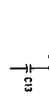




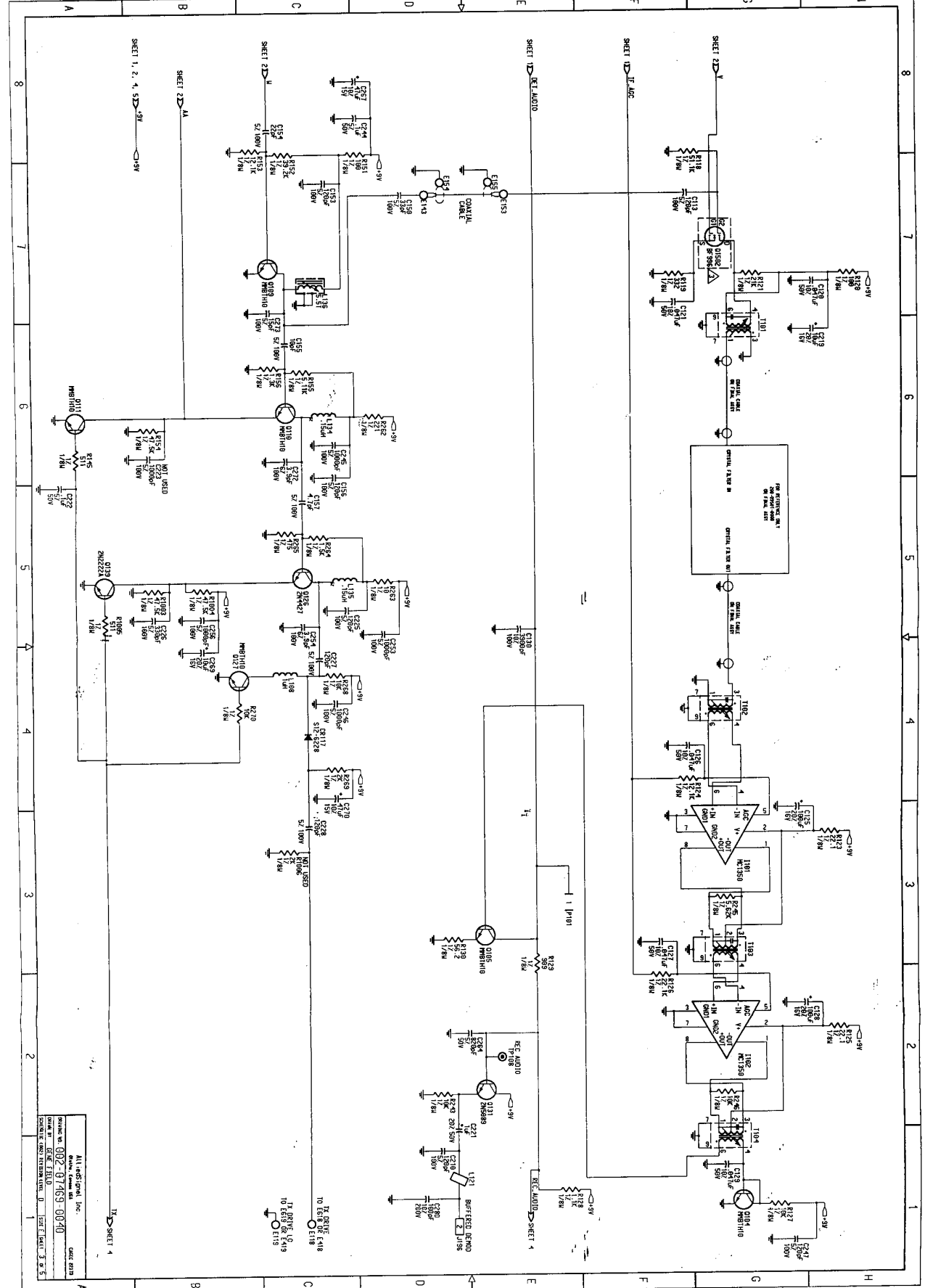
DO NOT CONNECT
SHEET 1000000
SHEET 1000000

DO NOT USE FOUR
POINT CONNECTIONS

USE OF RECT CONNECTIONS



NOTES:
1. TEXT FOR NOTE 1
2. TEXT FOR NOTE 2



THIS PAGE PRINTED JAN 15, 1999, 9:39:23 am

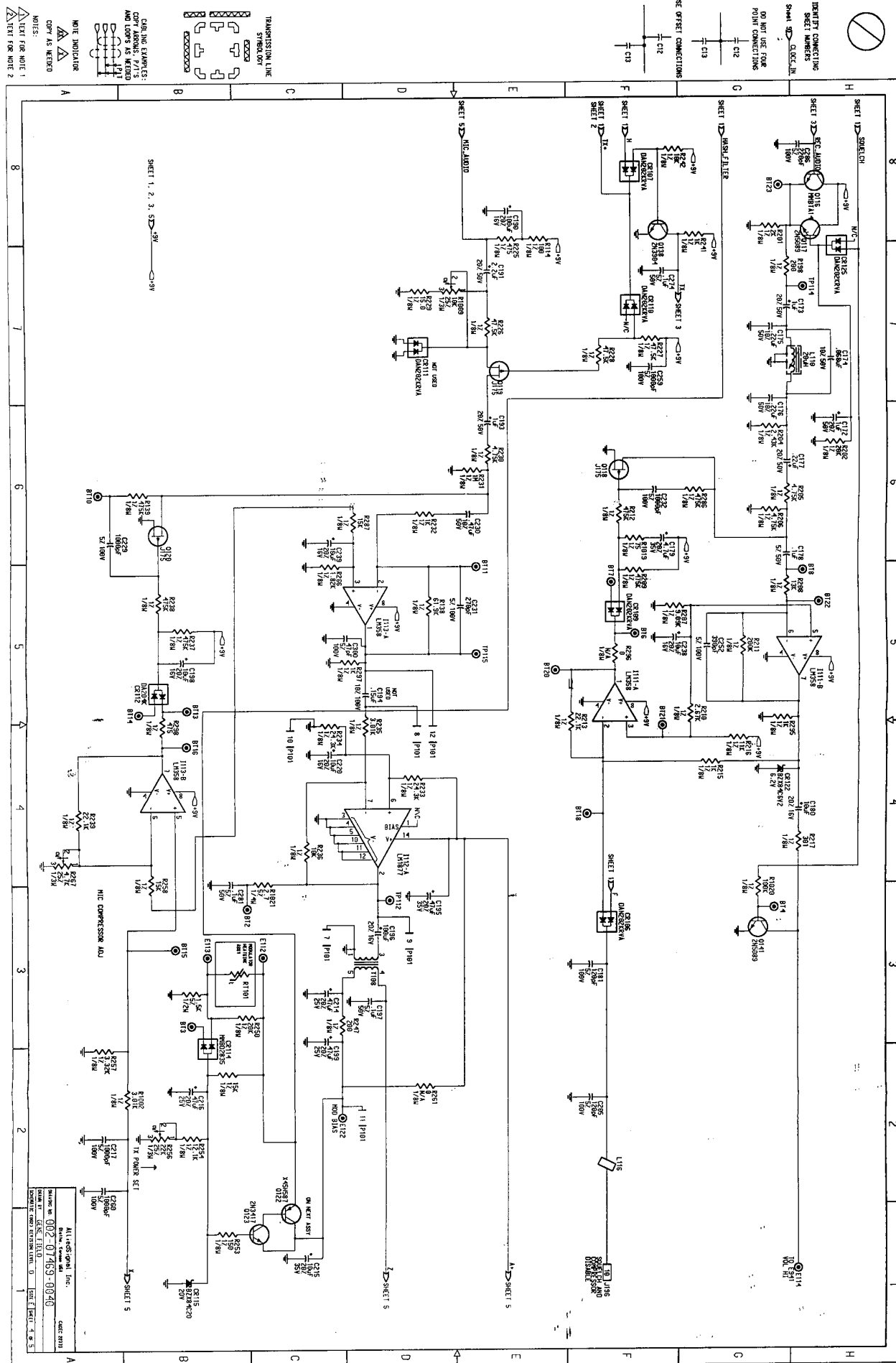
Design Pathname: SEC07074690040R - Esmsg schematic sheet3

