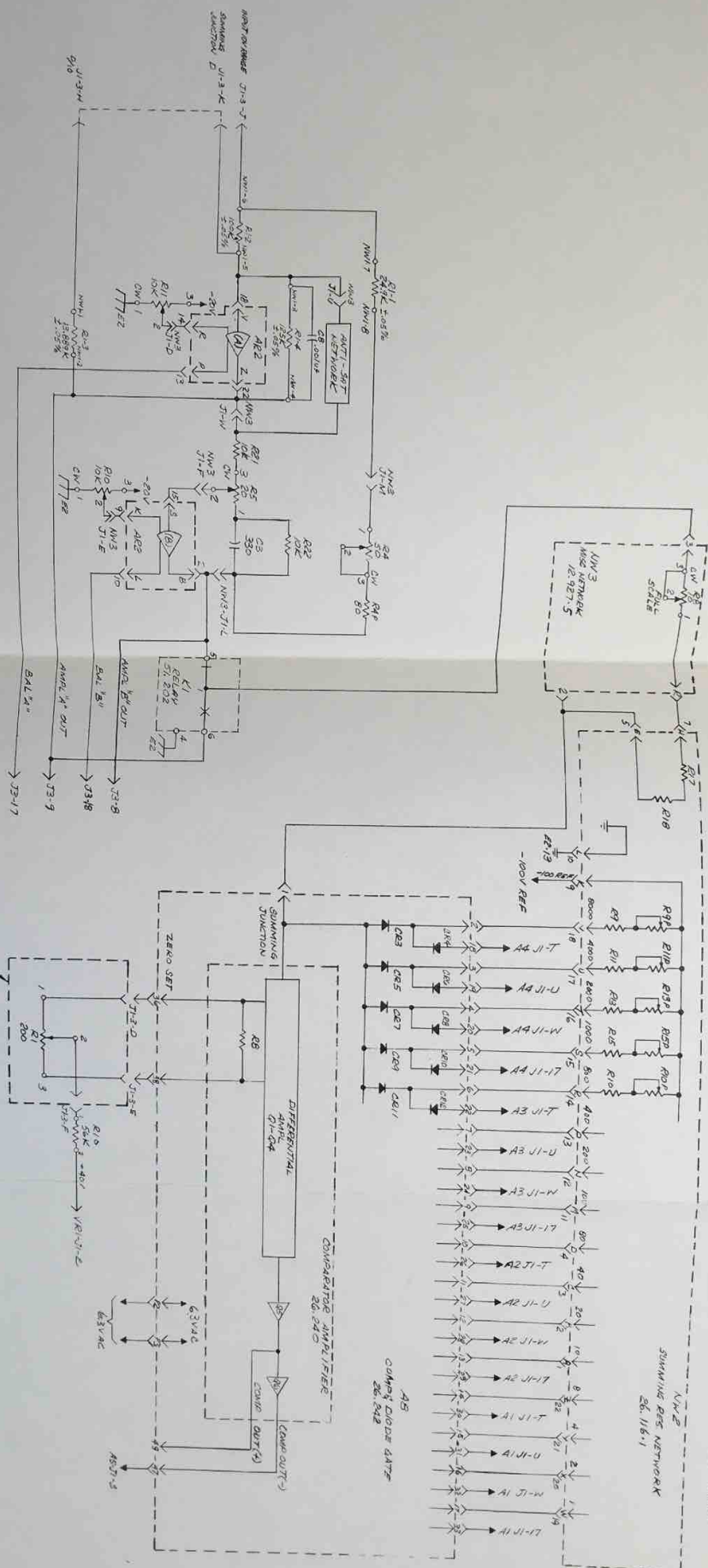


Figure 2.

