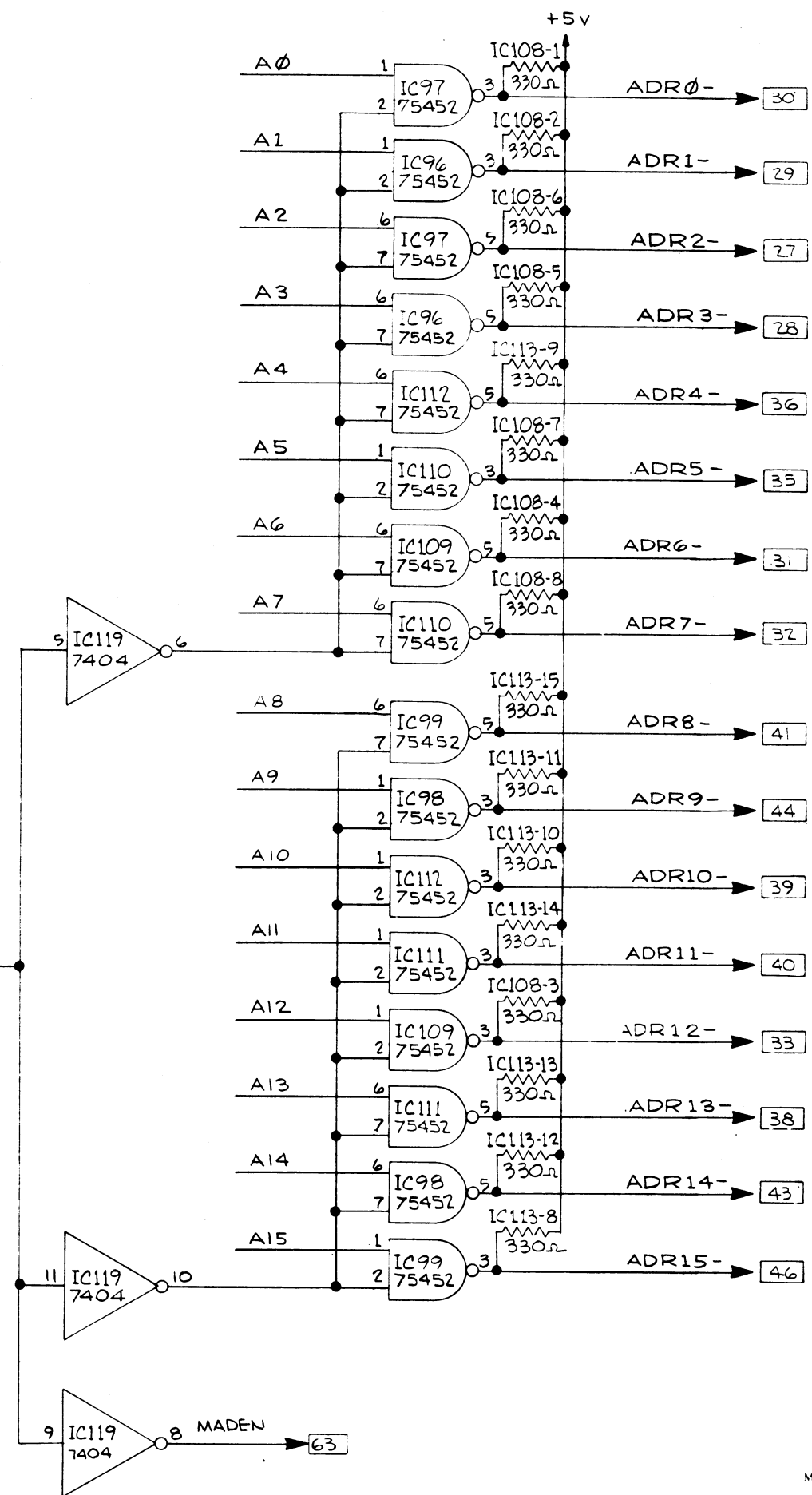
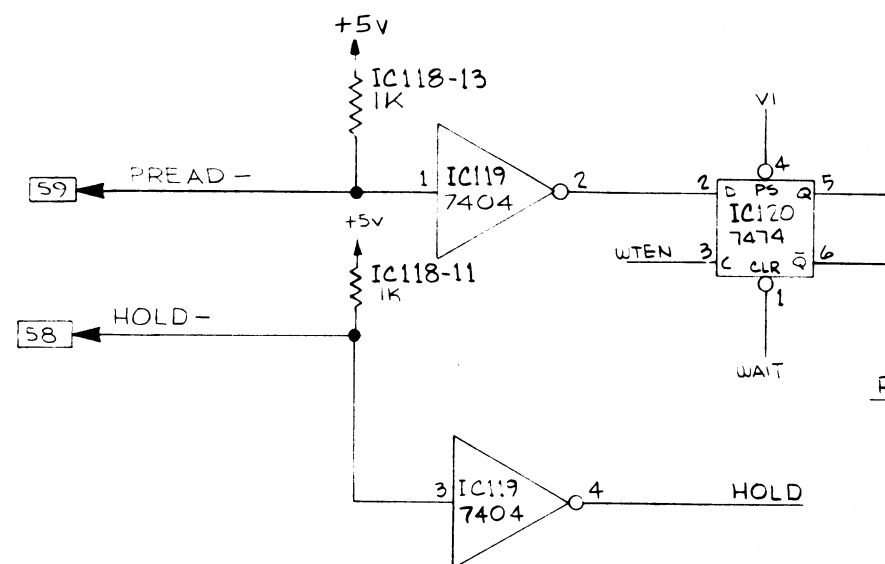
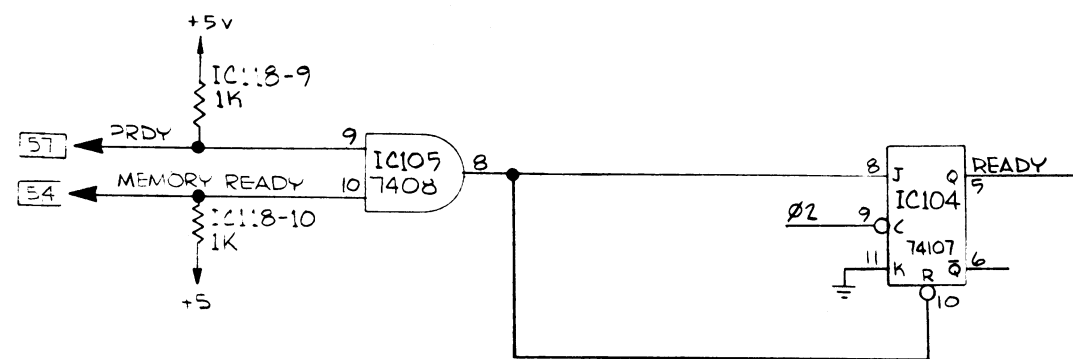


R FORTE 11/20/73

Q1/LMC  
PROCESSOR  
SCHEMATIC

D 004-51008

2 10



M SARFATY 11-15-73

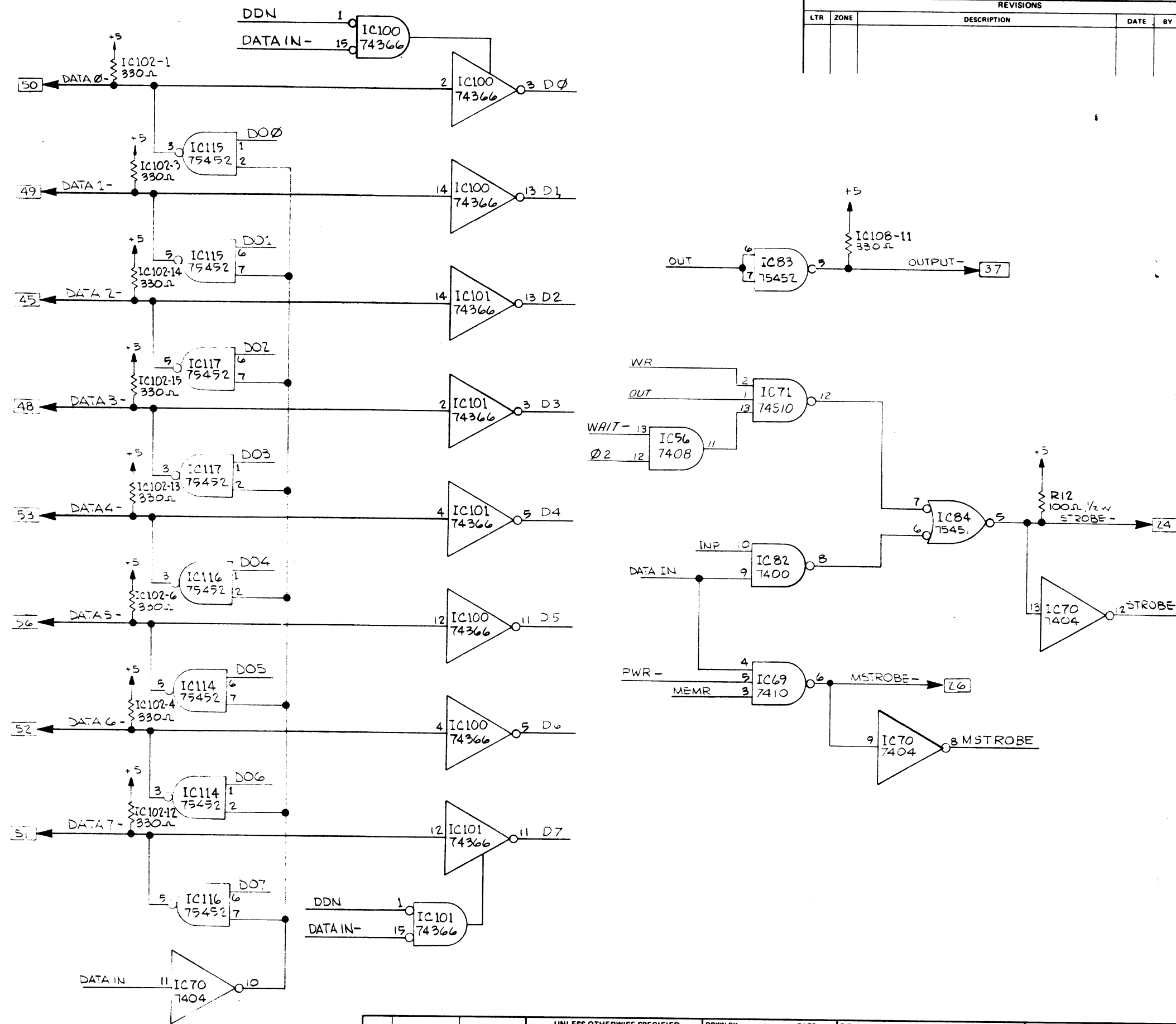
Q1/LMC PROCESSOR  
SCHEMATIC

D 004-51008

3 10

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REVISIONS				
LTR	ZONE	DESCRIPTION	DATE	BY

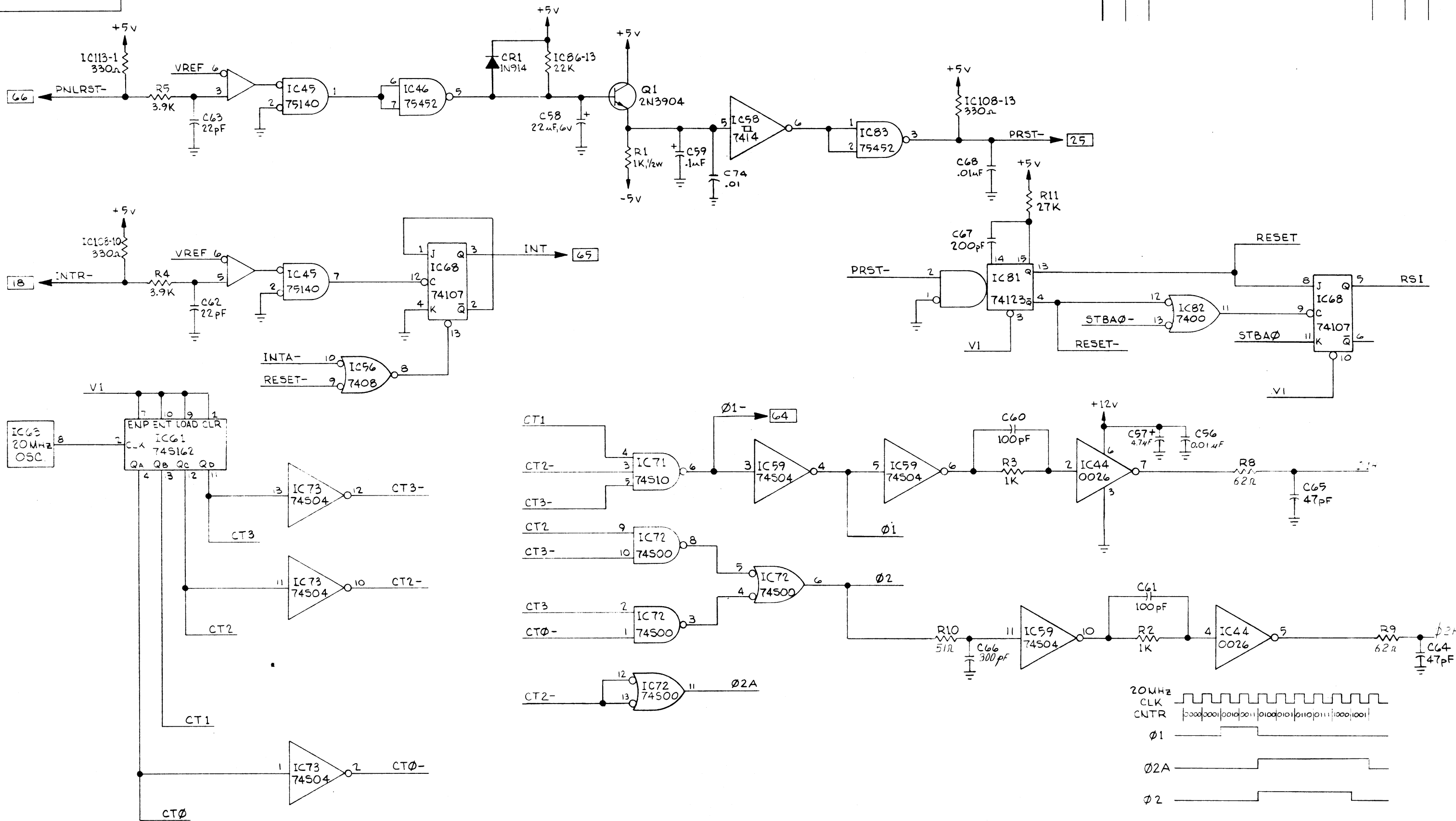


UNLESS OTHERWISE SPECIFIED			DRWN BY FJG	DATE	TITLE
ALL DIMENSIONS ARE IN INCHES			CHKD BY		QI/LMC PROCESSOR SCHEMATIC
DO NOT SCALE DRAWING			MECH ENGR		
REMOVE BURRS AND BREAK EDGES .015 MAX			ELEC ENGR		
TOLERANCES ON			APPROVED		
FRACTIONS DECIMALS ANGLES			RELEASE		SEE SEPARATE SHEET FOR LIST OF MATERIALS
± 1/64 ± .008 ± .1°					
NOT APPL TO HOLE DIA.					
DASH	NEXT ASSY	USED ON	MATERIAL	FINISH	SIZE DWG. NO
					004-51008
APPLICATION					REV G
					SHEET 4 OF 10



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REVISIONS				
LTR	ZONE	DESCRIPTION	DATE	BY
G	D4	ADDED CAP C74	12-11-75	LP

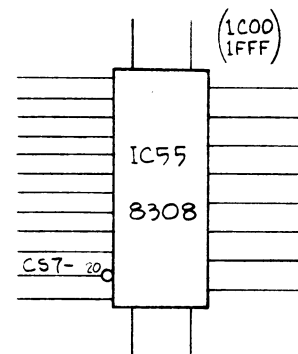
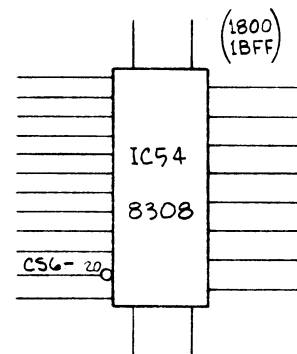
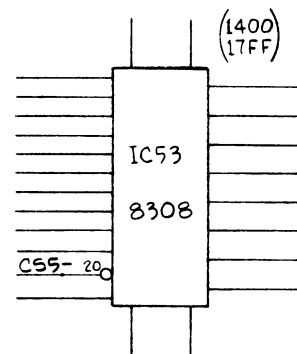
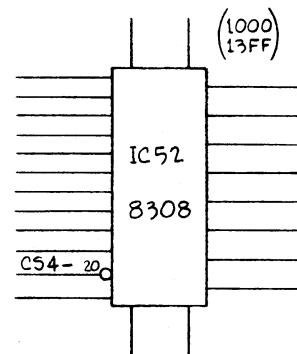
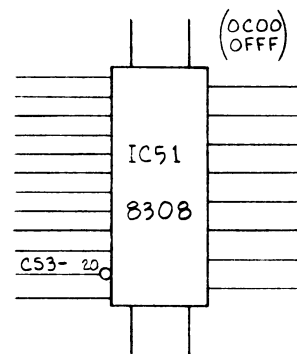
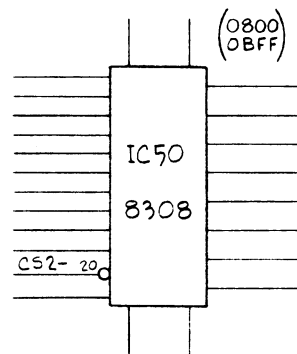
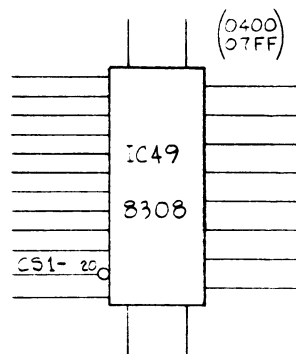
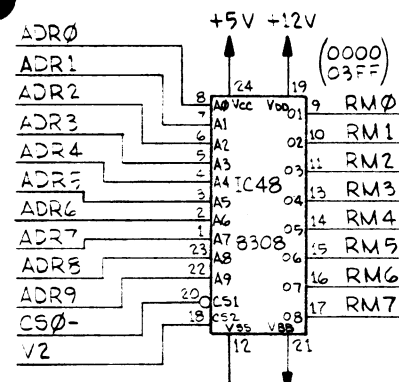


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ALL DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING REMOVE BURRS AND BREAK EDGES .015 MAX TOLERANCES ON FRACTIONS DECIMALS ANGLES ± 1/64 ± .008 ± 1° NOT APPL TO HOLE DIA.			CHKD BY:		SEE SEPARATE SHEET FOR LIST OF MATERIALS	
			MECH ENGR			
			ELEC ENGR		Q1 CORPORATION 6 Dubon Court Farmingdale, New York 11735	
			APPROVED			
			RELEASE		SIZE DWG NO D 004-51008	
					SHEET 5 OF 10	