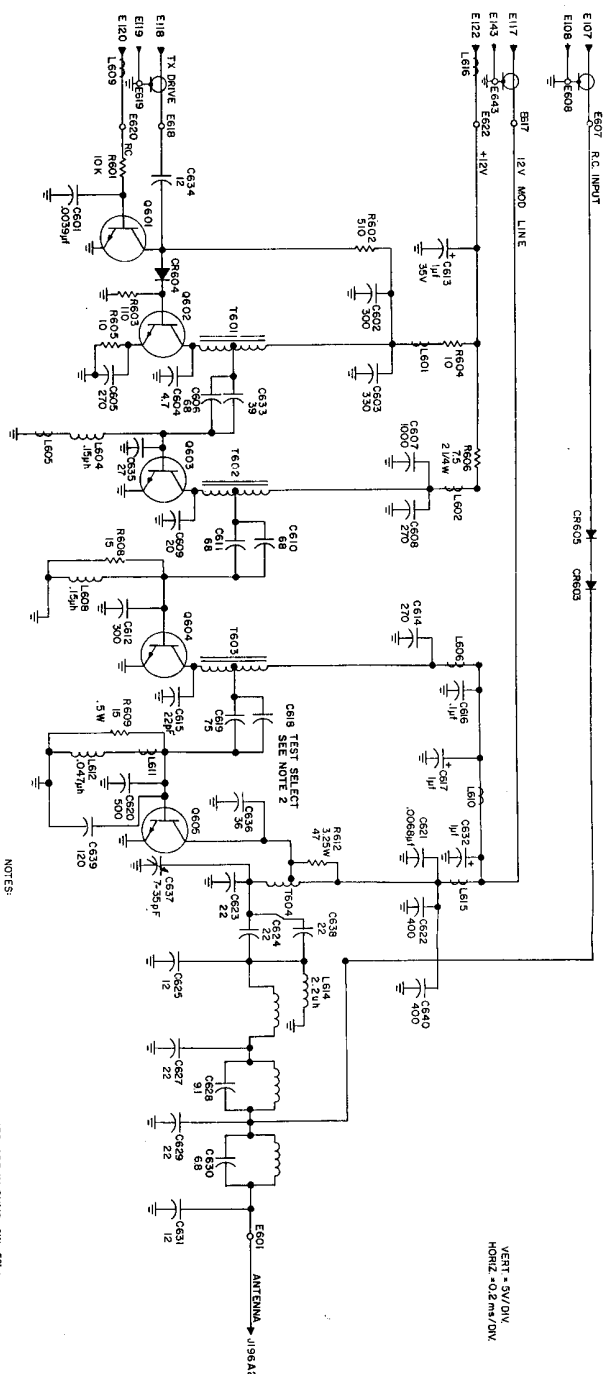
Version: 10

Edited By: Sharon Lust

Last Edit: JAN 15, 1999, 9:38:44 am

Border Rev 02





VERT = 5V/DIV
HORIZ = 0.2ms/DIV

- NOTES:
1. UNLESS NOTED, ALL RESISTANCE VALUES ARE IN OHMS, OM, 5%;
 2. CG18 MAY BE SELECTED FROM THE FOLLOWING VALUES 39PF, 43PF, 47PF.

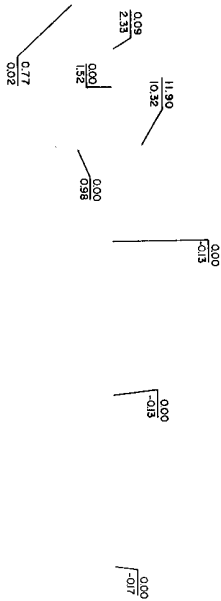
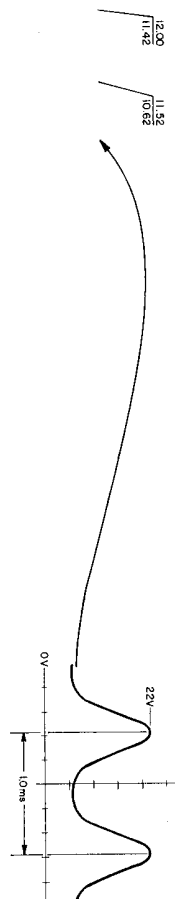
KY 196A			
REF ID	SCALE	UNIT	DESCRIPTION
1	100	dB	ANTENNA
2	100	dB	ANTENNA
3	100	dB	ANTENNA
4	100	dB	ANTENNA
5	100	dB	ANTENNA
6	100	dB	ANTENNA
7	100	dB	ANTENNA
8	100	dB	ANTENNA
9	100	dB	ANTENNA
10	100	dB	ANTENNA
11	100	dB	ANTENNA
12	100	dB	ANTENNA
13	100	dB	ANTENNA
14	100	dB	ANTENNA
15	100	dB	ANTENNA
16	100	dB	ANTENNA
17	100	dB	ANTENNA
18	100	dB	ANTENNA
19	100	dB	ANTENNA
20	100	dB	ANTENNA
21	100	dB	ANTENNA
22	100	dB	ANTENNA
23	100	dB	ANTENNA
24	100	dB	ANTENNA
25	100	dB	ANTENNA
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99	100	dB	ANTENNA
100	100	dB	ANTENNA