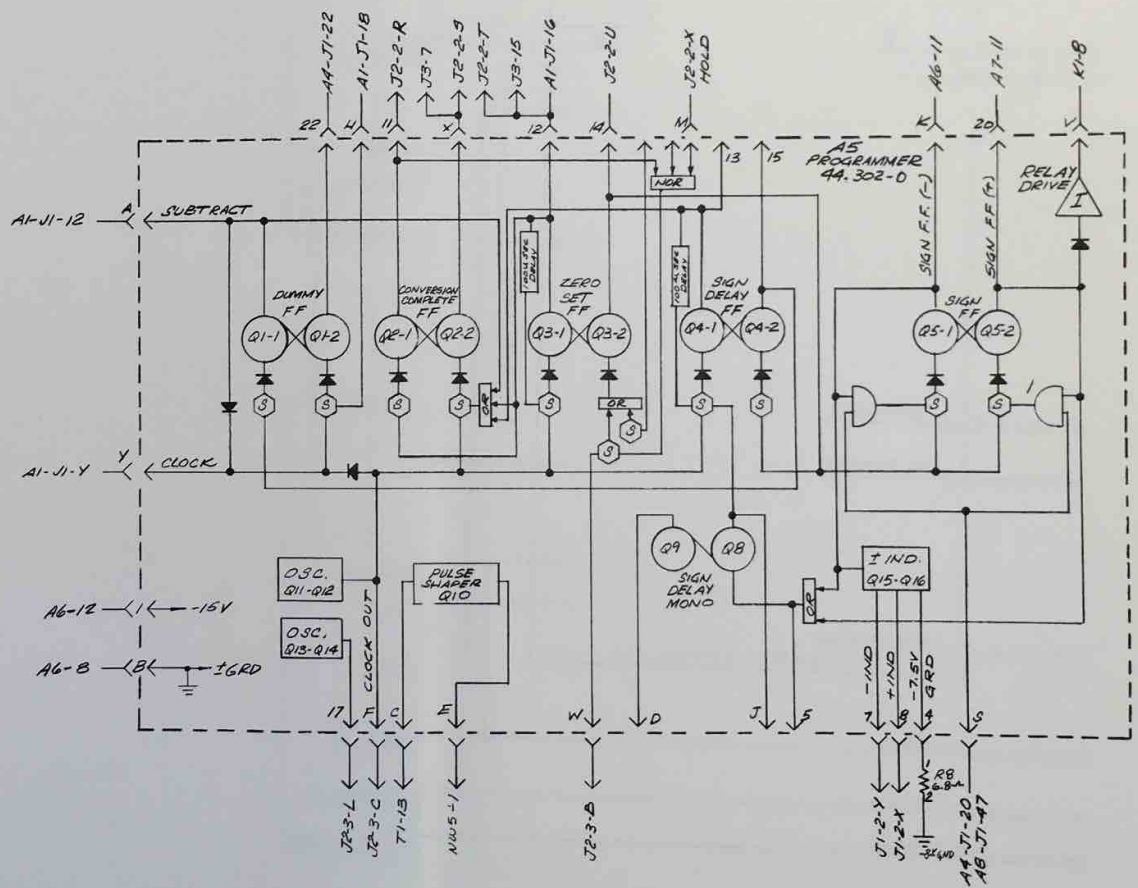
ITEM	REF. DESIG.	DESCRIPTION	EAI NO.	*CAT.
1	R1-1 to 9	Resistor, Fixed, Composition: 10K, $\pm 5\%$, 1/2W (Allen-Bradley EB or equal)	00 626.0103-0	A
2	R2-1 to 9	Resistor, Fixed, Composition: 1.8K, $\pm 5\%$, 1/2W (Allen-Bradley EB or equal)	00 626.0182-0	A
3	R3-1 to 9	Resistor, Fixed, Composition: 68K, $\pm 5\%$, 1/2W (Allen-Bradley EB or equal)	00 626.0683-0	A
4	CR1-1 to 9	Diode	00 614.0043-0	B
5	Q1-1 to 9	Transistor: 2N1308	00 686.0101-0	A
NOTE For 0.6.657-1 version, delete item 1 and add item 6.				
6	R1-1 to 9	Resistor, Fixed, Composition: 1.8K, $\pm 5\%$, 1/2W (Allen-Bradley EB or equal)	00 626.0182-0	A
*NOTE: THE CATEGORY COLUMN IS DESIGNED TO INDICATE AVAILABILITY OF PARTS. A - INDICATES PARTS THAT SHOULD BE PURCHASED LOCALLY. B - INDICATES PARTS THAT SHOULD BE PURCHASED FROM EAI.			UNIT TITLE	
			BUFFER INVERTER	
			MODEL NO.	
DATE 9 / 4 '68			0.6.657-0, -1 Sh. 1 of 1 Sh.	