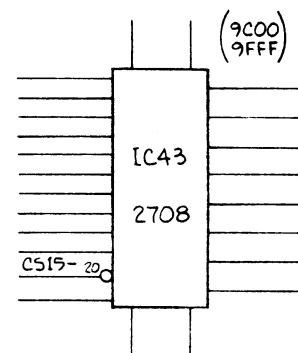
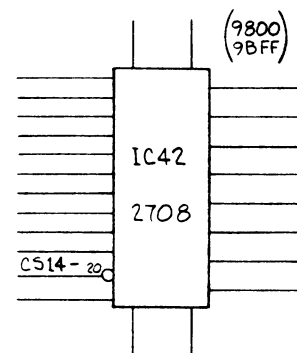
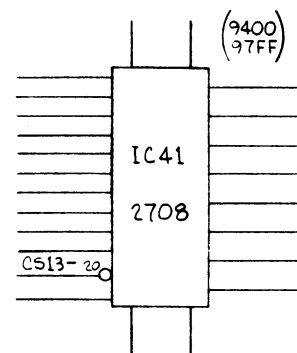
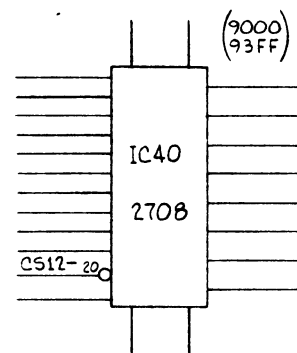
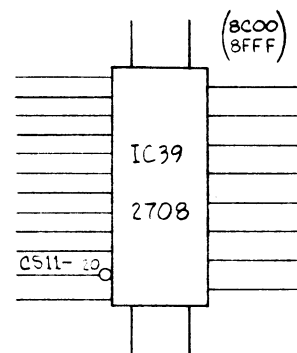
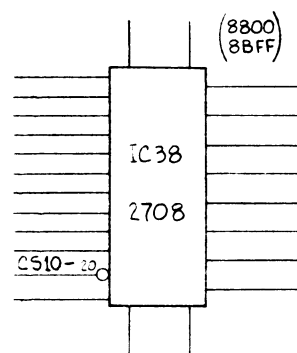
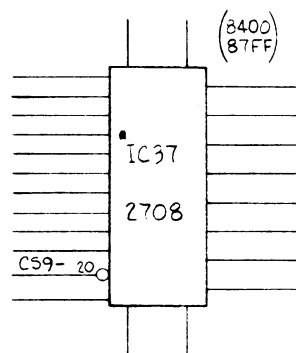
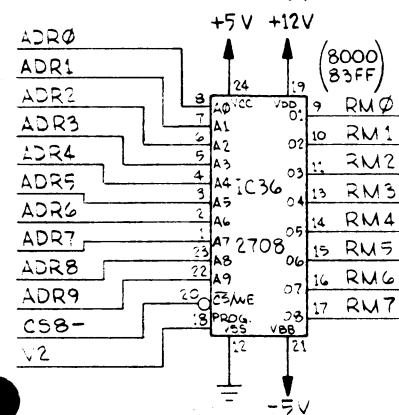
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REVISIONS				
LTR	ZONE	DESCRIPTION	DATE	BY

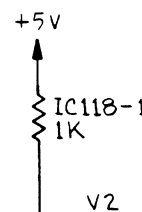
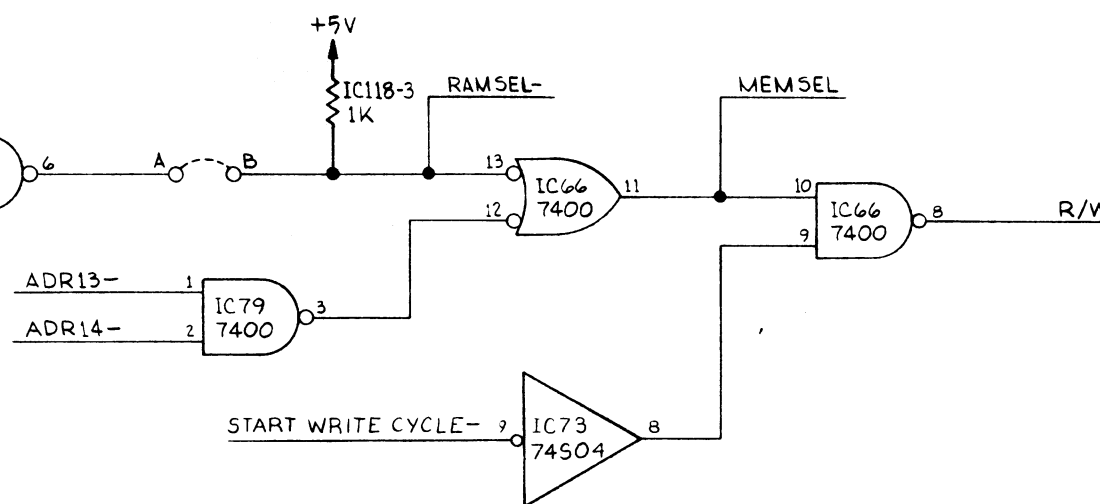
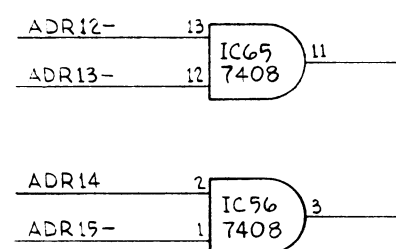
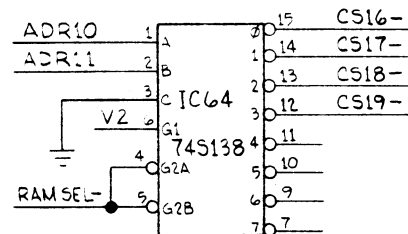
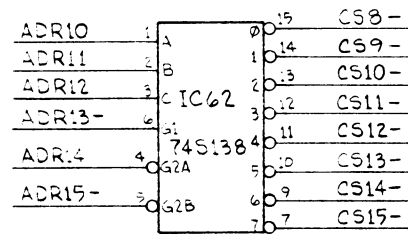
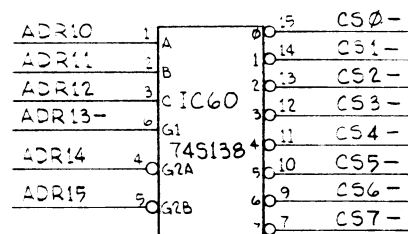
D



C



B



ADR				
	15	14	13	12
0000X	0	0	0	0
1000X	0	0	0	1
	0	0	1	0
	0	0	1	1
4000X	0	1	0	0
	0	1	0	1
	0	1	1	0
	0	1	1	1
8000X	1	0	0	0
9000X	1	0	0	1
	1	0	1	0
	1	0	1	1
	1	1	0	0
	1	1	0	1
	1	1	1	0
	1	1	1	1

A

UNLESS OTHERWISE SPECIFIED			DRWN BY G. O'GRADY DATE 4-3-75	TITLE
ALL DIMENSIONS ARE IN INCHES			CHKD BY	SCHEMATIC Q1/LMC PROCESSOR
DO NOT SCALE DRAWING			MECH ENGR	
REMOVE BURRS AND BREAK EDGES .015 MAX			ELEC ENGR	
TOLERANCES ON			APPROVED	
FRACTIONS DECIMALS ANGLES			RELEASE	SEE SEPARATE SHEET FOR LIST OF MATERIALS
NOT APPL TO HOLE DIA.				
DASH	NEXT ASSY	USED ON	MATERIAL	FINISH
APPLICATION				

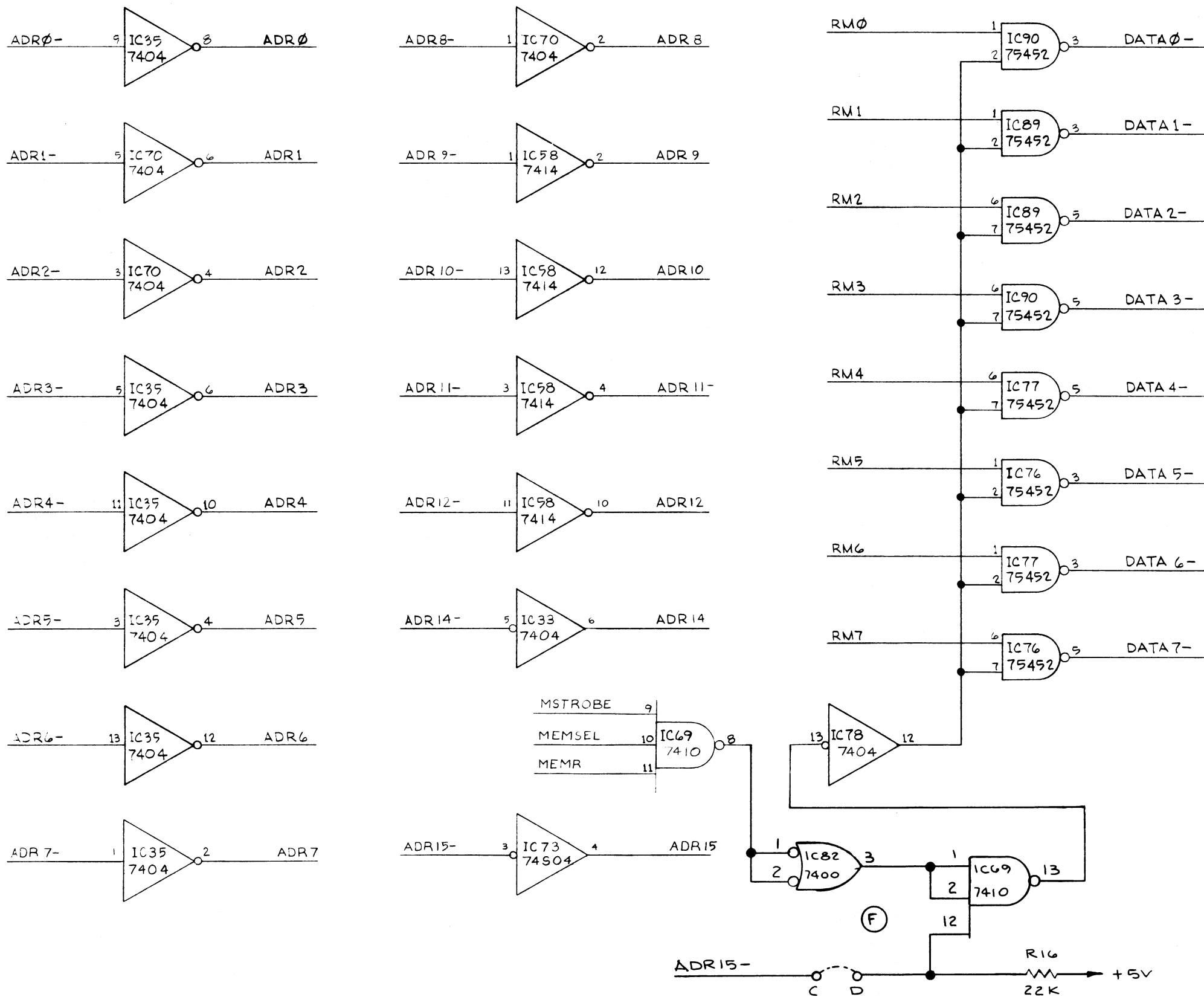
SIZE	DWG NO	REV
D	004-51008	G
SCALE	SHEET 6 OF 10	

004-51008 G

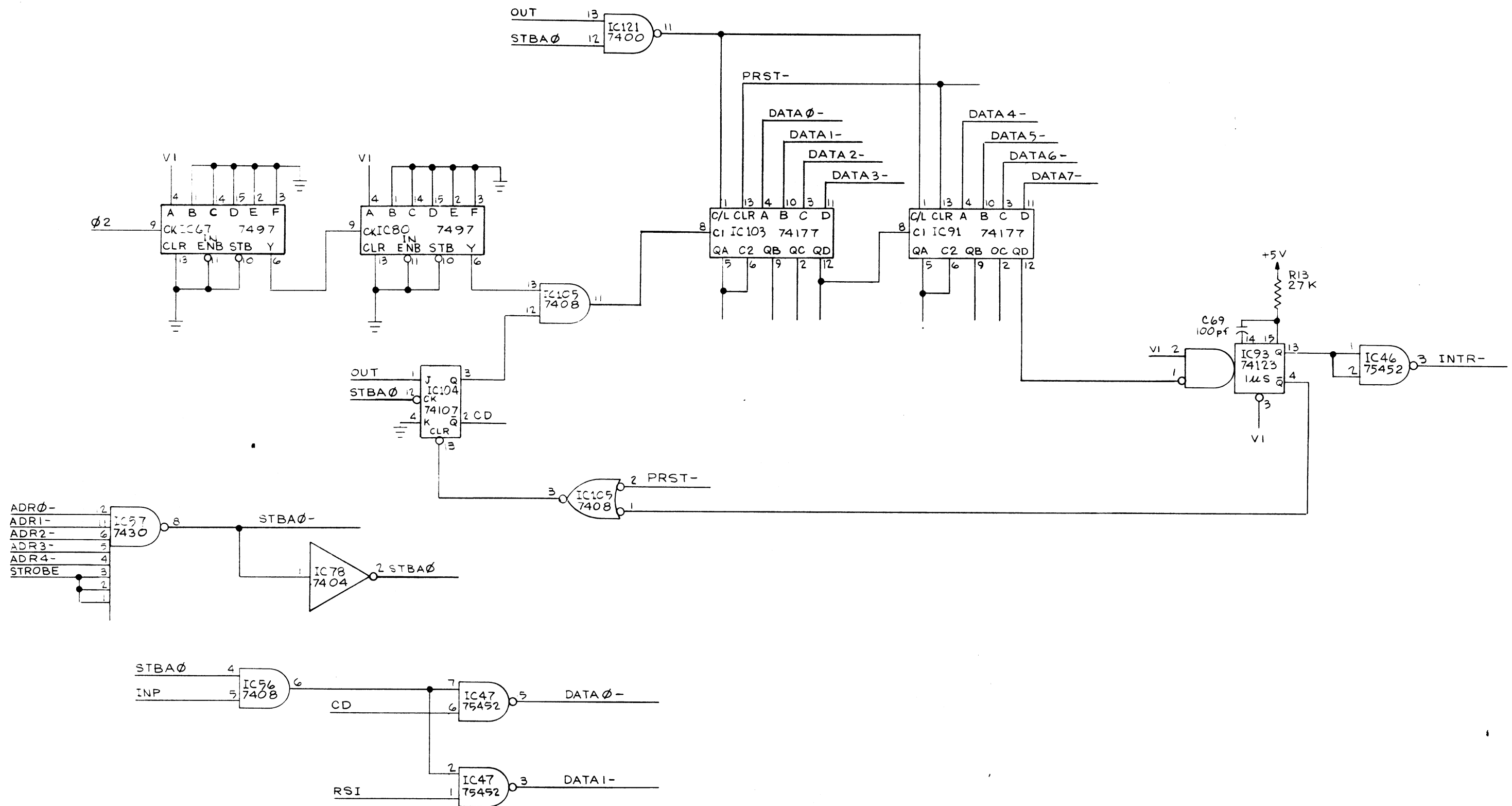
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REVISIONS				
LTR	ZONE	DESCRIPTION	DATE	BY
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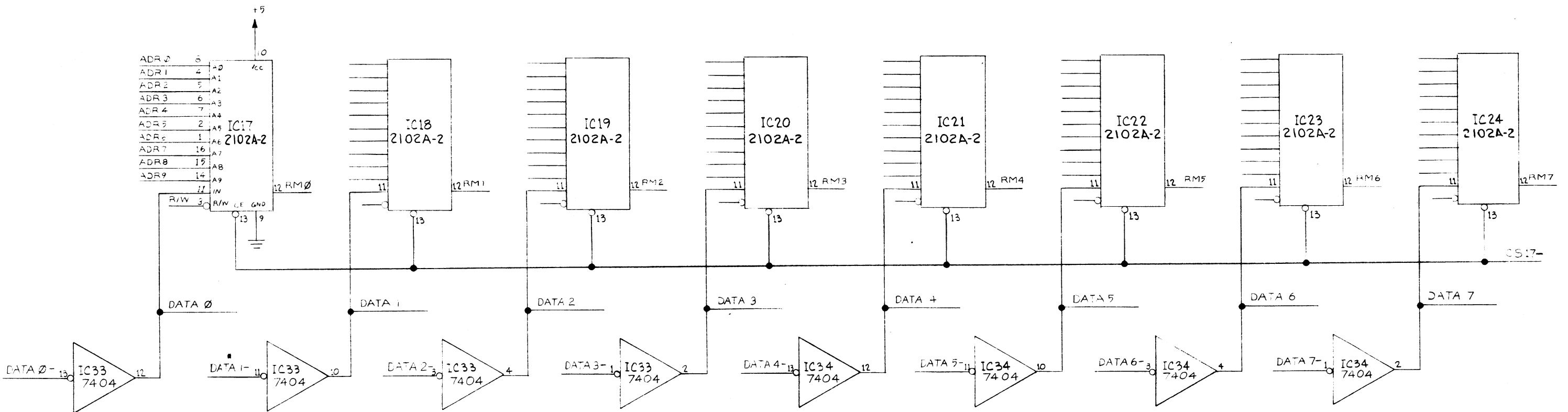
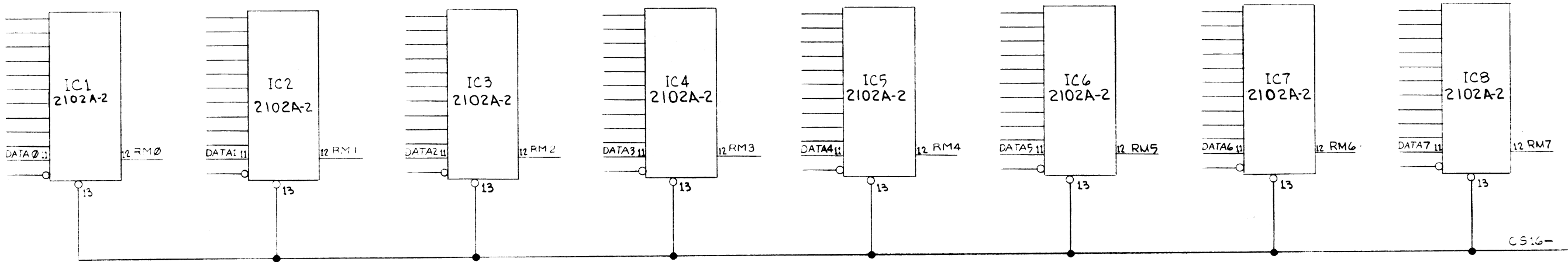
UNLESS OTHERWISE SPECIFIED			DRWN BY 9.09 RADY DATE 12-14-74		TITLE SCHEMATIC Q1/LMC PROCESSOR	
ALL DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING REMOVE BURRS AND BREAK EDGES .015 MAX TOLERANCES ON FRACTIONS DECIMALS ANGLES ± 1/64 ± .008 ± 1° NOT APPL TO HOLE DIA.			CHKD BY	MECH ENGR	Q1 CORPORATION 6 Dubon Court Farmingdale, New York 11735	
			ELEC ENGR	APPROVED		
MATERIAL FINISH			RELEASE	SEE SEPARATE SHEET FOR LIST OF MATERIALS	SIZE DWG. NO 004-51008	REV G
DASH NEXT ASSY USED ON APPLICATION					SCALE	SHEET 7 OF 10