REF 200-06047-0010
300-06047-0010

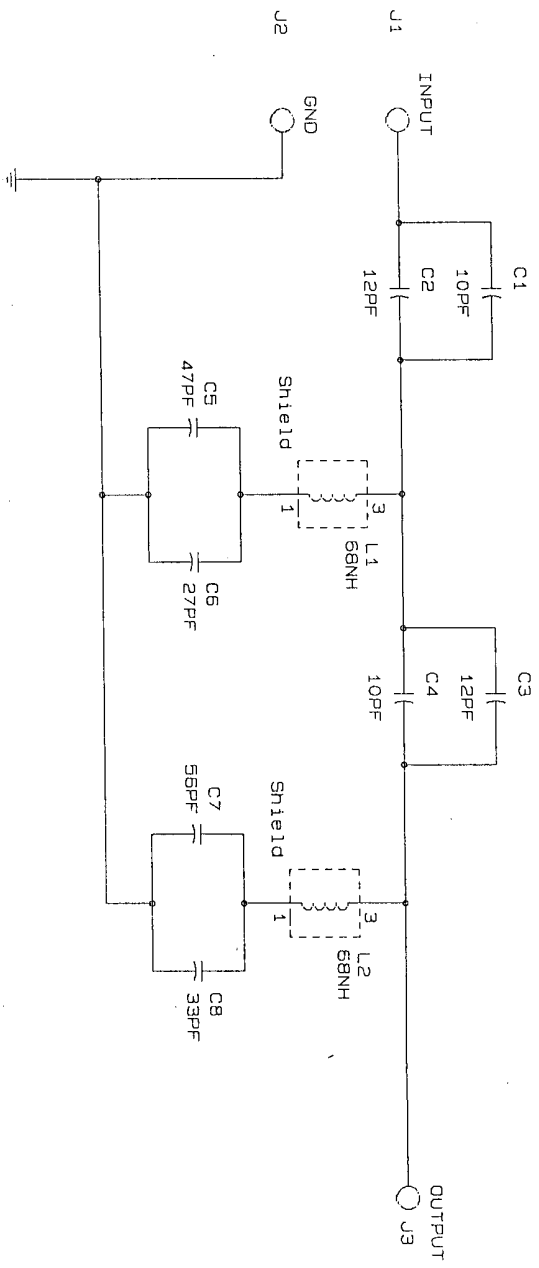
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KY196A TRANSMITTER BOARD



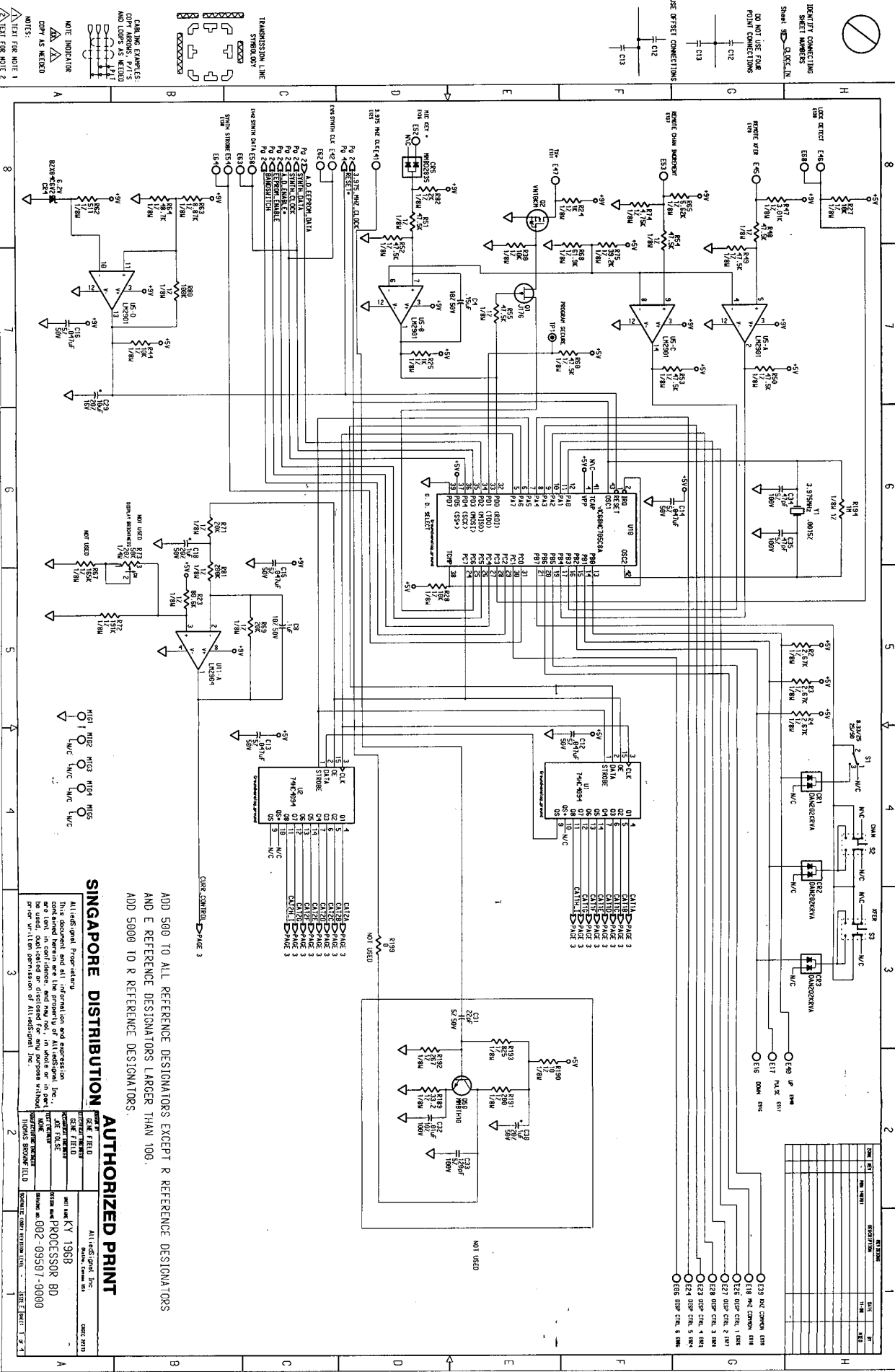
3. VOLTAGES ABOVE LINE: REC MODE
 VOLTAGES BELOW LINE: XMIT MODE
 VOLTAGES TAKEN WITH FLIKE 2000A.



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IDENTITY CONNECTING
SHEET MARKERS
DO NOT USE FOUR
POINT CONNECTIONS

USE OFFSET CONNECTIONS

TRANSMISSION LINE
SYMBOLS

CAUTION: EXAMPLES
AND LOGS AS REQUIRED

NOTE INDICATOR
COPY AS REQUIRED

NOTES:
A: TEST FOR NOTE 1
B: TEST FOR NOTE 2

ADD 500 TO ALL REFERENCE DESIGNATORS EXCEPT R REFERENCE DESIGNATORS
AND E REFERENCE DESIGNATORS LARGER THAN 100.
ADD 5000 TO R REFERENCE DESIGNATORS.