NOTES:
1. ALL RESISTORS SPECIFIED IN OHMS UNLESS OTHERWISE NOTED.
2. ALL CAPACITORS SPECIFIED IN P.F. UNLESS OTHERWISE NOTED.
3. ALL DIMENSIONS TO BE IN INCHES UNLESS OTHERWISE NOTED.

REVISIONS:
1. ALL DIMENSIONS TO BE IN INCHES UNLESS OTHERWISE NOTED.
2. ALL CAPACITORS SPECIFIED IN P.F. UNLESS OTHERWISE NOTED.
3. ALL DIMENSIONS TO BE IN INCHES UNLESS OTHERWISE NOTED.

ELECTRONIC ASSOCIATES, INC.
1000 BROADWAY, NEW JERSEY
NEW YORK, N.Y. 10004
TELEPHONE: 212-691-1100
TELETYPE: 212-691-1100



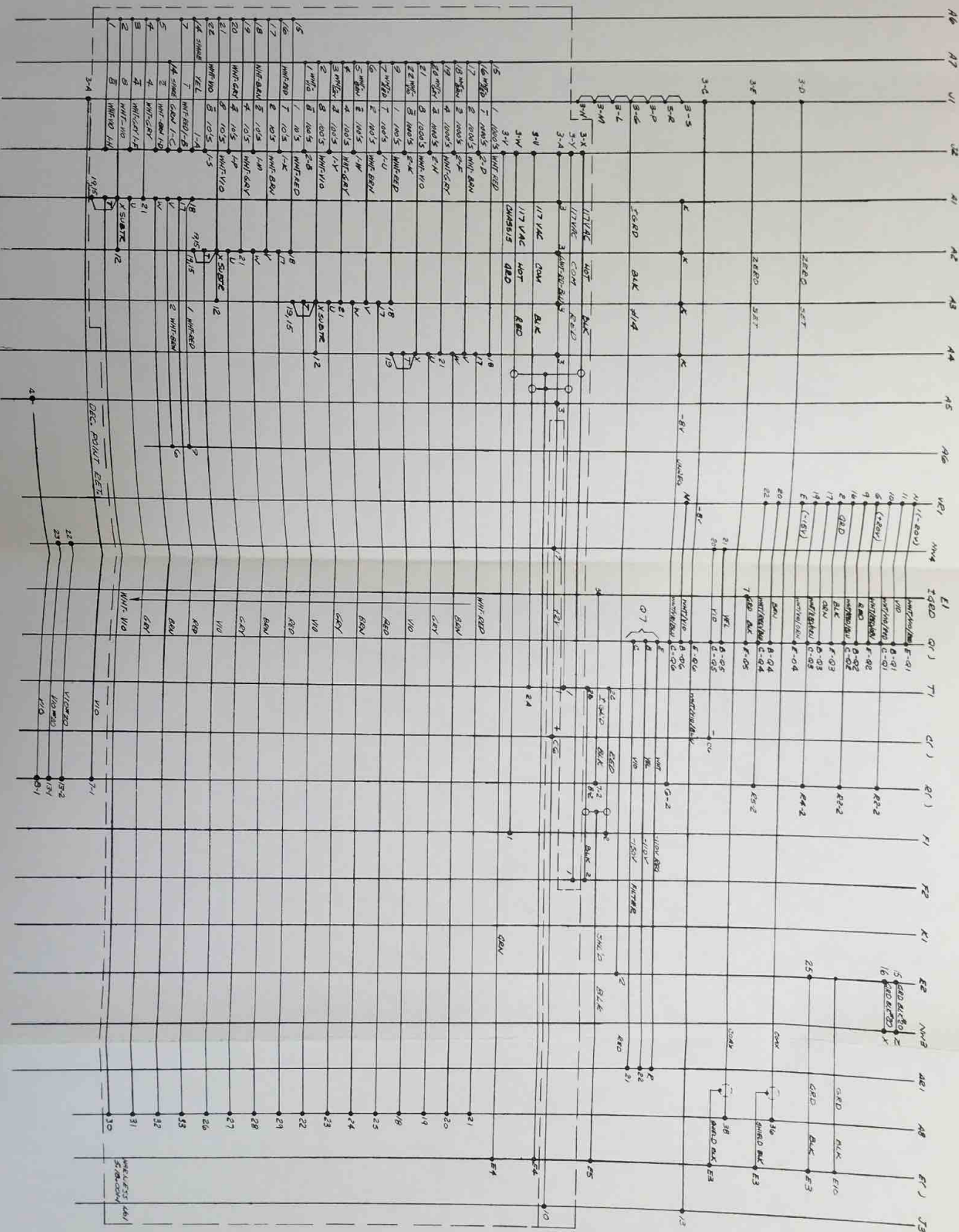
UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 CAPACITANCE IS IN MICROFARADS
 RESISTANCE IS IN OHMS
 TOLERANCE: .01" ± .005 .02" ± .005 .03" ± .005 .04" ± .005 .05" ± .005 .06" ± .005 .07" ± .005 .08" ± .005 .09" ± .005 .10" ± .005
 .125" ± .005 .150" ± .005 .175" ± .005 .200" ± .005 .250" ± .005 .300" ± .005 .350" ± .005 .400" ± .005 .450" ± .005 .500" ± .005
 *TOL. OF MATERIAL SUPPLIED