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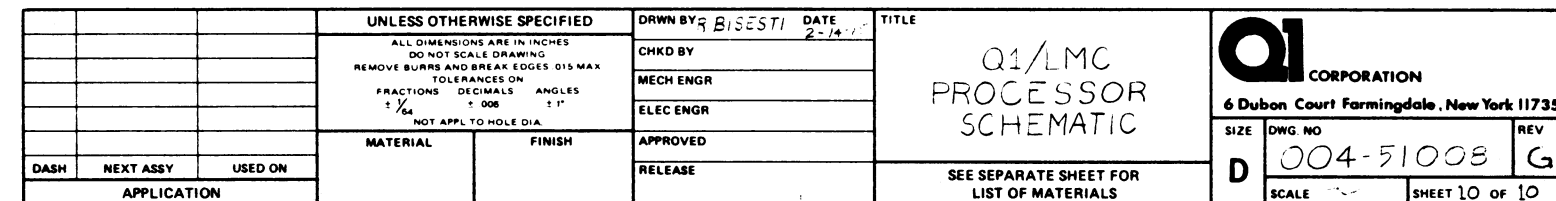
LTR	ZONE	DESCRIPTION	DATE	BY	APPROVED



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			ALL DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING REMOVE BURRS AND BREAK EDGES .015 MAX TOLERANCES ON FRACTIONS DECIMALS ANGLES ± 1/64 ± .006 ± .1° NOT APPL TO HOLE DIA.		CHKD BY			
					MECH ENGR			
					ELEC ENGR			
			MATERIAL		FINISH		APPROVED	
							RELEASE	
							SEE SEPARATE SHEET FOR LIST OF MATERIALS	
DASH	NEXT ASSY	USED ON	APPLICATION		SIZE DWG. NO REV			
					D 004-51008 G			
					SCALE 1/8" = 1" SHEET 9 of 10			

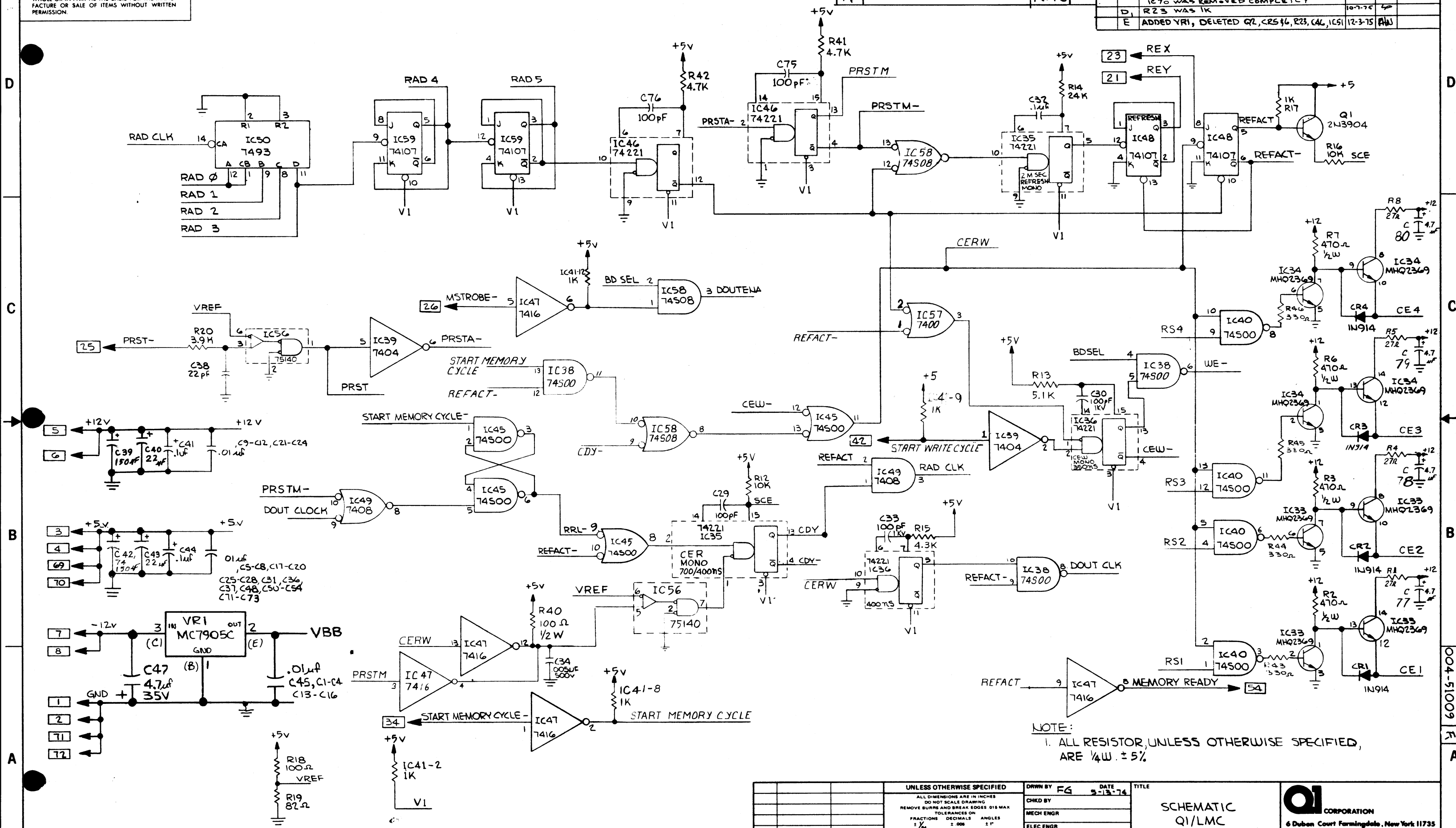
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REVISIONS					
LTR	ZONE	DESCRIPTION	DATE	BY	APPROVED




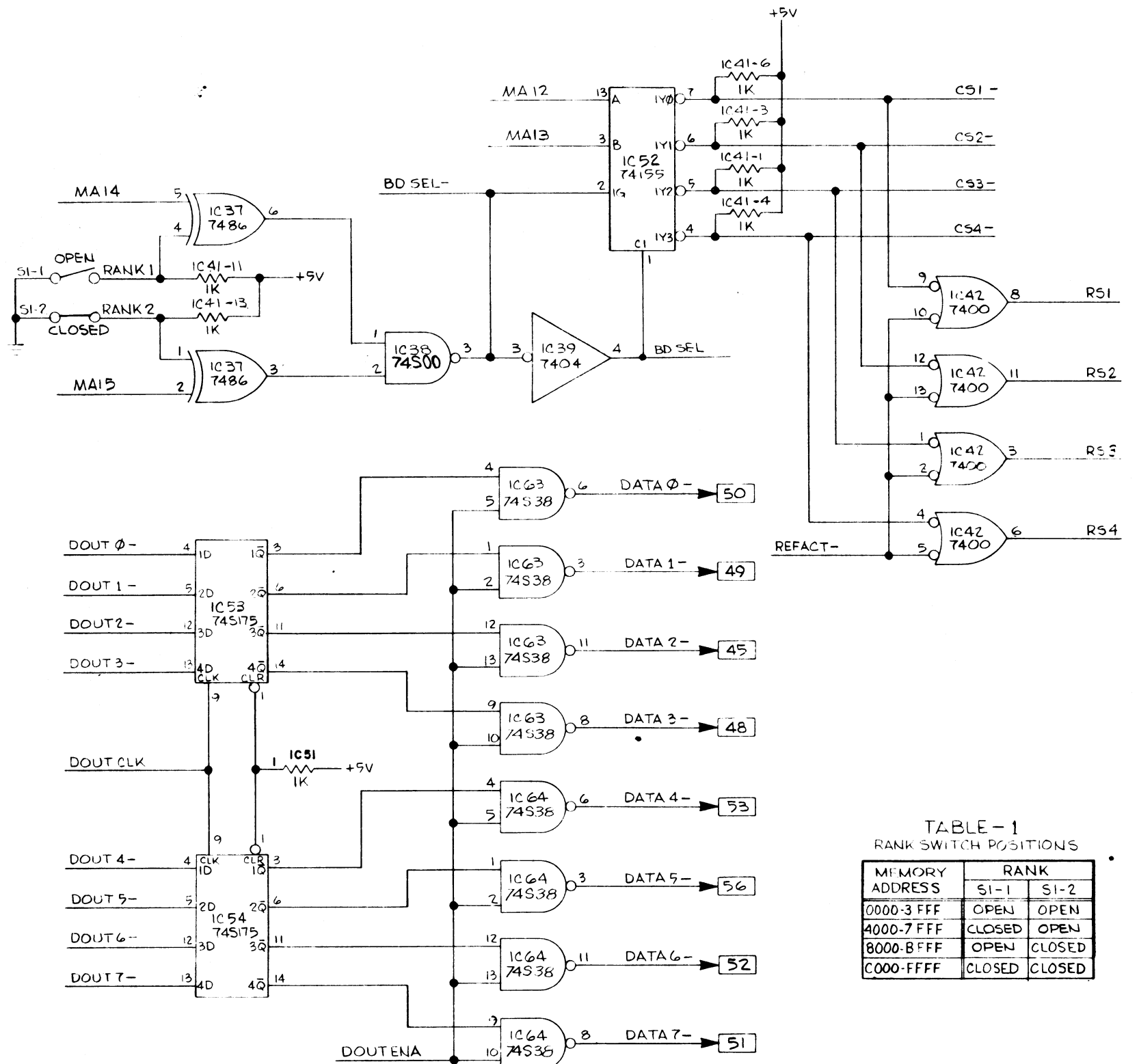
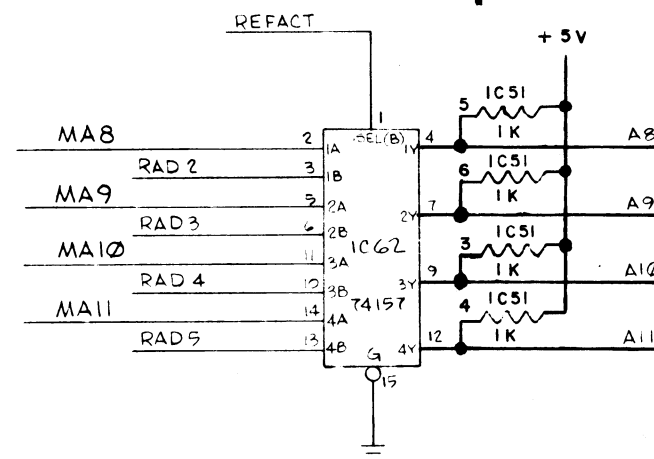
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F	NADE DWG -2, ADDED 1C51	2-5-76	PHJ	REVISIONS					
F.	SEE SH40FA	4-20-76		LTR	ZONE	DESCRIPTION	DATE	BY	APPROVED
					D	R43 THEN R46 WAS 1K RES PACK 1C70 1C70 WAS REMOVED COMPLETELY	9-8-75	✓	
					D.	R23 WAS 1K	10-7-75	✓	
					E	ADDED YR1, DELETED Q2, CRS46, R23, C46, 1C51	12-3-75	PHJ	

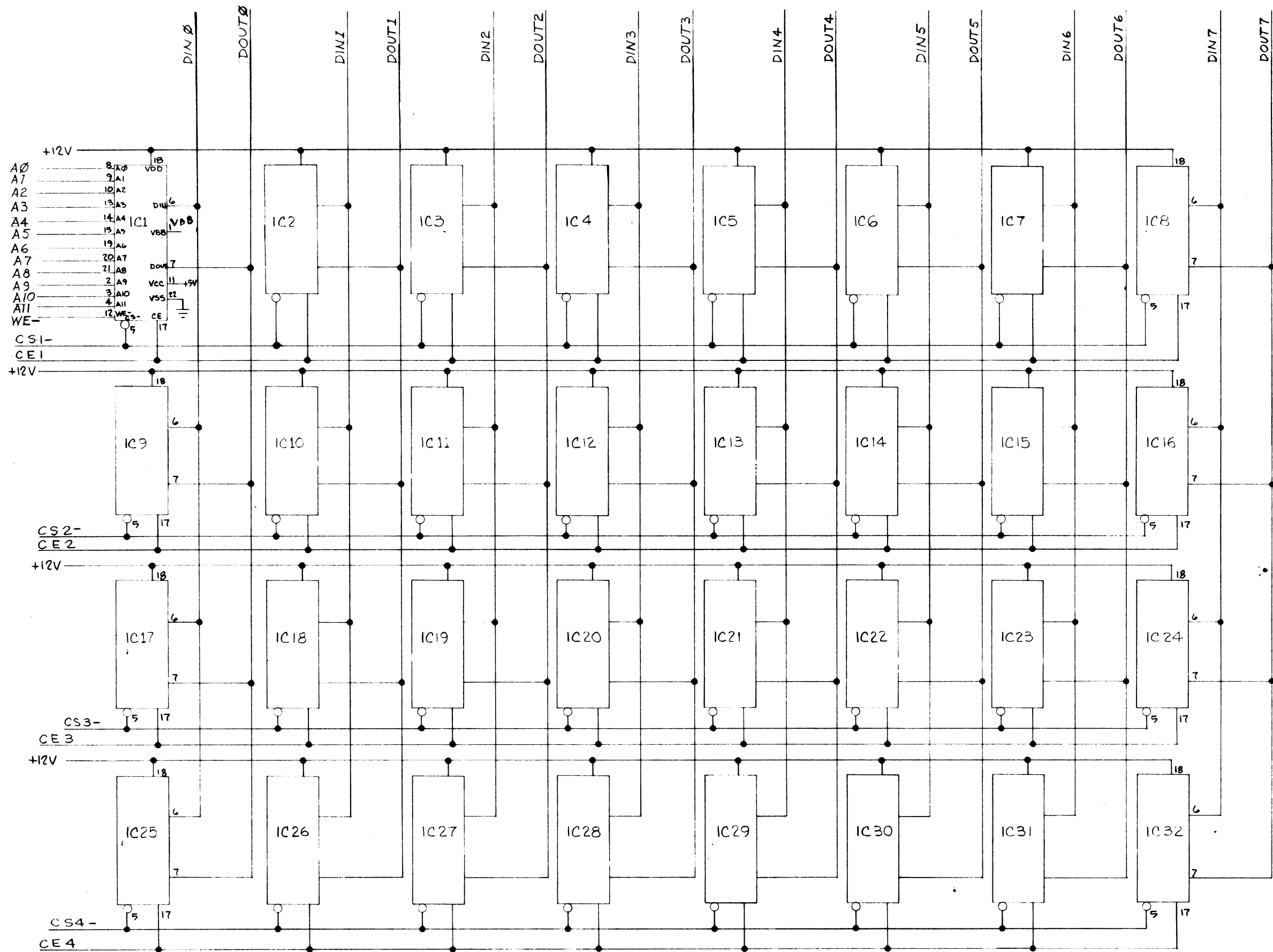


NOTE:  
1. ALL RESISTOR, UNLESS OTHERWISE SPECIFIED, ARE  $\frac{1}{4}W. \pm 5\%$

			UNLESS OTHERWISE SPECIFIED		DRWN BY <b>FG</b>	DATE <b>3-13-74</b>	TITLE  <b>SCHEMATIC Q1/LMC 16 K MEMORY</b>	 <b>QI CORPORATION</b> 6 Dubon Court Farmingdale, New York 11735	
			ALL DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING REMOVE BURRS AND BREAK EDGES 0.15 MAX TOLERANCES ON FRACTIONS    DECIMALS    ANGLES $\pm \frac{1}{64}$ $\pm .008$ $\pm 1^\circ$ NOT APPL TO HOLE DIA.		CHKD BY				
					MECH ENGR				
					ELEC ENGR				
			MATERIAL	FINISH	APPROVED	SEE SEPARATE SHEET FOR LIST OF MATERIALS		SIZE DWG. NO <b>D 004-51009-2</b>	REV <b>F</b>
DASH	NEXT ASSY	USED ON			RELEASE				
APPLICATION							SCALE		SHEET 1 OF 4



MEMORY ADDRESS	RANK	
	SI-1	SI-2
0000-3 FFF	OPEN	OPEN
4000-7 FFF	CLOSED	OPEN
8000-B FFF	OPEN	CLOSED
C000-FFFF	CLOSED	CLOSED

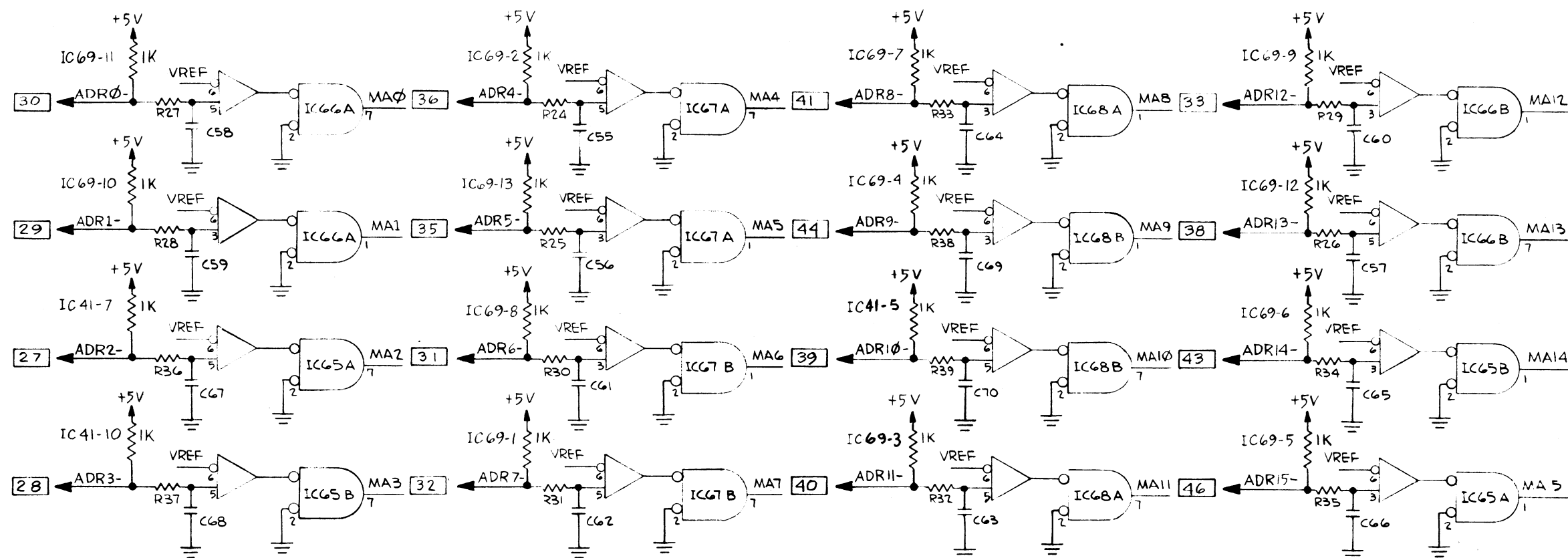


IC 1 THRU IC 32	
MFA.	PART NO.
T.I.	TMS 4060

		CORPORATION 6 Dubon Court Farmingdale, New York 11735	
DRAWN K.DANCE	DATE 8/31/73	SCHEMATIC QI/EMC 16K MEMORY	
CHECKED			
APPROVED			
SIZE			
D 004-51009-2		SHEET 3 OF 4	REV. F.1