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DATE 10/15/00 BY 60322 UCBAW/STP

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RELEASED BY: Cindy Nied

RELEASE DATE: Nov 4, 1998

FILED BY: Stan Edmondson

LAST EDIT: APR 1, 1998, 8:50:44 am

Border Rev 02

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IDENTIFY CONNECTING
SHEET ADDRESS
Sheet 02 CLK.CLK.IN

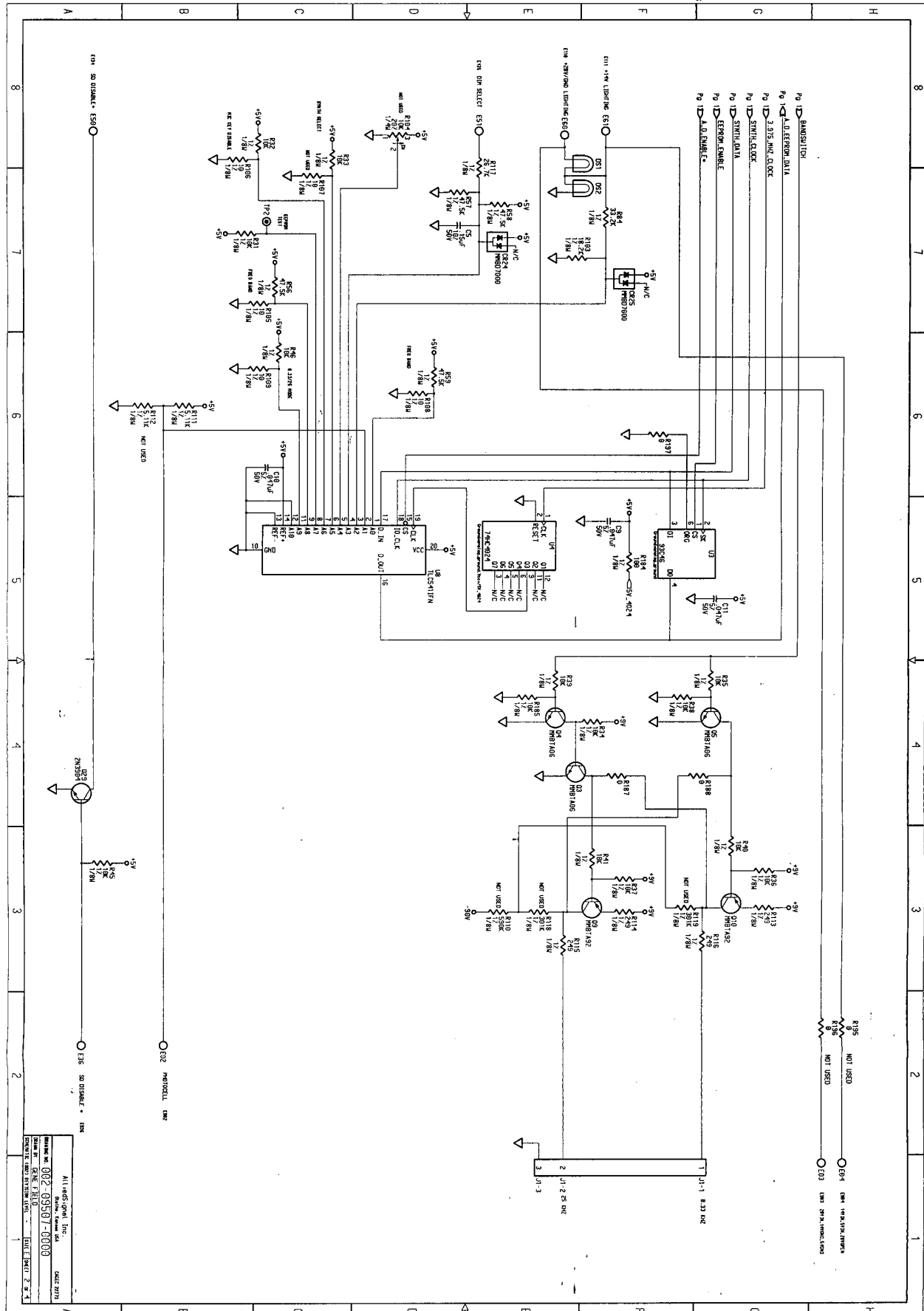
DO NOT USE FROM
POINT CONNECTIONS

USE OFFSET CONNECTIONS

USE OFFSET CONNECTIONS

TRANSMISSION LINE
SYMBOLS

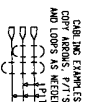
NOTE INDICATOR
COPY AS NEEDED
NOTES:
TEXT FOR NOTE 1
TEXT FOR NOTE 2





IDEALITY CONNECTIONS
DO NOT USE FOR
POINT CONNECTIONS

USE OFFSET CONNECTIONS

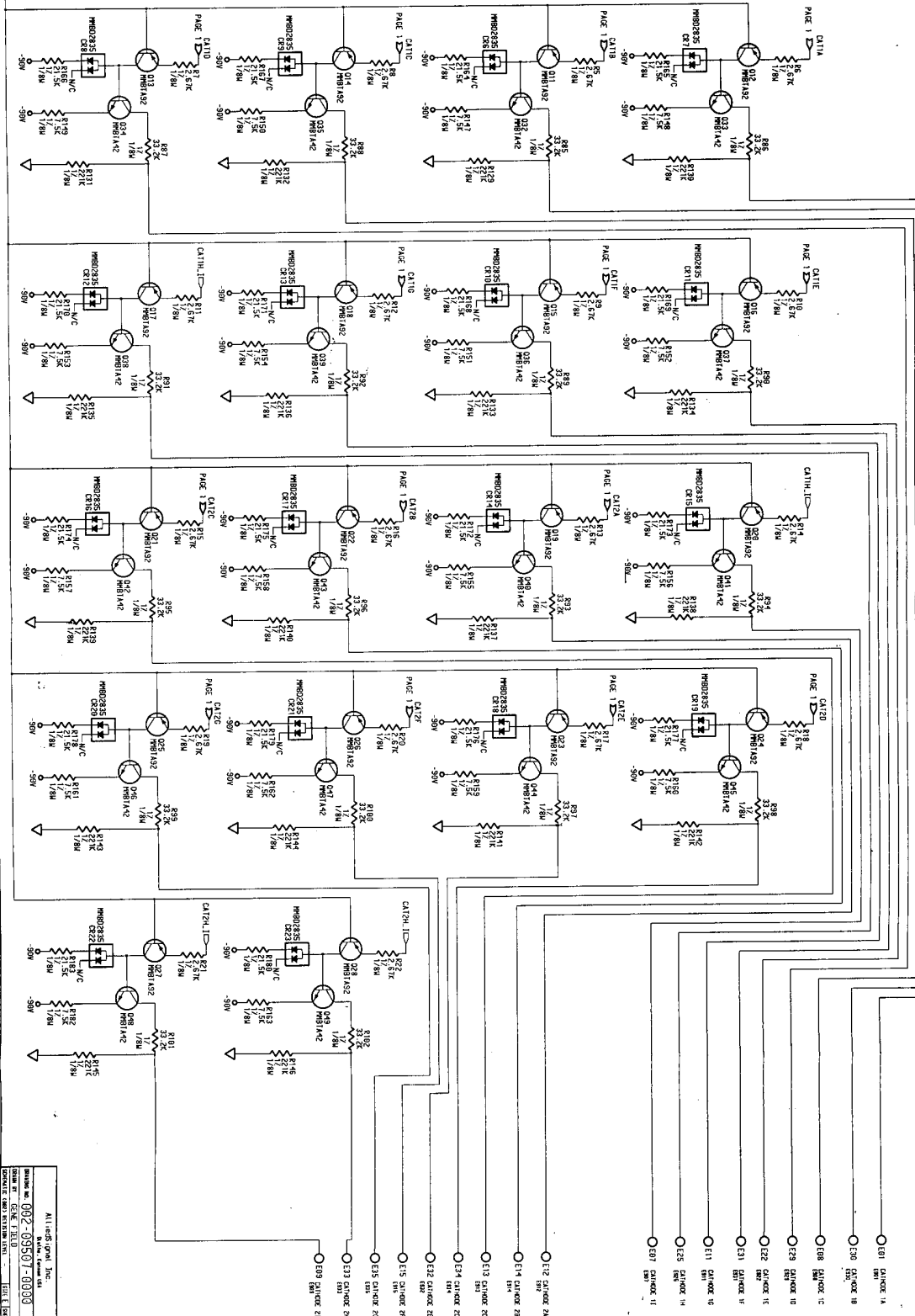


TRANSMISSION LINE
SYMBOLS

NOTE: THE EXHIBITS
DO NOT INCLUDE
AND DO NOT
COPY AS METER

NOTES:
TEST FOR NOTE 1
TEST FOR NOTE 2

DATA1
PAGE 1
DATA1
PAGE 1



THIS PAGE PRINTED NOV 9, 1998, 1:29:19 pm

Design Pathname: SPCBOLD/0950700009...U.mgc schematic sheet3

Monitor Version: 6

Edited By: CINDY NIED

Last Edit: NOV 9, 1998, 12:45:14 pm

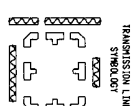
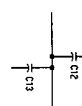
Border Rev 02