ELECTRONIC ASSOCIATES, INC.	
LONG BRANCH, NEW JERSEY	
SHT. NO.	
SIZE	
REV. NO.	
PROJECT	
19159	C 026 268 05
SHEET 2 OF 2 SHEETS	

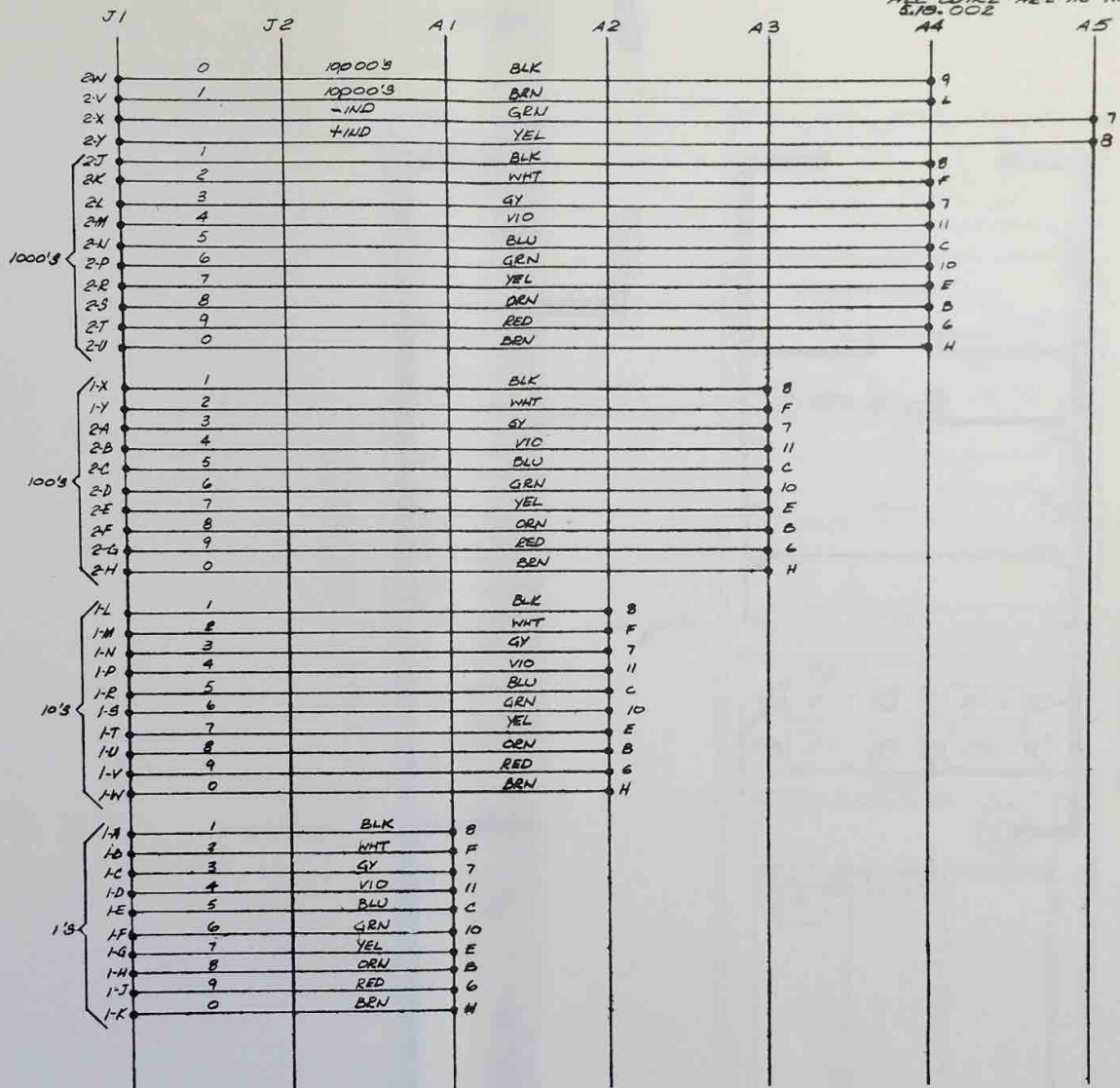
ELECTRONIC ASSOCIATES, INC.	
LONG BEACH, NEW JERSEY	