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REVISIONS				
LTR	ZONE	DESCRIPTION	DATE	BY
F1		IC41-5 & IC69-3 WERE TRANSFERRED	8-20-74	4



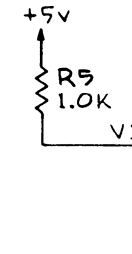
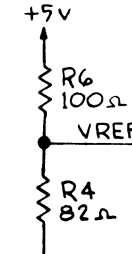
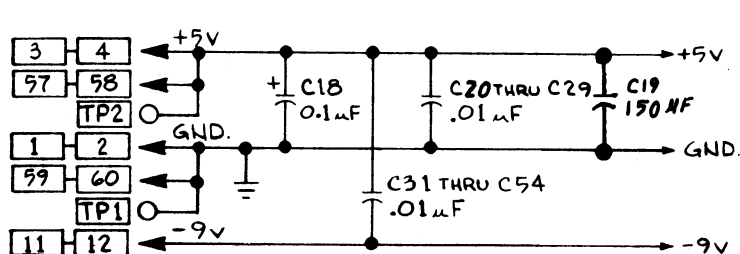
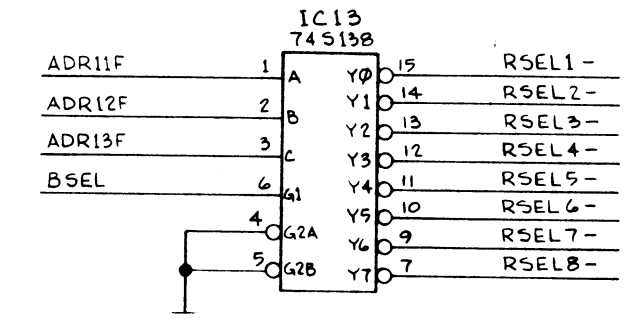
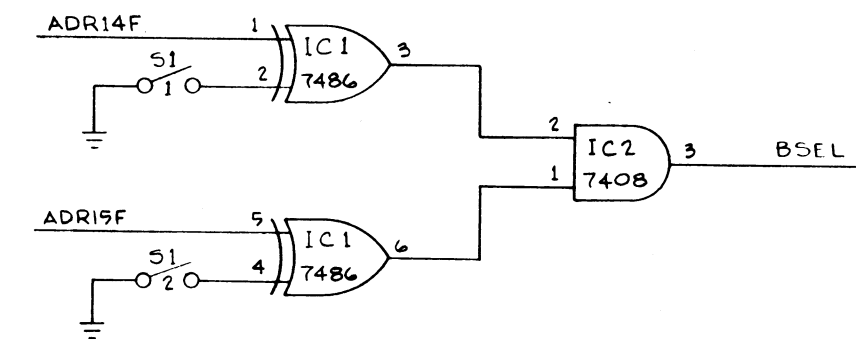
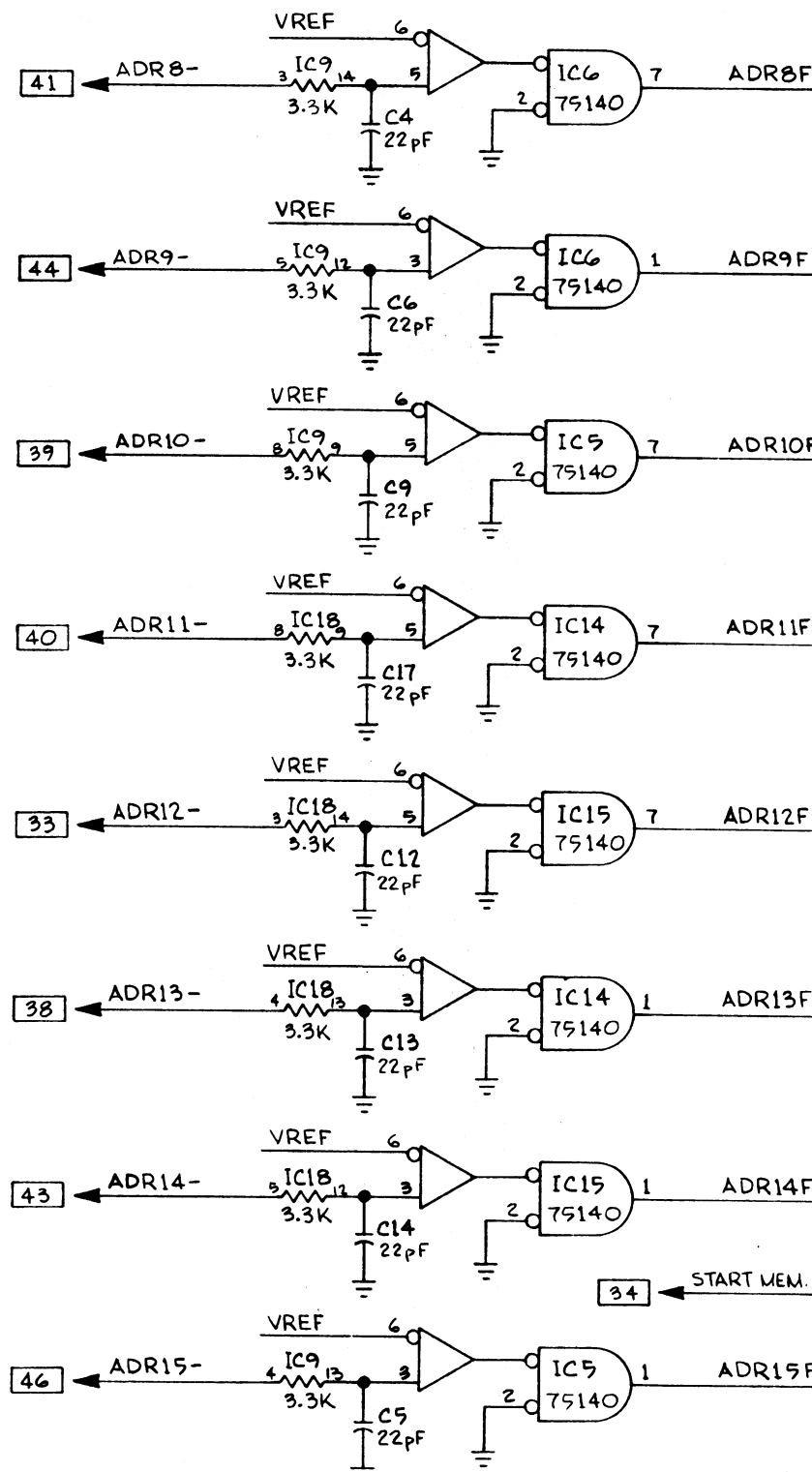
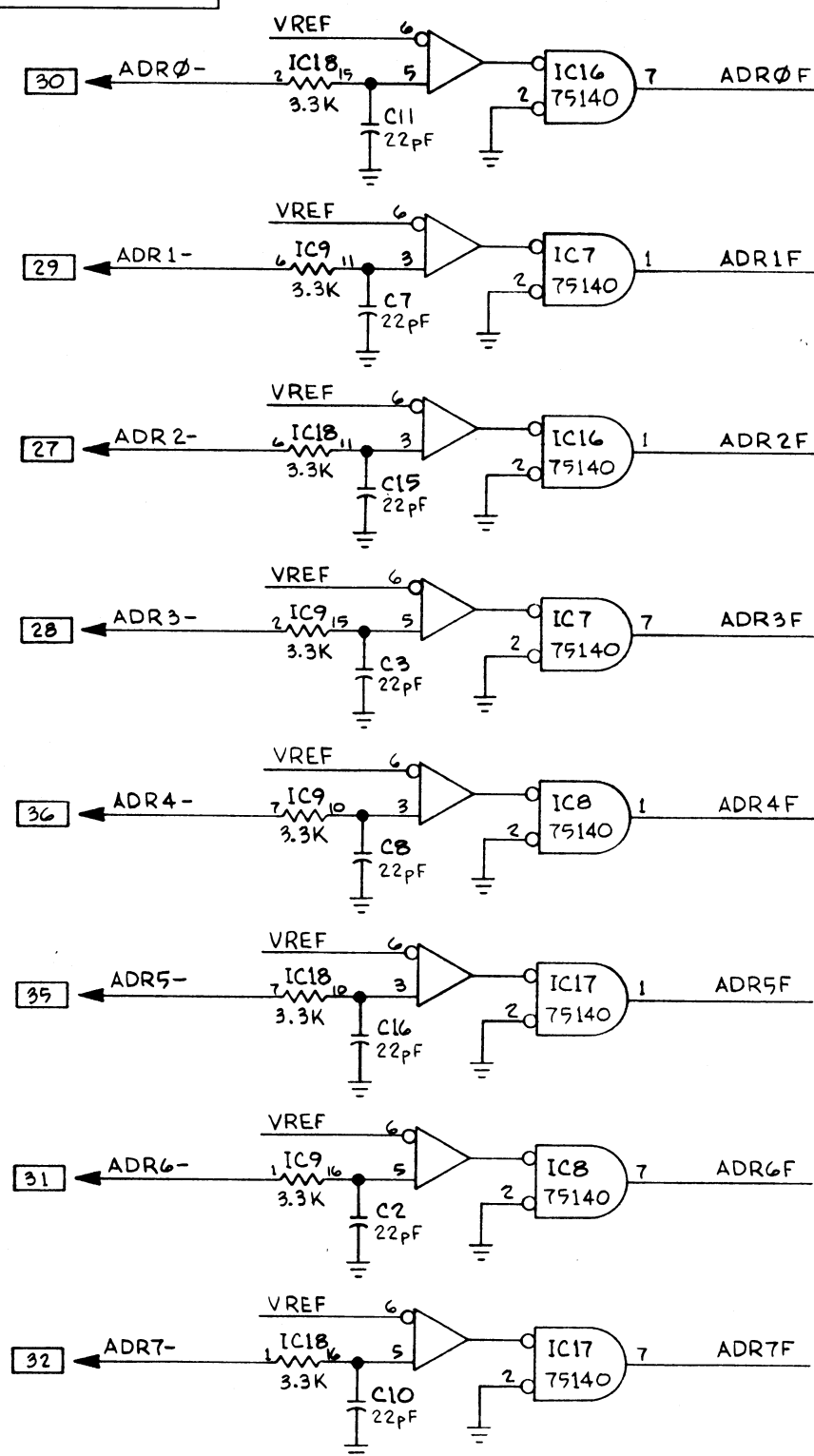
- NOTE:
1. R24 - R39 3.9K 1/4 W  $\pm 5\%$
  2. C55 - C70 22 pF
  3. ICs TYPE 75140

UNLESS OTHERWISE SPECIFIED			DRWN BY FJG	DATE 7-30-74	TITLE
ALL DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING REMOVE BURRS AND BREAK EDGES 0.15 MAX TOLERANCES ON FRACTIONS DECIMALS ANGLES 1/64 0.008 1"			CHKD BY		SCHEMATIC QI/LMC 16 K MEMORY
MATERIAL			FINISH	APPROVED	SEE SEPARATE SHEET FOR LIST OF MATERIALS
DASH			NEXT ASSY	USED ON	RELEASE
APPLICATION			SCALE		


QI CORPORATION		REV
6 Dubon Court Farmingdale, New York 11735		F1
SIZE	DWG NO	
D	004-51009-2	
SHEET 4 OF 4		

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REVISIONS				
LTR	ZONE	DESCRIPTION	DATE	BY



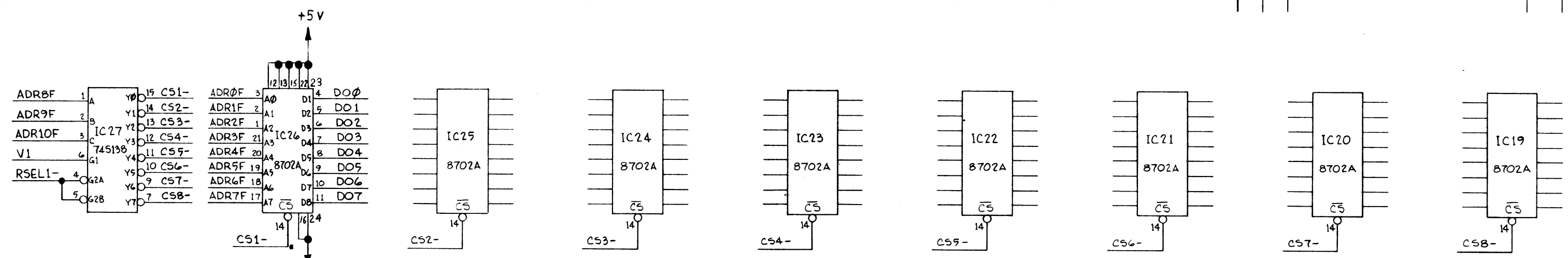
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			ALL DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING		CHKD BY		SCHEMATIC Q1/LMC PROM BOARD	
			REMOVE BURRS AND BREAK EDGES 0.15 MAX TOLERANCES ON		MECH ENGR			
			FRACTIONS DECIMALS ANGLES		ELEC ENGR			
			1/64 1.000 1"		APPROVED			
			NOT APPL TO HOLE DIA.		RELEASE		SEE SEPARATE SHEET FOR LIST OF MATERIALS	
DASH NEXT ASSY USED ON			MATERIAL FINISH					
APPLICATION								

		CORPORATION	
6 Dubon Court Farmingdale, New York 11735			
SIZE	DWG. NO	REV	
D	004-51014	B	
SCALE		SHEET 1 OF 4	

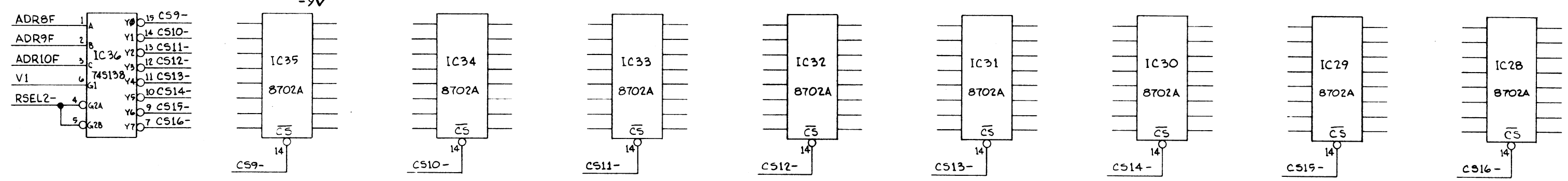
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REVISIONS				
LTR	ZONE	DESCRIPTION	DATE	BY

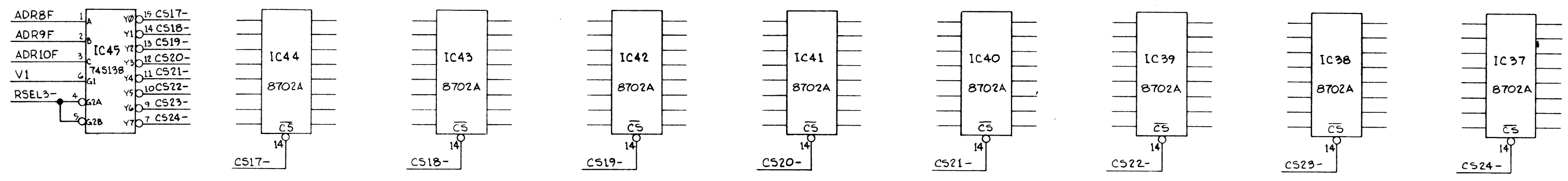
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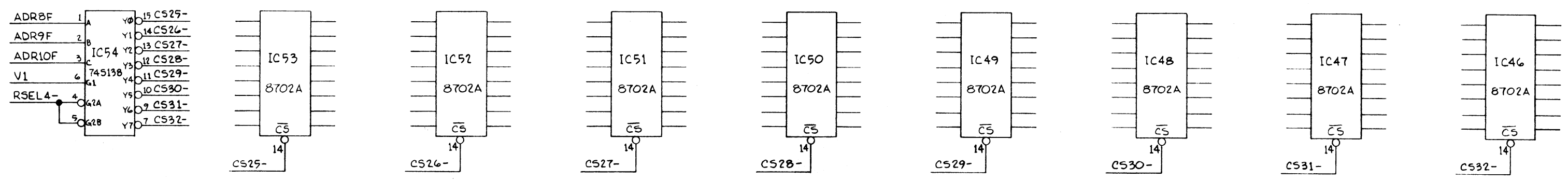
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B



A



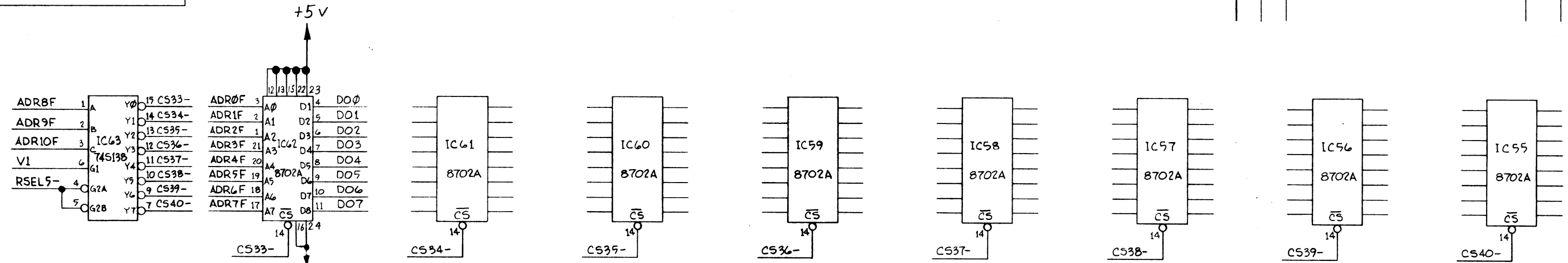
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MATERIAL			FINISH		APPROVED	
DASH			NEXT ASSY		RELEASE	
APPLICATION					SEE SEPARATE SHEET FOR LIST OF MATERIALS	
					Q1 CORPORATION 6 Dubon Court Farmingdale, New York 11735	
					SIZE DWG. NO. REV D 004-51014 B	
					SCALE SHEET 2 OF 4	



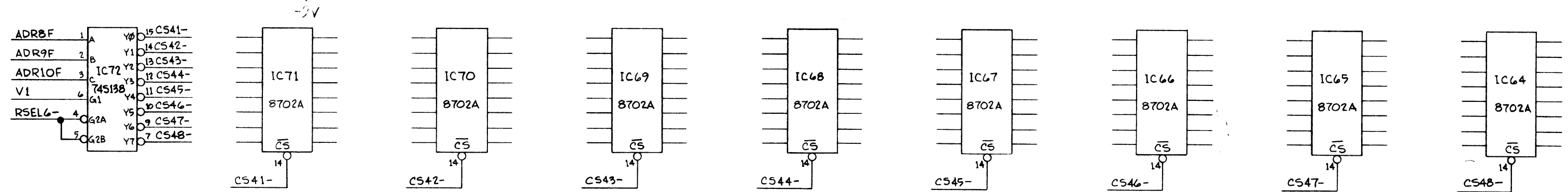
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REVISIONS				
LTR	ZONE	DESCRIPTION	DATE	BY