IDENTIFY CONNECTIONS
SHEET NUMBER
Sheet 1 of 2

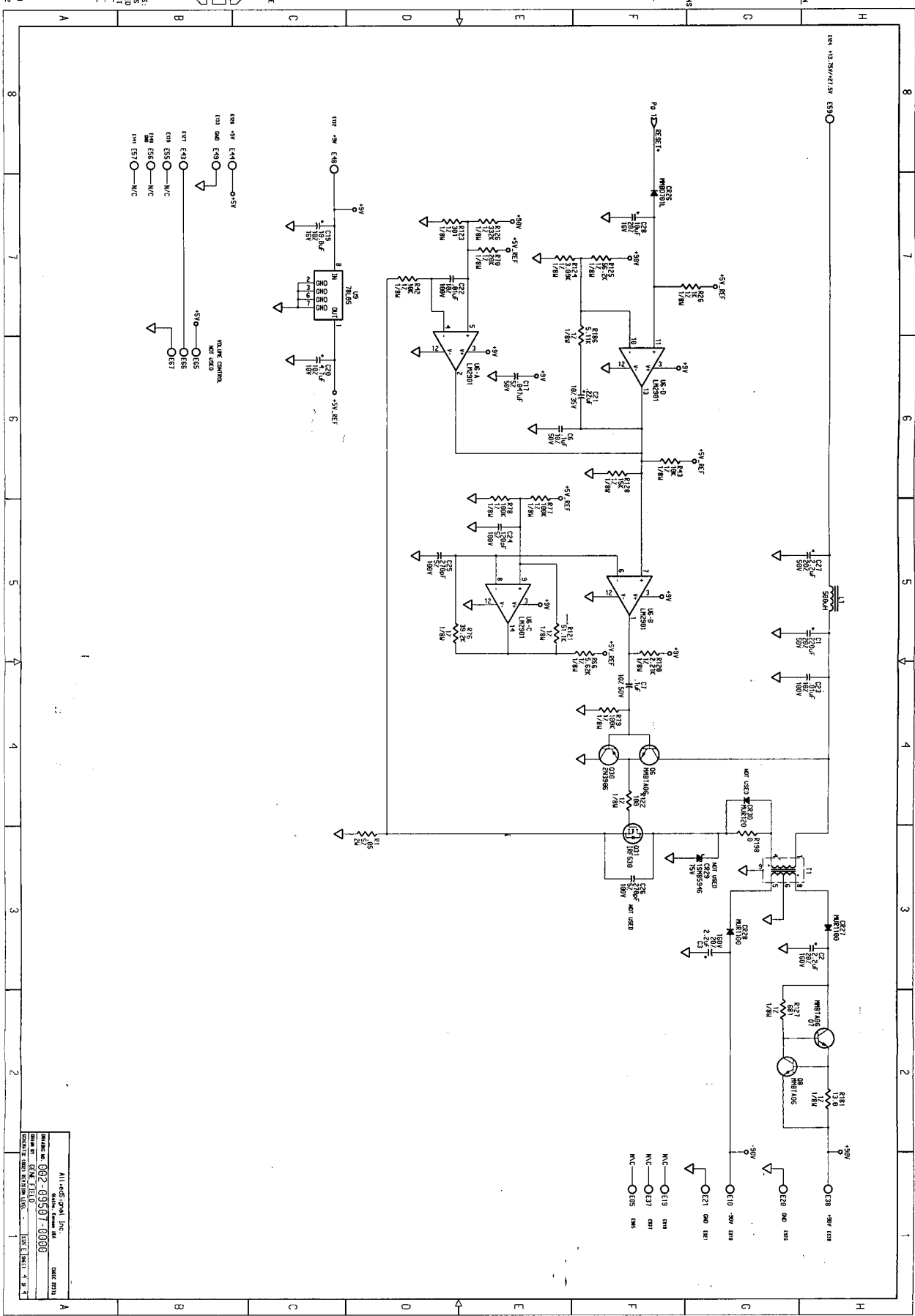
DO NOT USE FOR
PRINT CONNECTIONS

USE OFFSET CONNECTIONS
C12
C13



CABLE LINE EXAMPLES:
COPY ABOVE P/T'S
AND LOOPS AS NEEDED

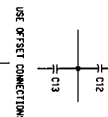
NOTE INDICATOR
COPY AS NEEDED
NOTES:
TEXT FOR NOTE 1
TEXT FOR NOTE 2





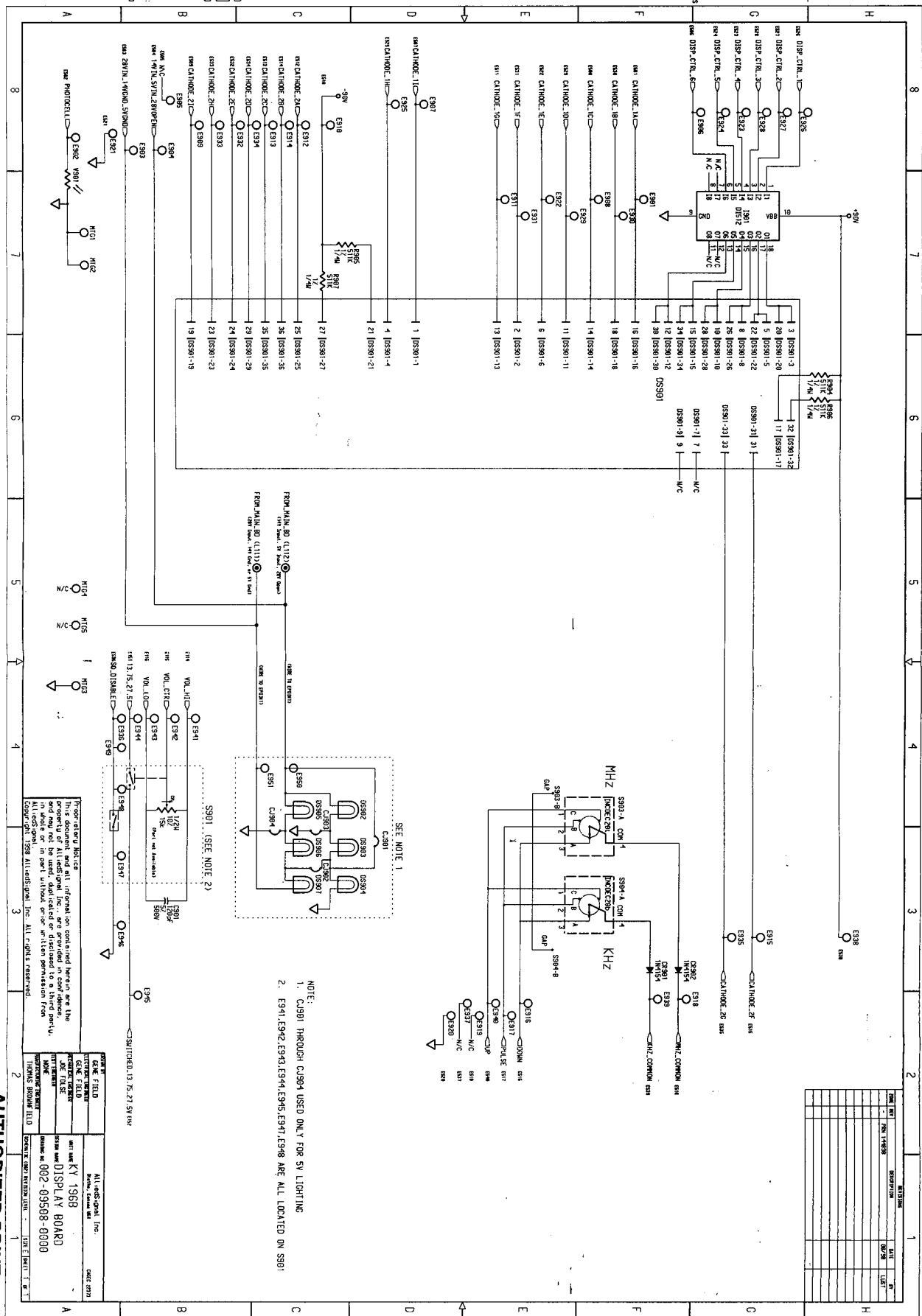
IDENTIFY CONNECTING
SHEET NUMBERS
Sheet 32 of 32, OK, IN

DO NOT USE FOR
POINT CONNECTIONS



USE OTHER CONNECTIONS

NOTE INDICATOR
COPY AS NOTED
NOTES:
TEXT FOR NOTE 1
TEXT FOR NOTE 2



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IDENTIFY CONNECTING
SHEET WORKS
Sheet 3 of 3, 0.05, 1.00