DATE REC'D	
SITE	
REC'D BY	
INITIALS	
DATE	



1. LILLES OTHELLO'S SPEC. #1110 CALLES
WEEK 11 MAKEUP'S NO. 2 5/8 002

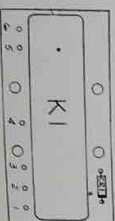
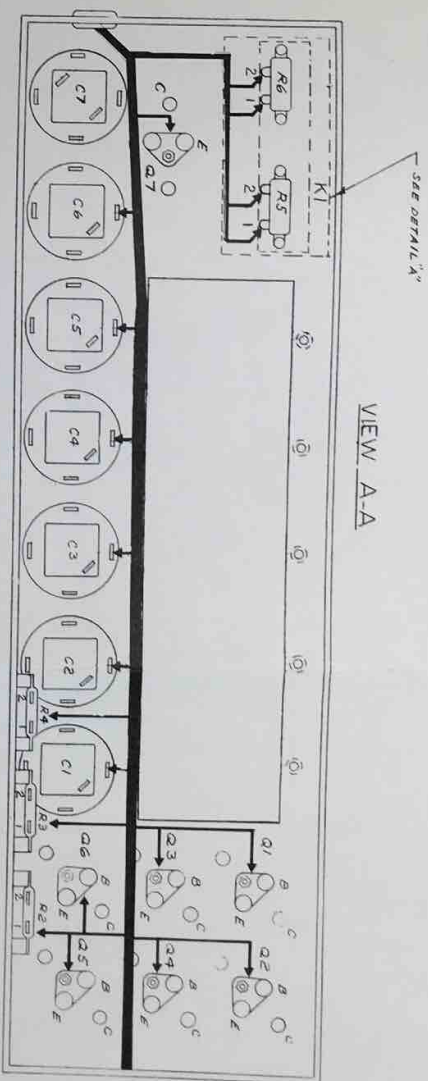