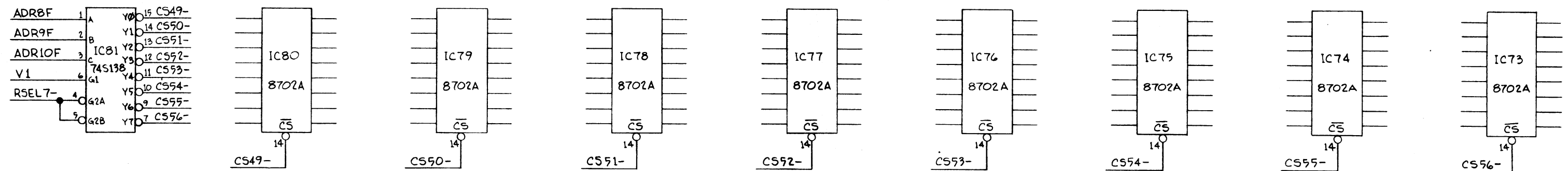
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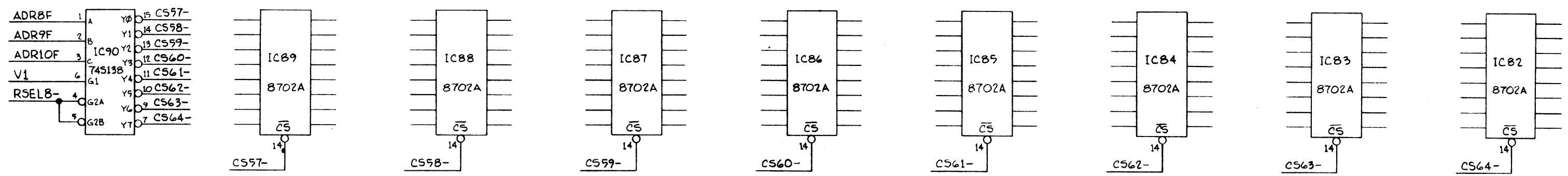
C



B



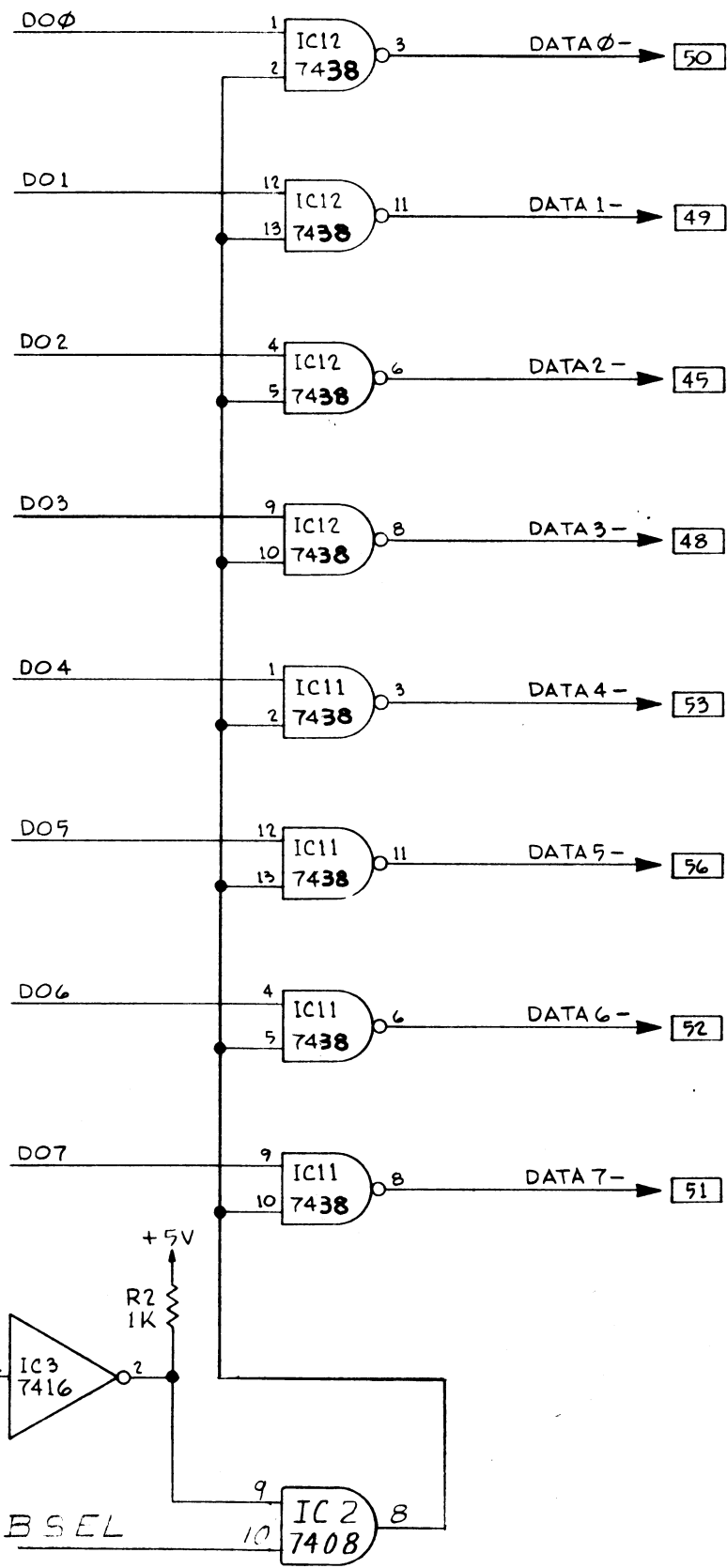
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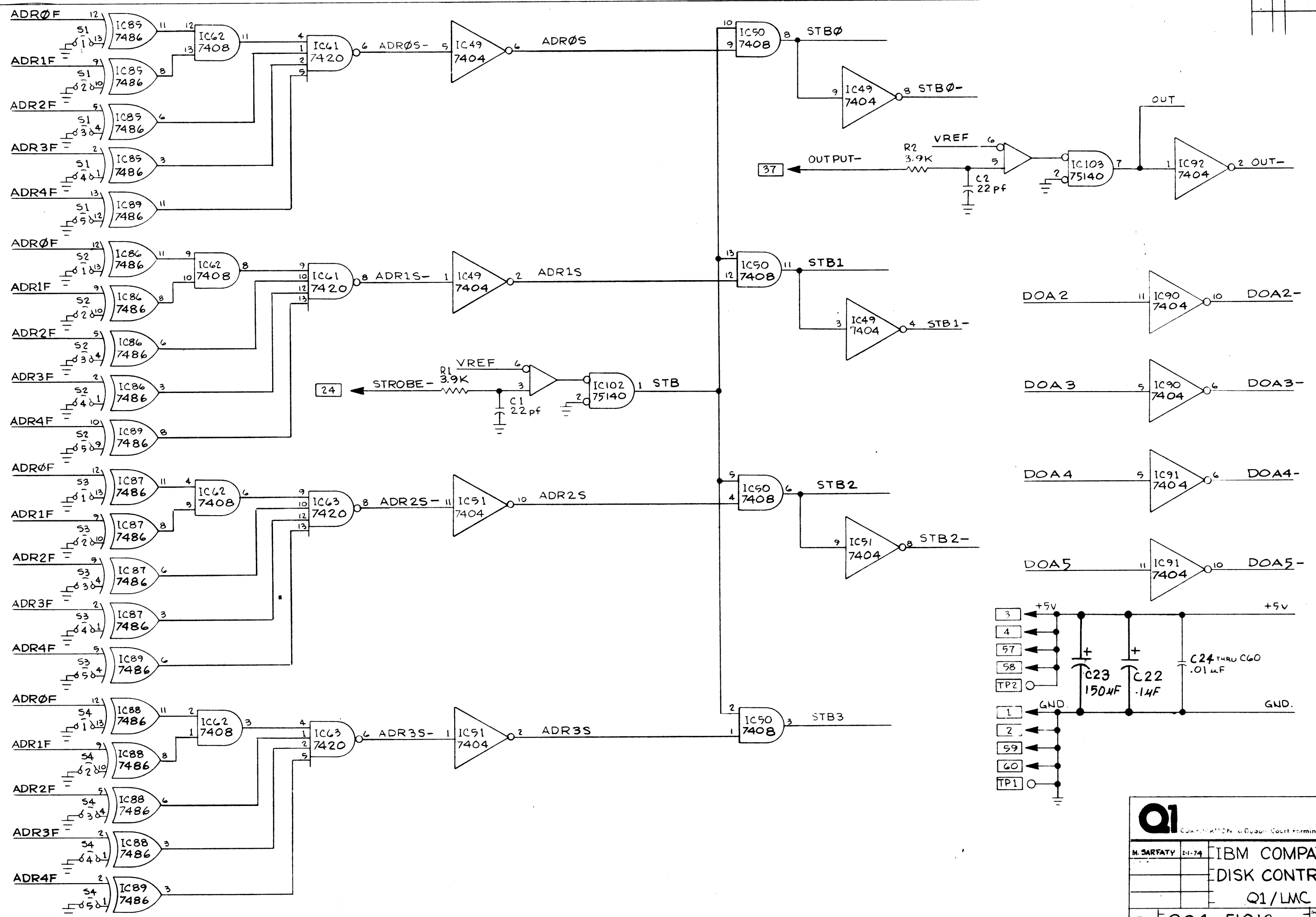
UNLESS OTHERWISE SPECIFIED			DRWN BY 9.09 GRADY 10-7-74		DATE	
ALL DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING REMOVE BURRS AND BREAK EDGES 0.15 MAX TOLERANCES ON FRACTIONS DECIMALS ANGLES ± 1/64 ± .006 ± 1° NOT APPL TO HOLE DIA.			CHKD BY		TITLE	
MATERIAL			MECH ENGR		SCHEMATIC Q1/LMC PROM BOARD	
FINISH			ELEC ENGR		Q1 CORPORATION 6 Dubon Court Farmingdale, New York 11735	
APPROVED			RELEASE		SIZE DWG NO D 004-51014	
APPLICATION			SEE SEPARATE SHEET FOR LIST OF MATERIALS		REV B SHEET 3 OF 4	

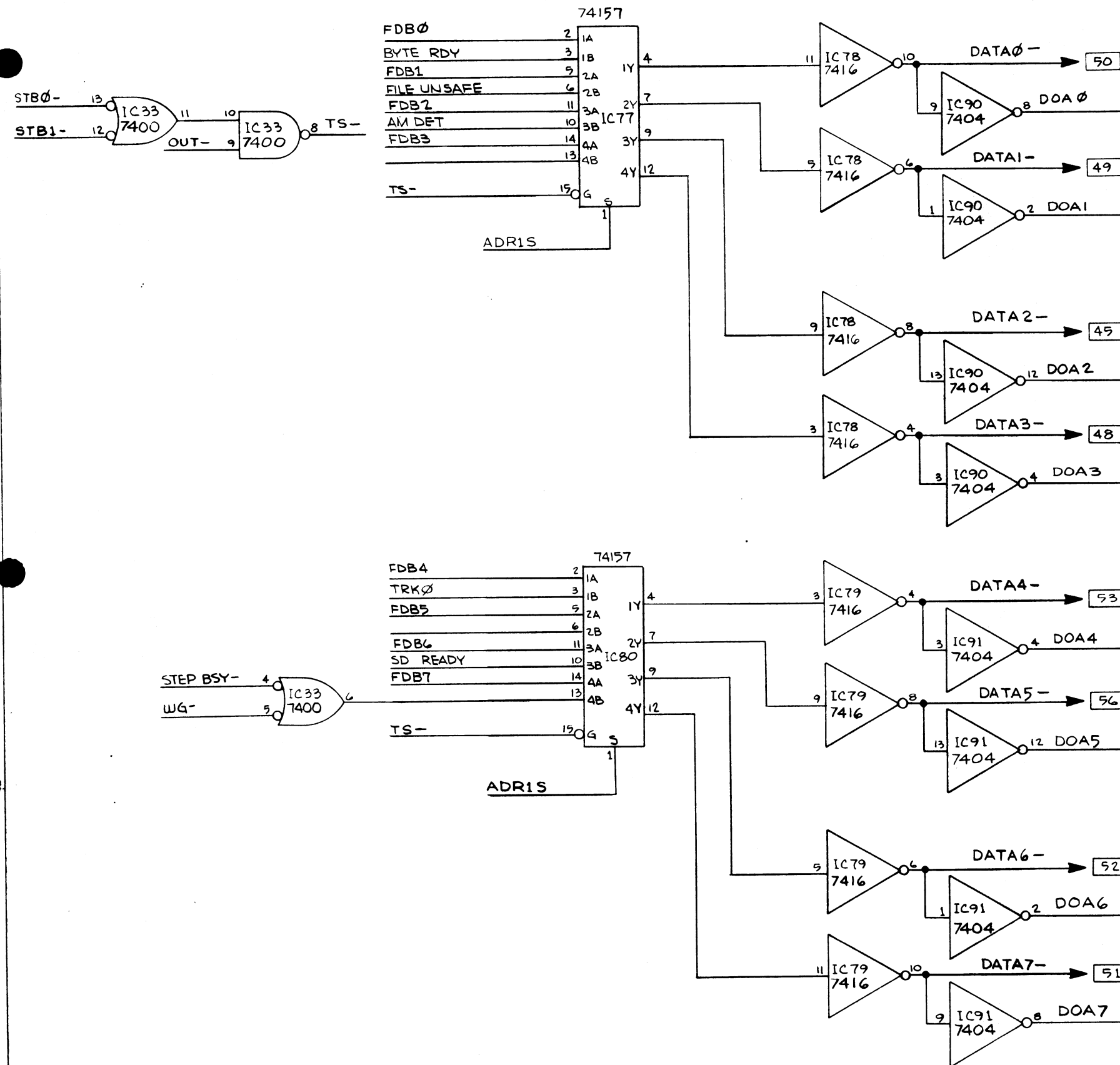
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REVISIONS				
LTR	ZONE	DESCRIPTION	DATE	BY