DO NOT USE FOUR
POINT CONNECTIONS

USE OFFSET CONNECTIONS

USE OFFSET CONNECTIONS
C12
C13

TRANSMISSION LINE
SYMBOL OUT



CABLE LINE EXAMPLES:
COPY ARROWS, P/1/3
AND LOOPS AS REQUIRED

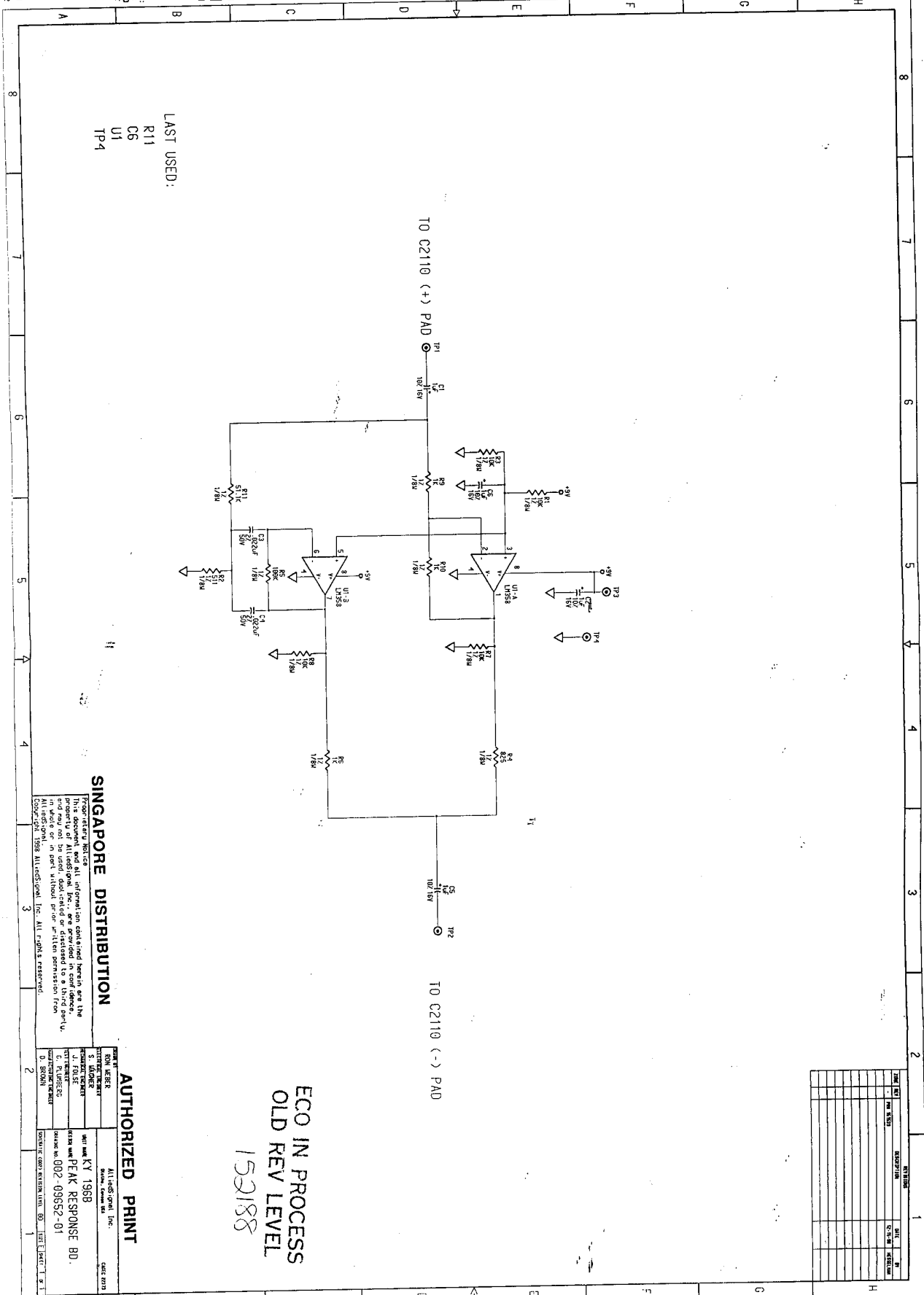


NOTE INDICATOR

COPY AS REQUIRED

NOTES:

TEXT FOR NOTE 1
TEXT FOR NOTE 2



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NAME	RON DEER	ALLIED OPT. INC.	DATE 01/11
DESIGNER	U. FOLSE		
CHECKED BY	U. FOLSE		
DATE	15/01/98		
REVISION	002-09652-01		
DATE	15/01/98		
REVISION	002-09652-01		
DATE	15/01/98		
REVISION	002-09652-01		