NOTE: 1 UNLESS OTHERWISE SPECIFIED
ALL WIRE ARE IN HARNESS NO. 2
5.10.002



ELECTRONIC ASSOCIATES, INC.	
LONG BRANCH, NEW JERSEY	
SHT. NO.	
SIZE	
REV. NO.	
PROJECT	C 026 200 OH
1957	
SHEET	OF 57 SHEETS



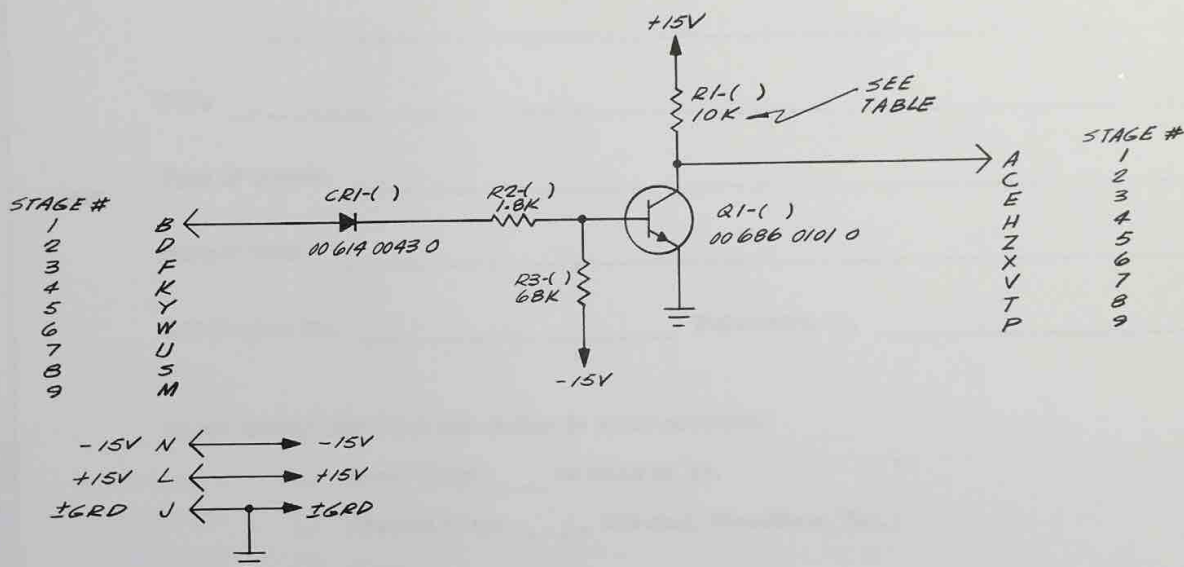


DETAIL "K1"
TOP VIEW

NOTES:

1. UNLESS OTHERWISE SPECIFIED:

- RESISTORS ARE $\pm 10\%$ $\frac{1}{2}W$
- FOR COMPLETE COMPONENT REF. DESIGNATION, ADD STAGE NUMBER IN PARENTHESIS; [ie: R1-(2)]



0.6.0657-1	00 006 0657 15	00 006 0657 1P	AS SHOWN, EXCEPT R1-(1) CHANGES TO 1.8K	00 026 0260 1P	19084
0.6.0657 0A00 006 0657 05	000 006 0657 1P	AS SHOWN		000 026 025A 0P	19084
UNIT NUMBER	SCHEMATIC NUMBER	PARTS LIST & NEXT ASSY.	DESCRIPTION	PARTS LIST USED ON:	PROJECT NUMBER

TABLE OF UNIT NUMBERS

UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
CAPACITANCE IS IN pF	
RESISTANCE IS IN OHMS	
TOLERANCE OF: .X = $\pm .03$.XX = $\pm .02$	
.XXX = $\pm .015$.XXX = $\pm .005$ L = $\pm 1^\circ$	
*TOL. OF MATERIAL SUPPLIED	
EAI	
ELECTRONIC ASSOCIATES, INC. West Long Branch, N.J.	
SCHEMATIC	
BUFFER INVERTER	
SHT. NO.	
SIZE	
REV. NO.	
PROJECT	19084 B00 006 0657 05
SHEET / OF / SHEETS	