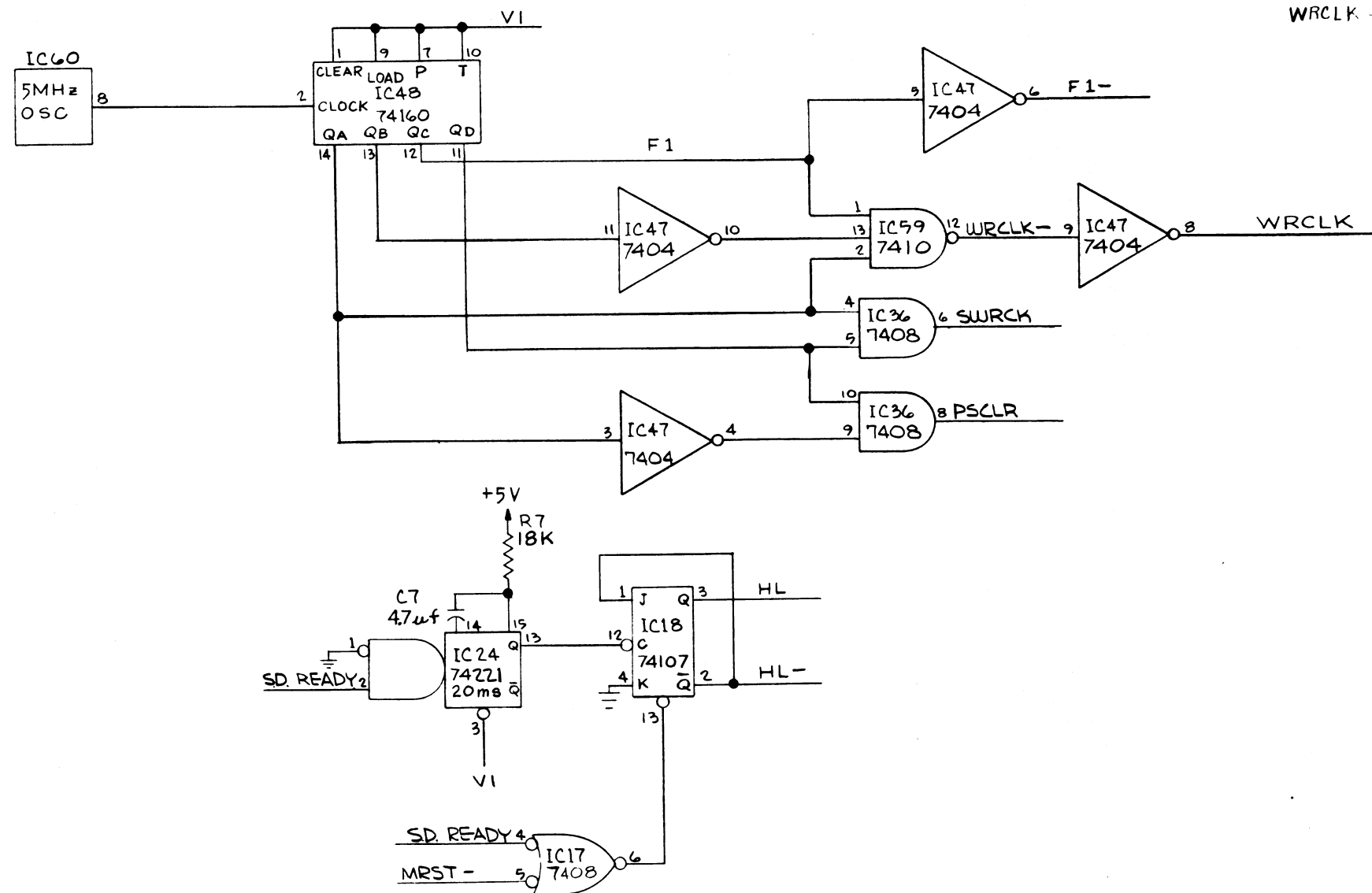


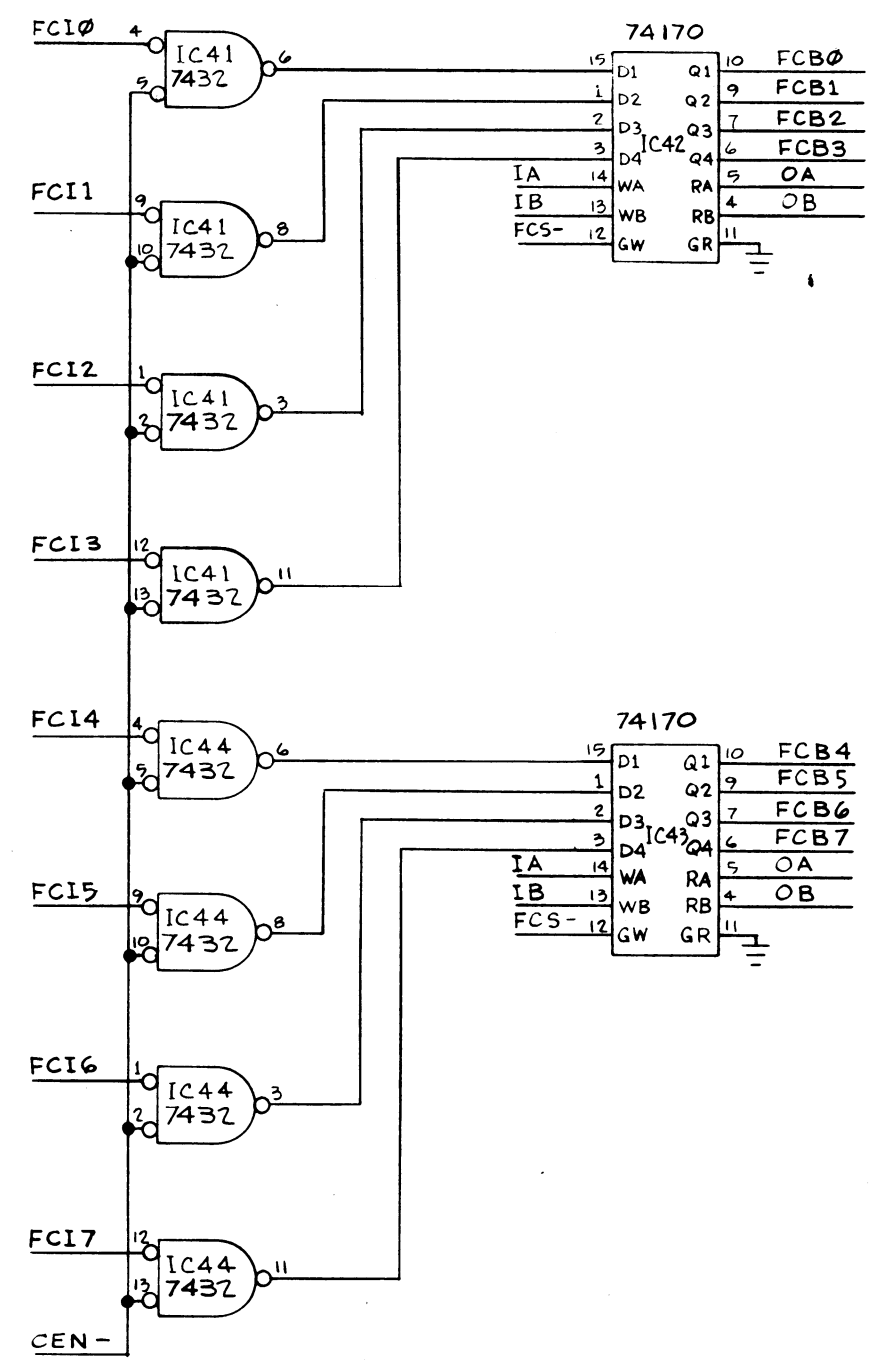
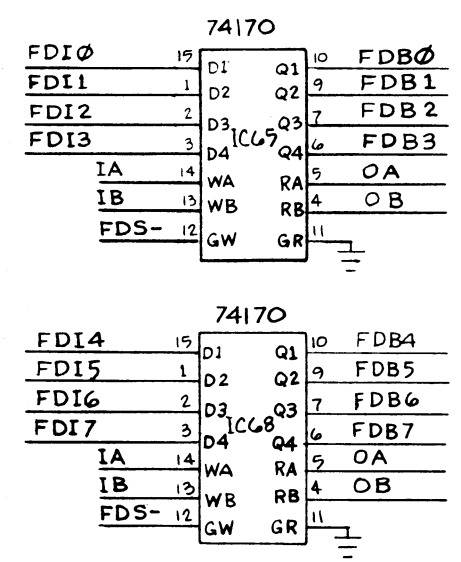
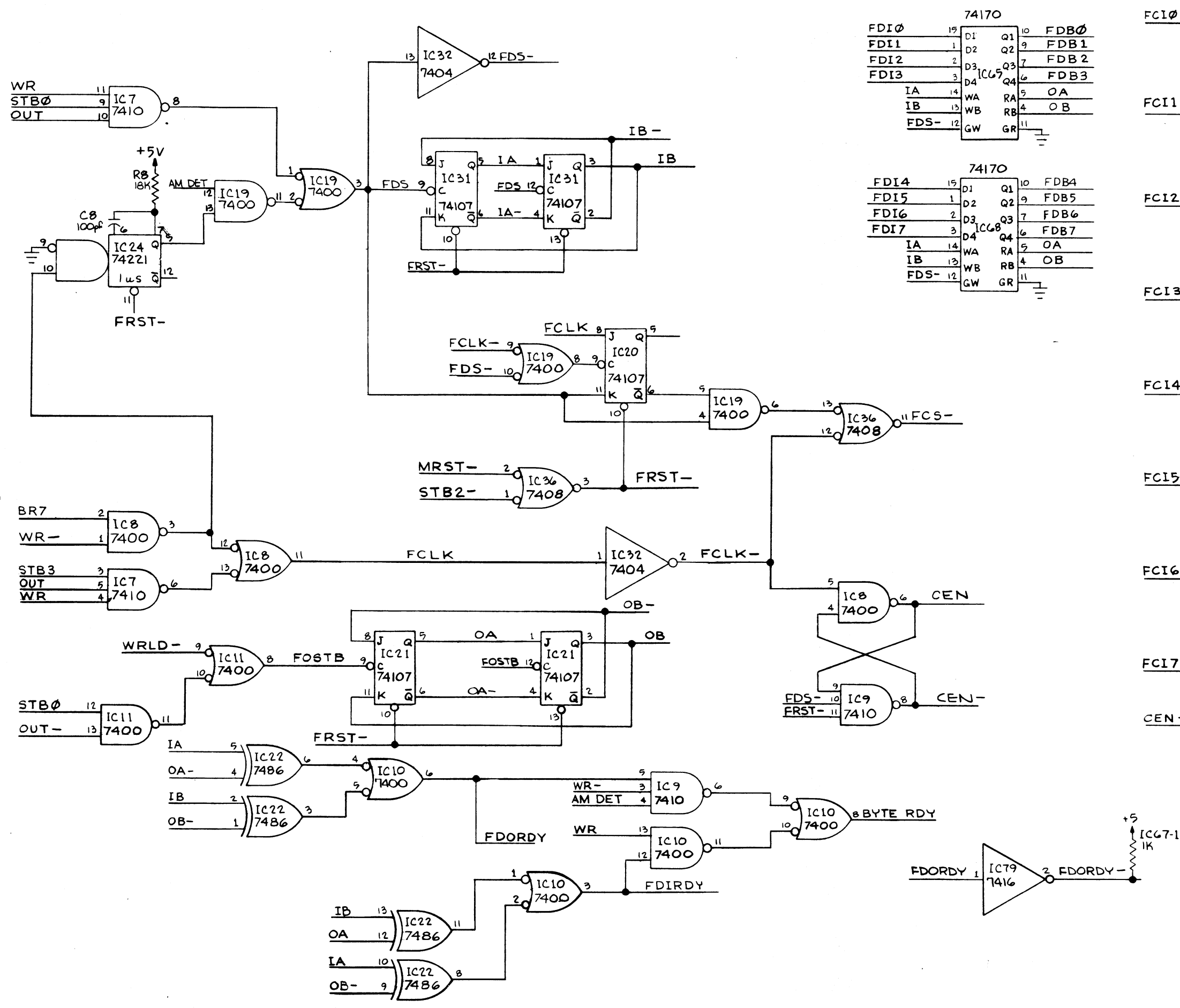
UNLESS OTHERWISE SPECIFIED			DRWN BY G.O'GRADY DATE 10-7-74		TITLE	
ALL DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING REMOVE BURRS AND BREAK EDGES 0.15 MAX			CHKD BY		SCHEMATIC Q1/LMC PROM BOARD	
TOLERANCES ON FRACTIONS DECIMALS ANGLES ± 1/64 ± .005 ± 1° NOT APPL. TO HOLE DIA.			MECH ENGR		Q1 CORPORATION 6 Dubon Court Farmingdale, New York 11735	
			ELEC ENGR		SIZE DWG. NO. REV D 004-51014 B	
DASH NEXT ASSY USED ON APPLICATION			APPROVED		SEE SEPARATE SHEET FOR LIST OF MATERIALS	
			RELEASE		SCALE SHEET 4 OF 4	



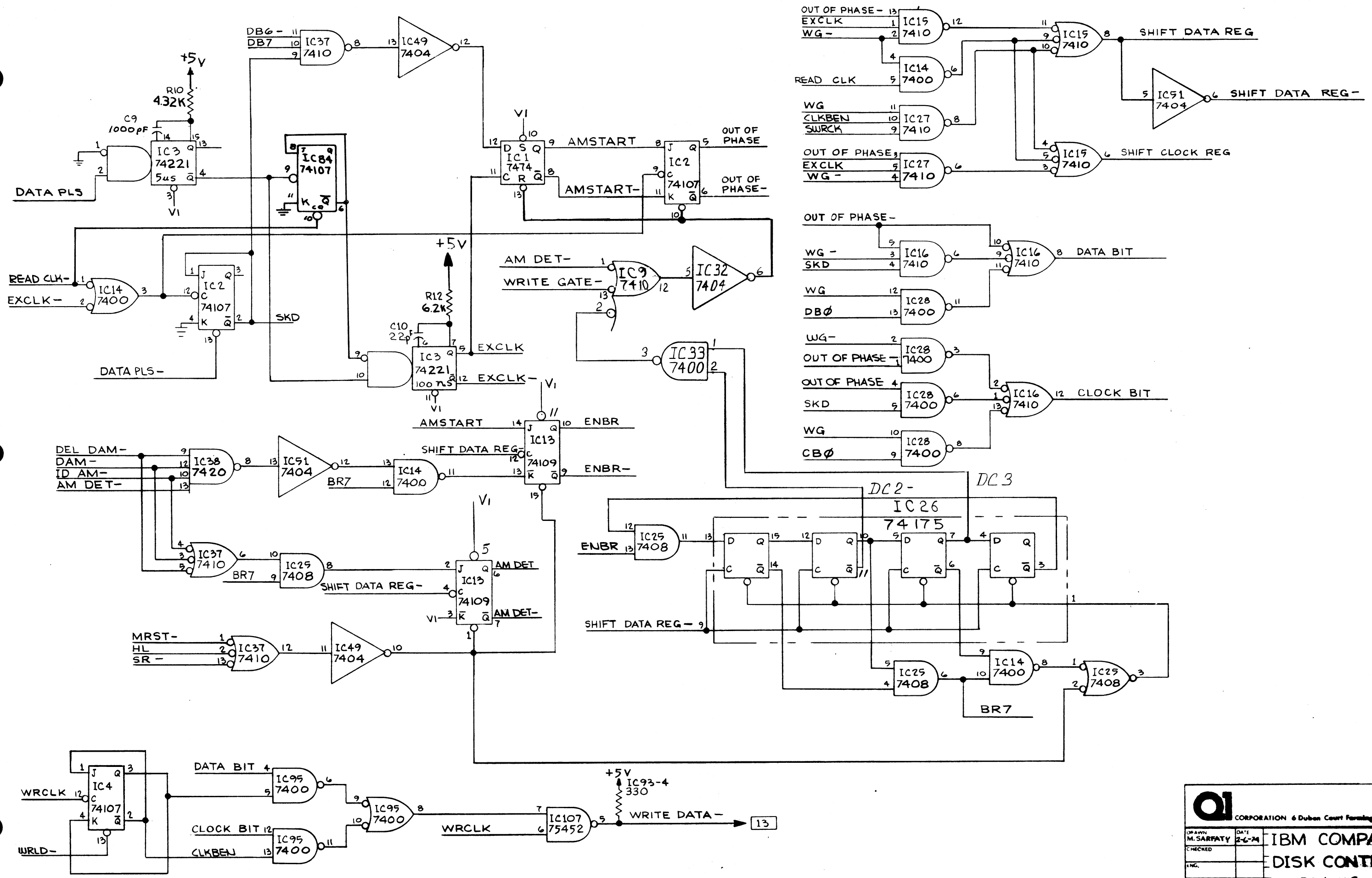




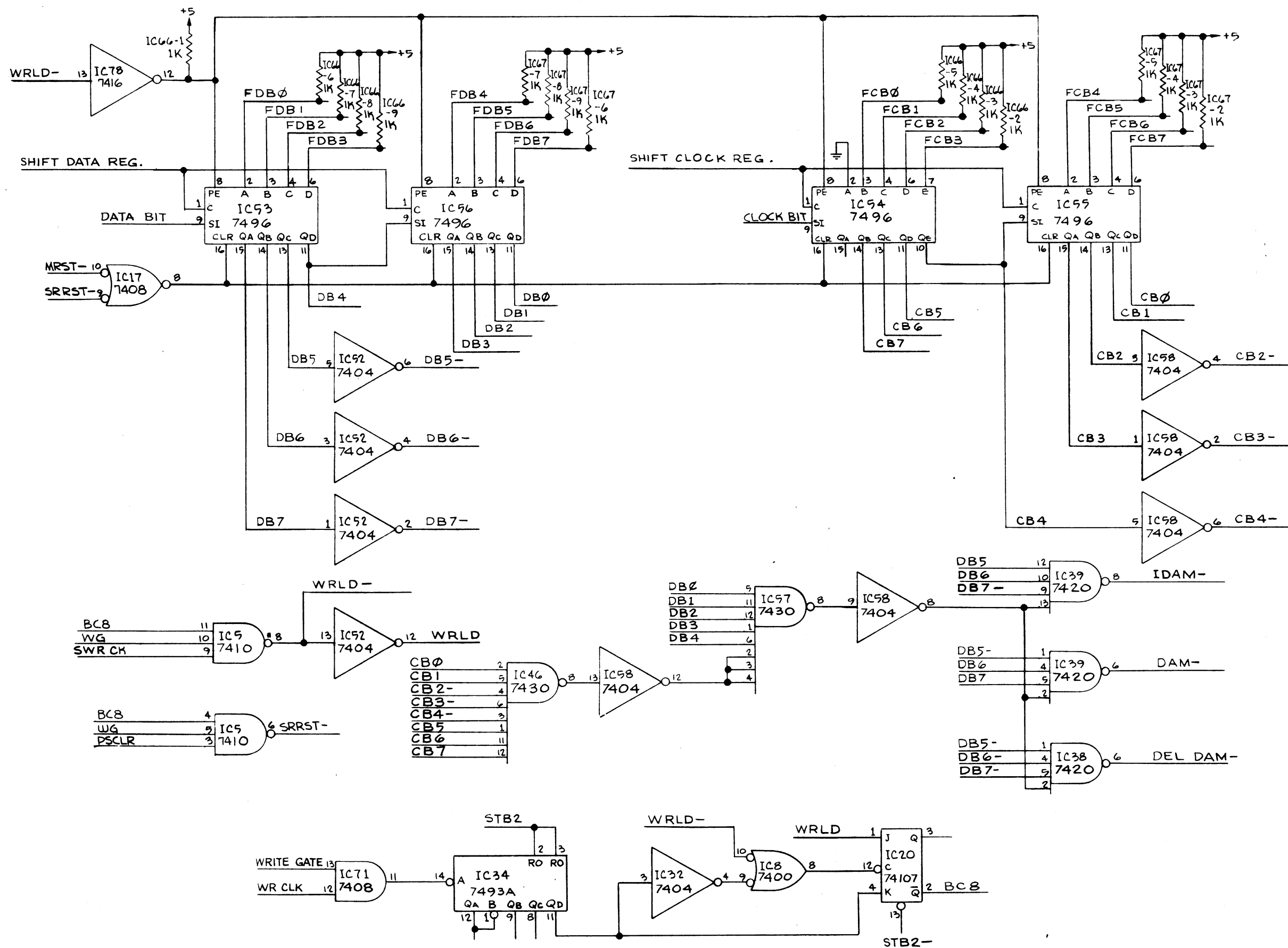




		CORPORATION 6 Dubon Court Farmingdale, New York 11735	
DESIGNED BY	W. SARFATY	CAT#	24-74
CHECKED		IBM COMPATIBLE	
ENG.		DISK CONTROLLER	
APPROVED		Q1/LEAC	
SIZE	D	004-51012	5-9