THIS PAGE PRINTED DEC 18, 1998, 3:56:48 pm

Design Pathname
\$PCB\$HOLD/096520000R-_-R.mgc schematic sheet1

Model Version
11

RELEASED BY:	MECHELLE HESSELMAN	RELEASE DATE:	12-15-98
EDITED BY:	MECHELLE HESSELMAN	LAST EDIT:	DEC 18, 1998, 3:56:32 pm

Border Rev 02



IDENTIFY CONNECTING
SHEET NUMBERS
Sheet 1 of 2

DO NOT WRITE FORM
FOR CONNECTIONS

USE OFFSET CONNECTIONS

C12
C13

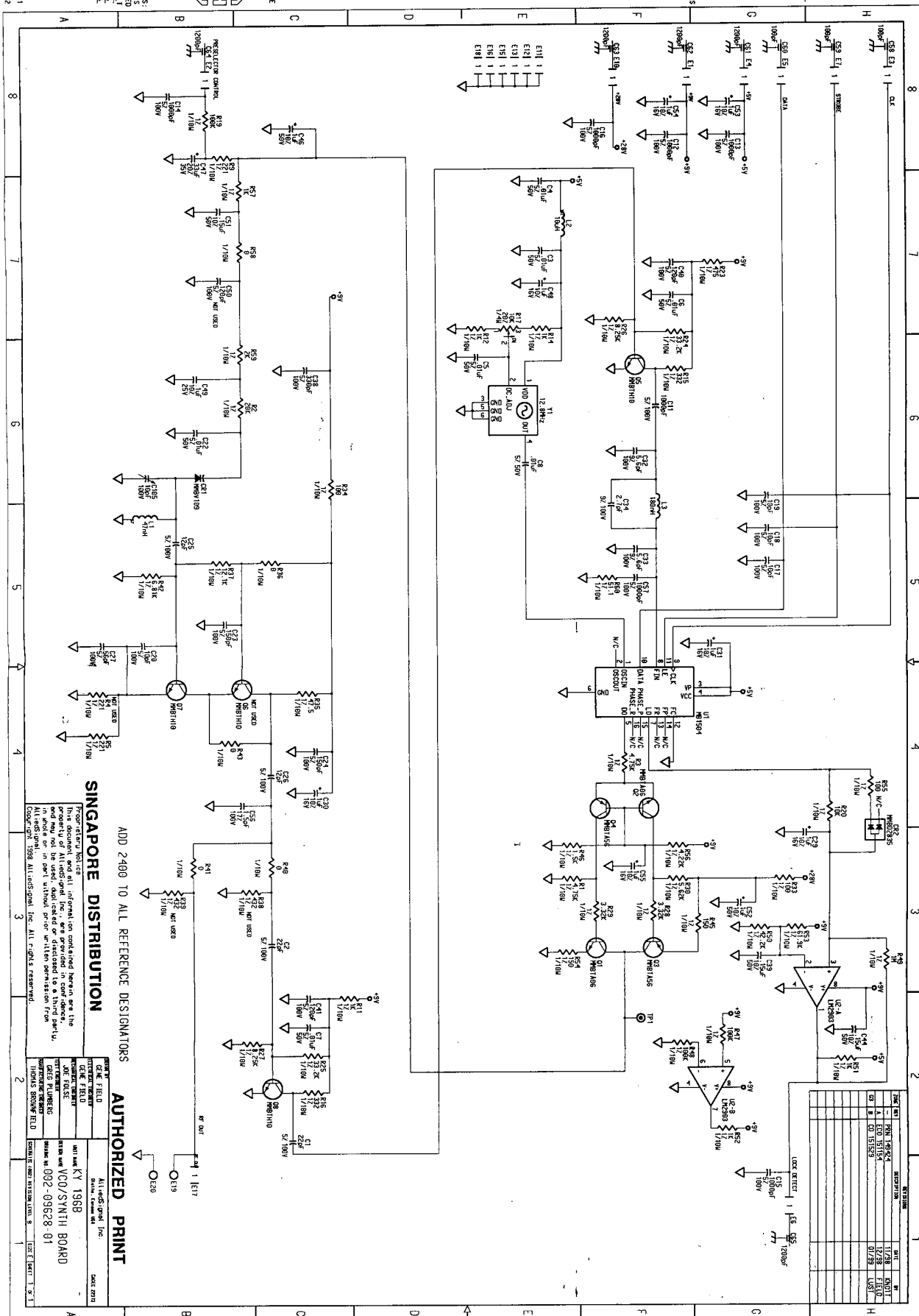
TRANSMISSION LINE
SYNTHESIS

COAXIAL CABLES
COPY ADDRESS, P.T.S.
AND LOOPS AS NOTED

WRITE INDICATOR
COPY AS NOTED

NOTES:
TEXT FOR NOTE 1
TEXT FOR NOTE 2

TEXT FOR NOTE 1
TEXT FOR NOTE 2



THIS PAGE PRINTED JAN 6, 1999, 10:00:38 am

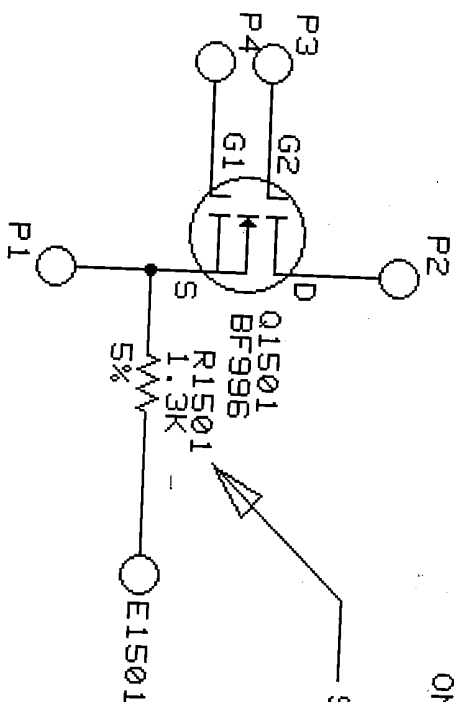
Design Pathname: SCN1/096280001R_A.E.mgc schematic sheet1