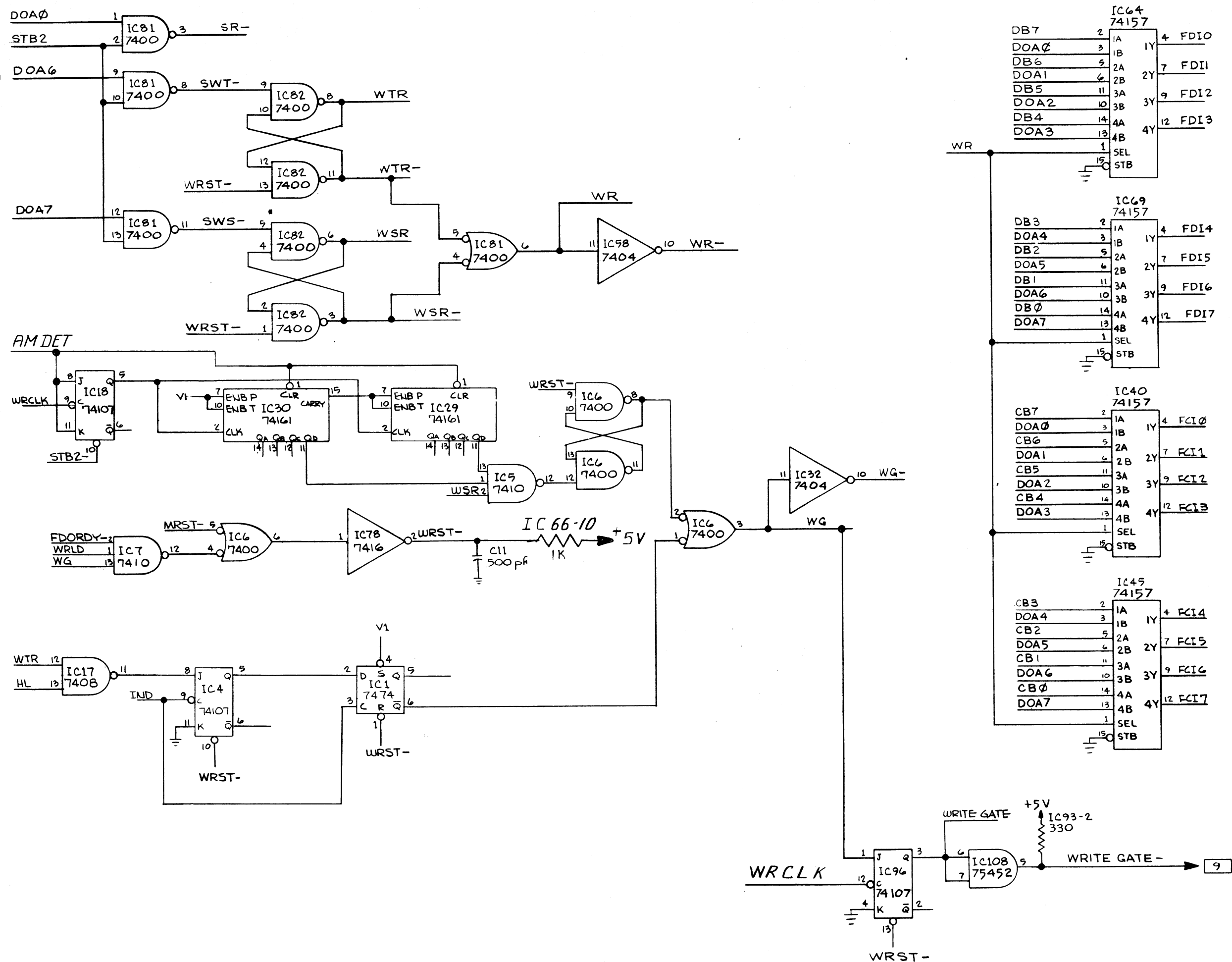


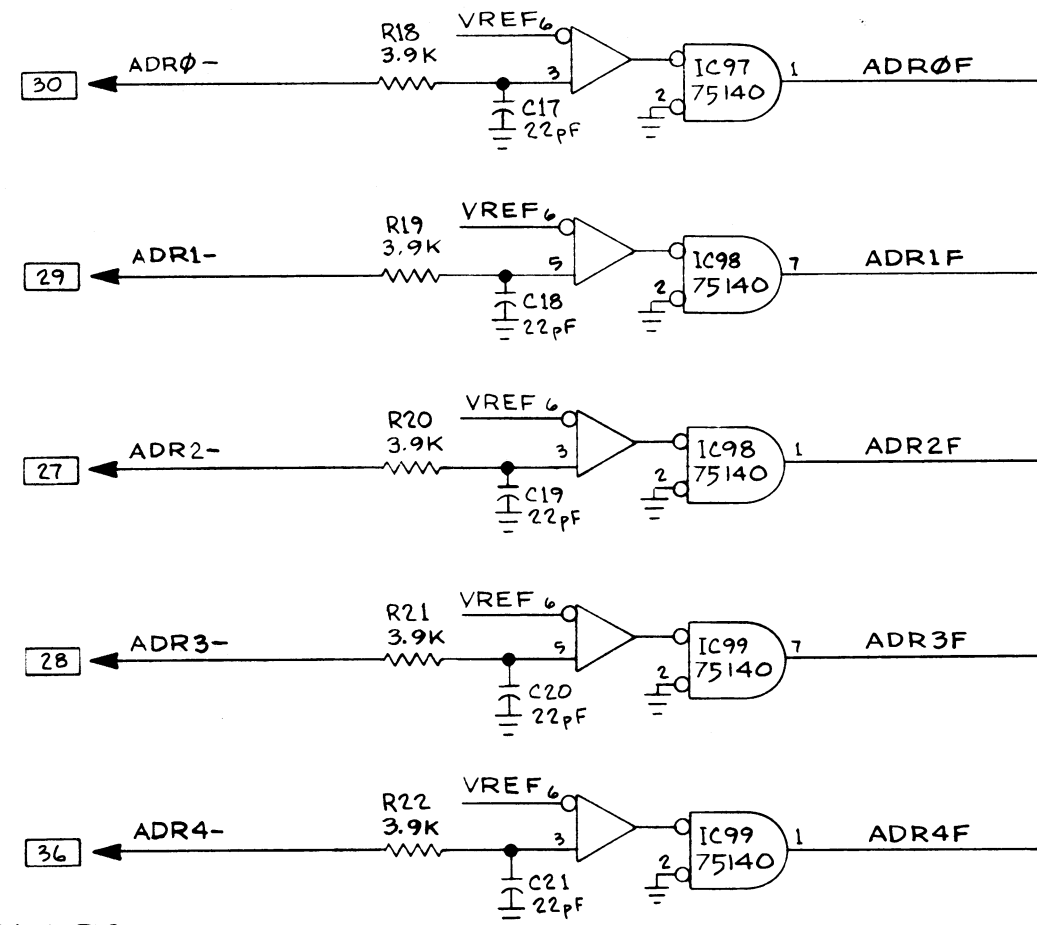
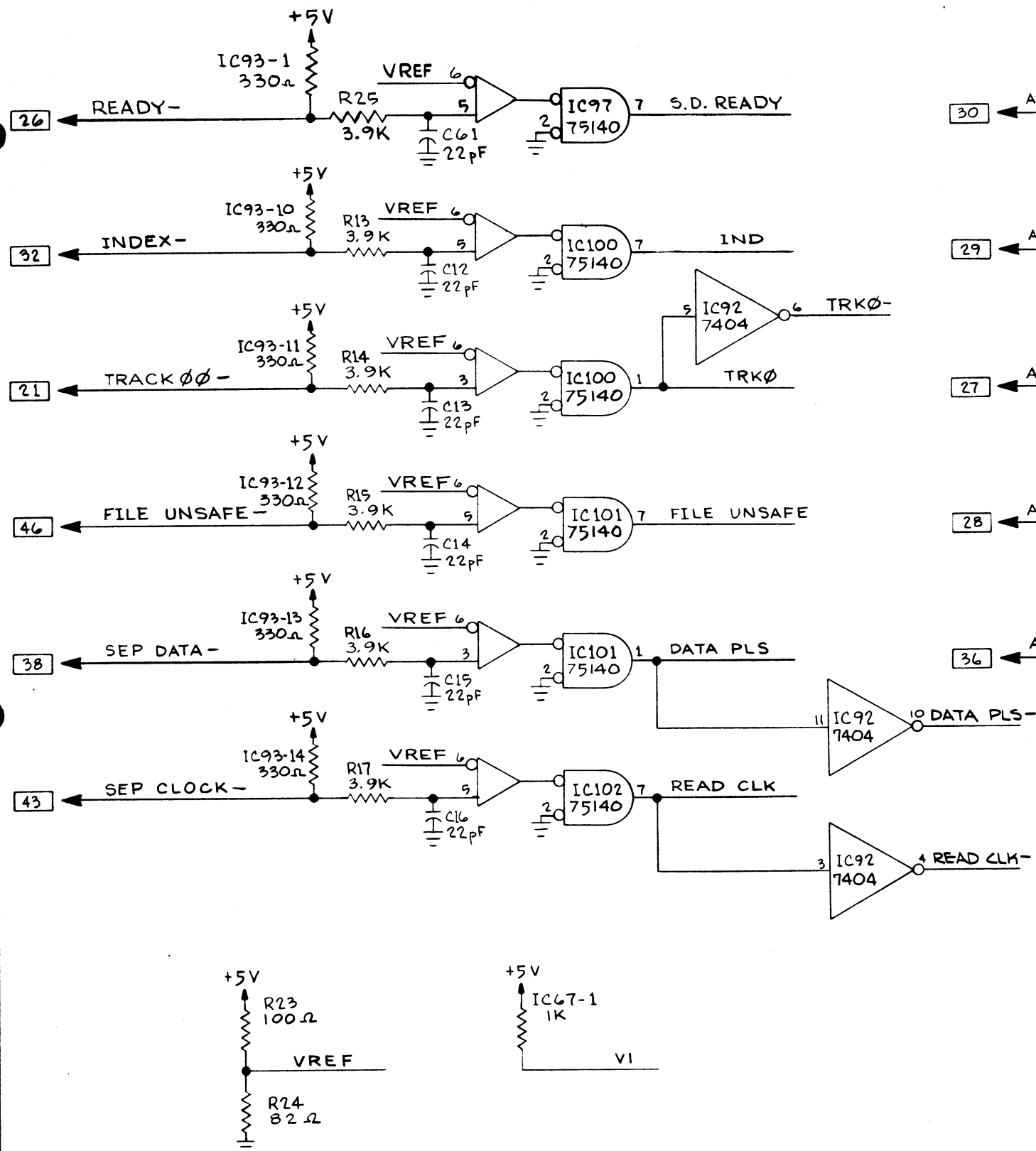




<b>Q1</b> CORPORATION 6 Dubon Court Farmingdale, New York 11735	
DESIGNED BY MSARFATY	DATE 2-8-74
CHECKED	
INSG.	
APPROVED	
SIZE	
D 004-51012 <b>E77P</b>	

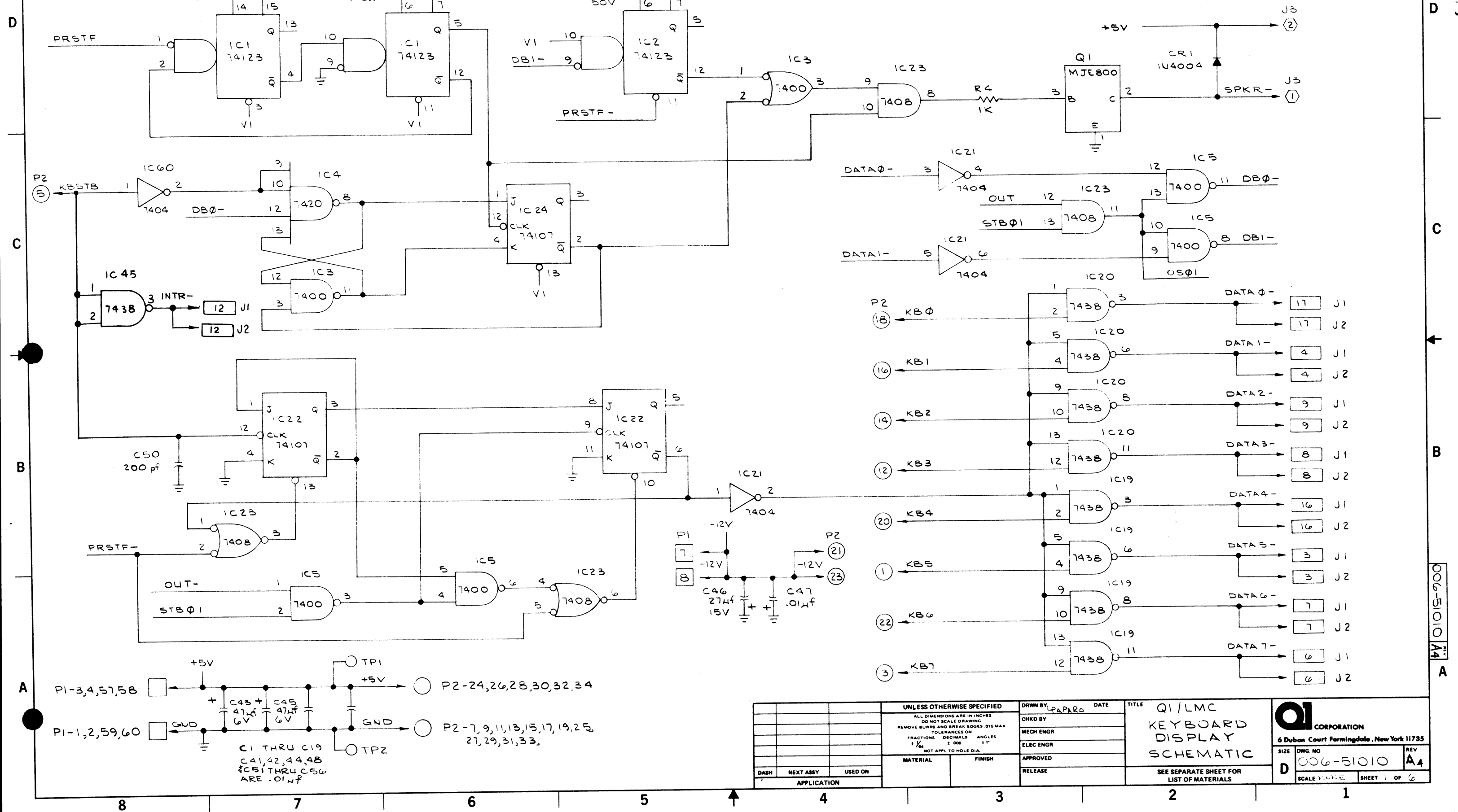
IBM COMPATIBLE  
DISK CONTROLLER  
Q1/LMC



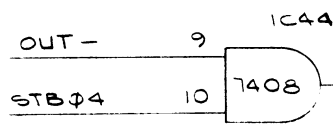
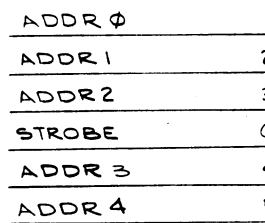



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REVISIONS				
LTR	ZONE	DESCRIPTION	DATE	BY
A		CORRECTED DOCUMENTATION ERRORS	12-30-76	LP
A1		SEE SHT 5 OF 6	2-19-76	LP
A2		SEE SHT 6 OF 6	3-10-76	LP
A3		SEE SHT 6 OF 6	4-22-76	LP
A4		SEE SHT 5 & 6	8-376	LP



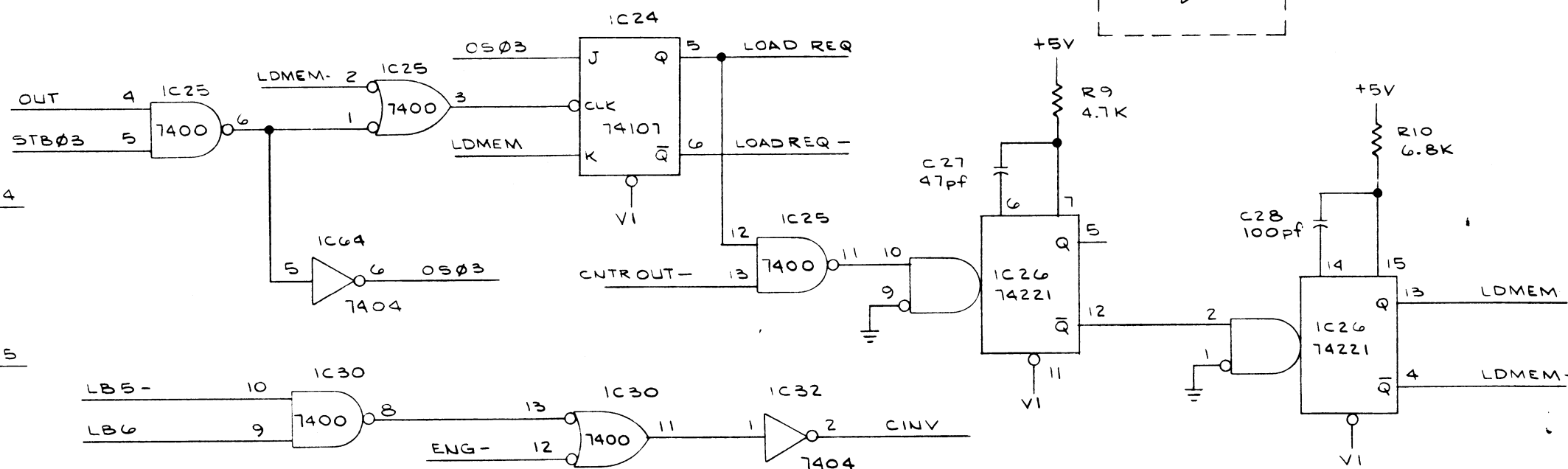
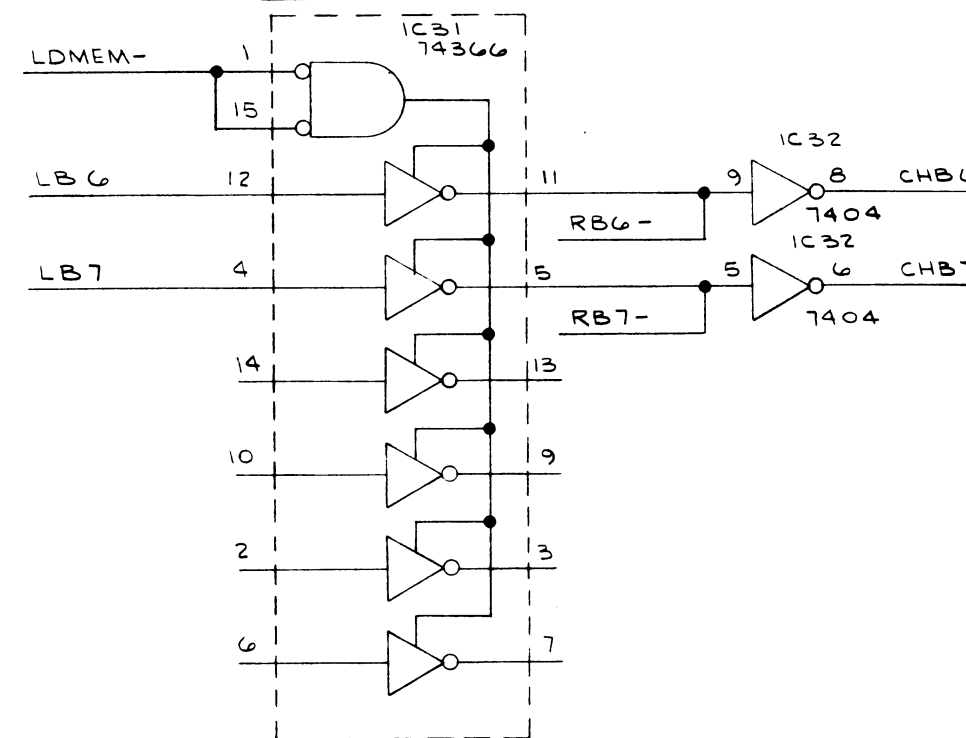
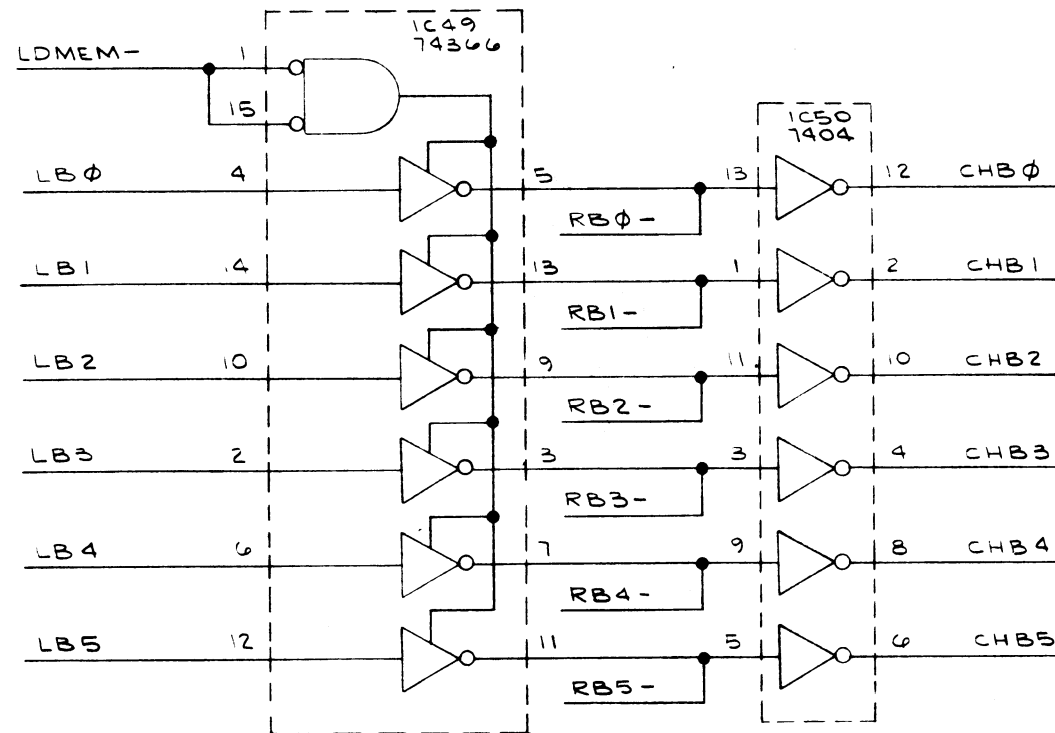
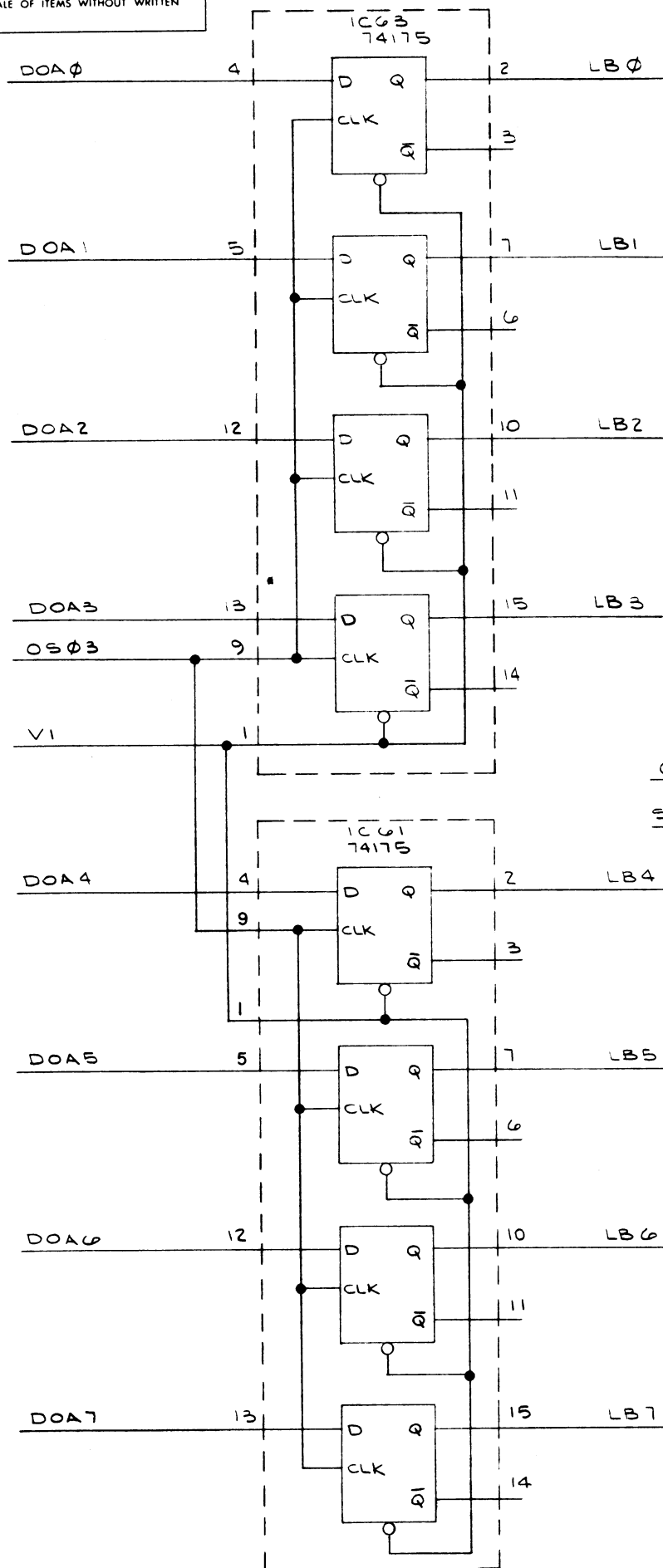
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			UNLESS OTHERWISE SPECIFIED		DRWN BY	DATE	TITLE	 CORPORATION 6 Dubon Court Farmingdale, New York 11735	
			ALL DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING REMOVE BURRS AND BREAK EDGES 0.15 MAX TOLERANCES ON FRACTIONS DECIMALS ANGLES ± 1/64 ± .008 ± 1° NOT APPL TO HOLE DIA.		CKMD BY		Q1/LMC KEY BOARD DISPLAY SCHEMATIC		
					MECH ENGR				
					ELEC ENGR				
			MATERIAL	FINISH	APPROVED			SIZE DWG. NO	REV
DASH	NEXT ASSY	USED ON			RELEASE		SEE SEPARATE SHEET FOR LIST OF MATERIALS	D 006-51010	A4
APPLICATION								SCALE NONE	SHEET 2 of 6