Monitor Version: 5

RELEASED BY: Gene Field
Edited By: Sharon Lust

RELEASE DATE: DEC 21, 1998
Last Edit: JAN 6, 1999

Border Rev 02

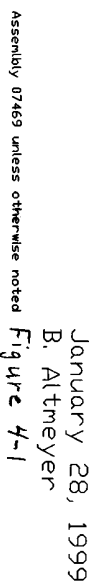


NOTES: R1501 NOT USED
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NEXT ASSY:					UNIT:				
LIMITED SIGNAL					KING RADIO CORPORATION OLATHE, KANSAS 66062				
NAME RF AMP BD.					SIZE A				
EE J.W.B					ARCH FILE: 850600X1				
ME M.S.					ARCH DIR:				
DATE 9-19-90					SHT 1 OF 1				
NUMBER 002-08506-0000									
REV C.O.N.D. DATE BY									
1 91374 4/2/91 CSJ					DRN J. GRIBBLE				
AA 141829 7/10/98 GRT									

AUTHORIZED PRINT 1

Receiver



January 28, 1999
B. Altmeyer

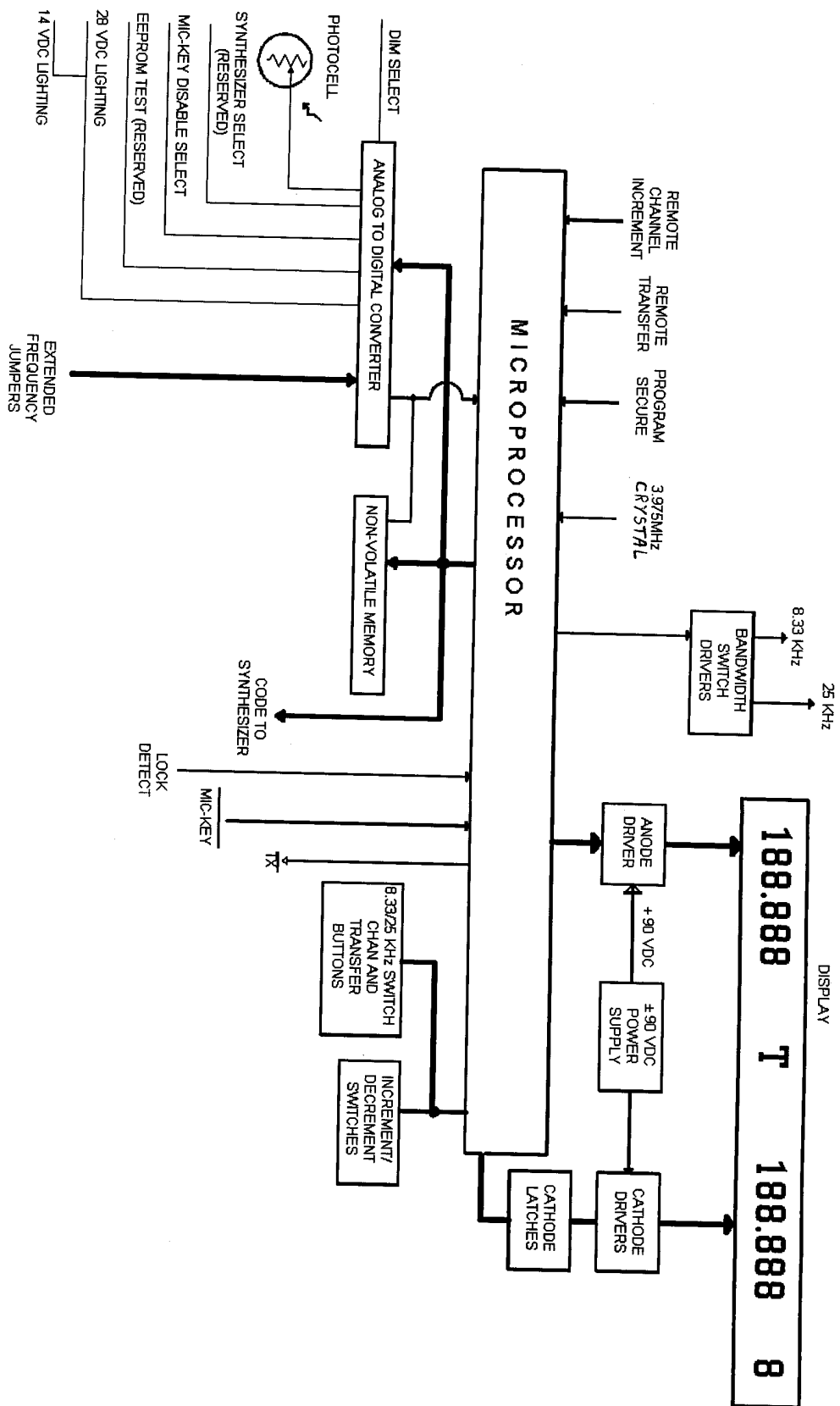


Figure 4-2
1-99