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REVISIONS				
LTR	ZONE	DESCRIPTION	DATE	BY
A		SEE SHT 10FG	12-30-75	CP
A1			2-19-76	
A2		SEE SHT 50FG	3-10-76	CP
A3		SEE SHT 60FG	4-22-76	CP
A4		SEE SHTS 5FG	8-3-76	CP

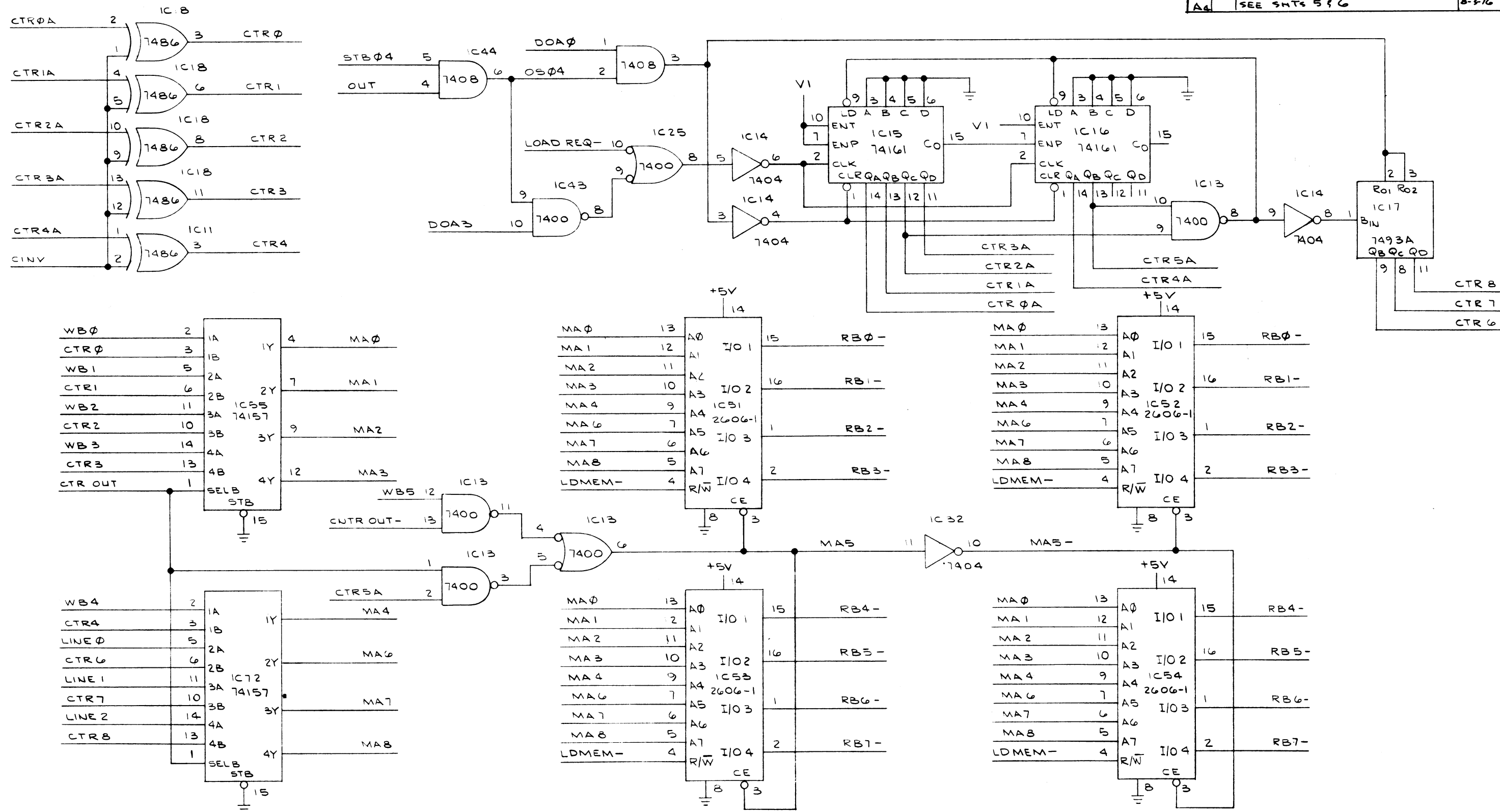


UNLESS OTHERWISE SPECIFIED		DRWN BY: LPAPARO	DATE: 11-2-75	TITLE: Q1/LMC KEYBOARD DISPLAY SCHEMATIC
ALL DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING REMOVE BURRS AND BREAK EDGES 015 MAX TOLERANCES ON FRACTIONS DECIMALS ANGLES 1/64 0.008 1° NOT APPL TO HOLE DIA.		CHKD BY: MECH ENGR	ELEC ENGR	APPROVED
MATERIAL		FINISH		
DASH		NEXT ASSY		
USED ON		RELEASE		
APPLICATION		SEE SEPARATE SHEET FOR LIST OF MATERIALS		
SIZE: D		DWG. NO: 006-51010		REV: A4
SCALE: NONE		SHEET 3 OF 6		

006-51010 A4

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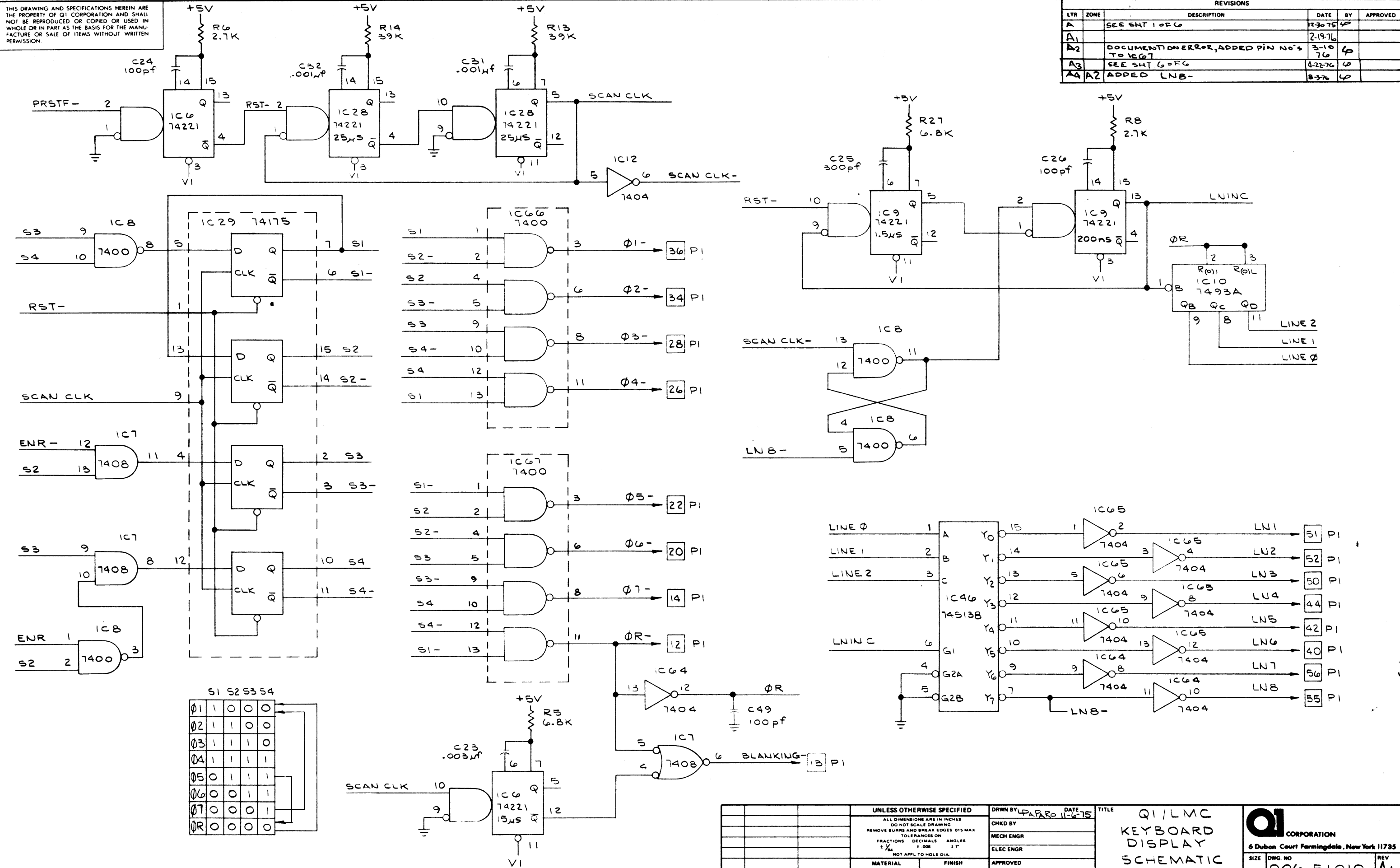
REVISIONS				
LTR	ZONE	DESCRIPTION	DATE	BY
A		SEE SHT 1 OF 6	12-1-75	4P
A1			2-19-76	
A2		SEE SHT 5 OF 6	3-10-76	4P
A3		SEE SHT 6 OF 6	4-28-76	4P
A4		SEE SHT 5 OF 6	8-3-76	4P



UNLESS OTHERWISE SPECIFIED			DRAWN BY: LPARO 11-6-75		DATE: 11-6-75		TITLE: Q1/LMC KEYBOARD DISPLAY SCHEMATIC		Q1 CORPORATION		6 Dubon Court Farmingdale, New York 11735	
ALL DIMENSIONS ARE IN INCHES			CHKD BY:						SIZE: DWG NO.		REV	
DO NOT SCALE DRAWING			MECH ENGR						D		A4	
REMOVE BURRS AND BREAK EDGES 0.15 MAX			ELEC ENGR						SCALE: NONE		SHEET 4 OF 6	
TOLERANCES ON FRACTIONS: DECIMALS: ANGLES: 1/4" 1.008 1"			APPROVED:						SEE SEPARATE SHEET FOR LIST OF MATERIALS			
NOT APPL TO HOLE DIA.			RELEASE:									
DASH	NEXT ASSY	USED ON	APPLICATION									

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REVISIONS				
LTR	ZONE	DESCRIPTION	DATE	BY
A		SEE SHT 1 OF 6	12-30-75	LP
A1			2-19-76	LP
A2		DOCUMENTATION ERROR, ADDED PIN NO'S TO IC67	3-10-76	LP
A3		SEE SHT 6 OF 6	4-22-76	LP
A4	A2	ADDED LNB-	8-3-76	LP



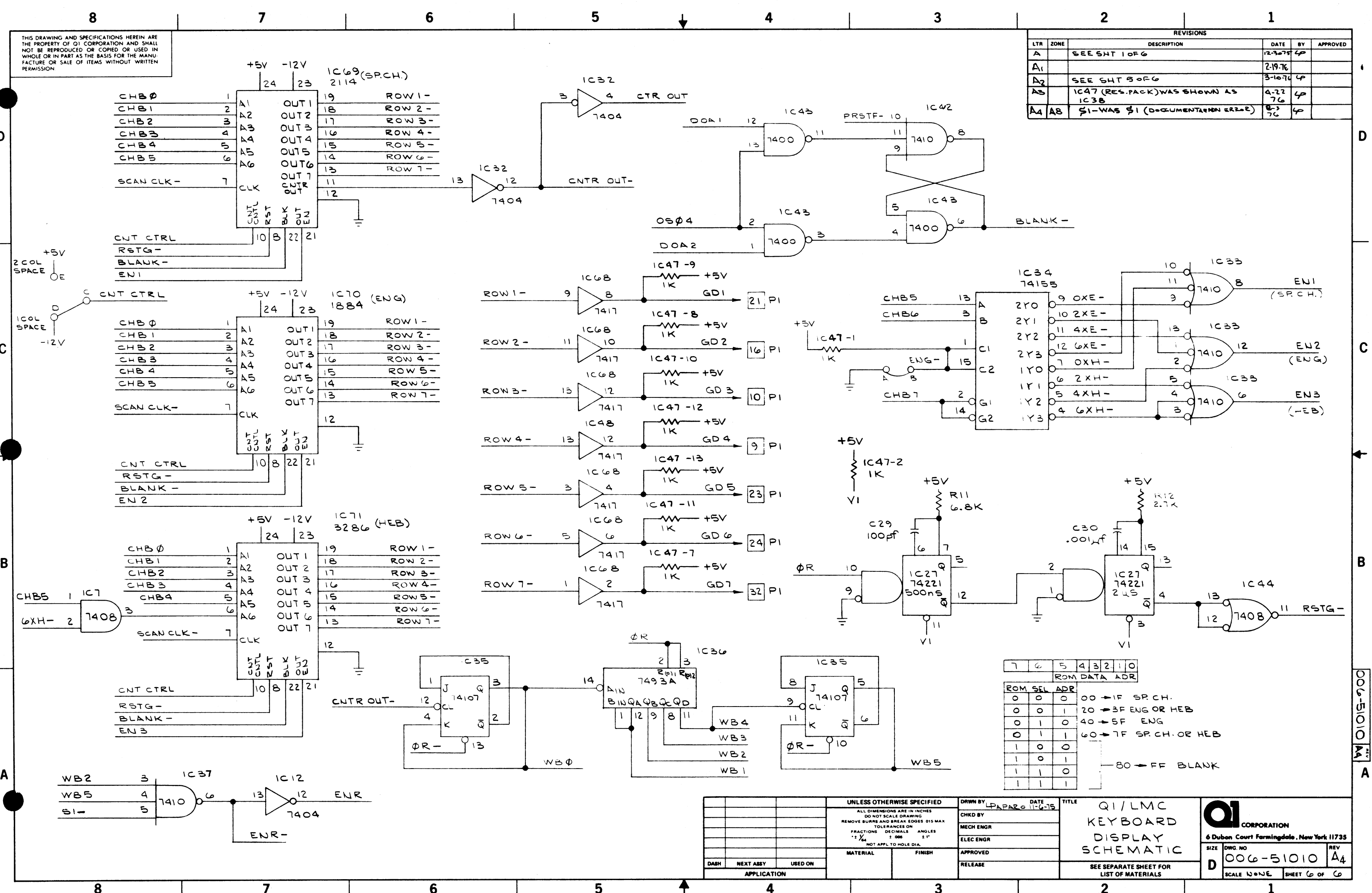
UNLESS OTHERWISE SPECIFIED		DRWN BY: LPAPR 11-6-75	DATE: 11-6-75	TITLE: Q1/LMC KEYBOARD DISPLAY SCHEMATIC
ALL DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING REMOVE BURRS AND BREAK EDGES 015 MAX TOLERANCES ON FRACTIONS DECIMALS ANGLES 1/64 .006 .015 NOT APPL. TO HOLE DIA.		CHKD BY:	MECH ENGR	ELEC ENGR
MATERIAL		APPROVED		RELEASE
APPLICATION		SEE SEPARATE SHEET FOR LIST OF MATERIALS		SCALE: NONE

SIZE: D	OWG. NO: 006-51010	REV: A4
SHEET 5 OF 6		



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REVISIONS				
LTR	ZONE	DESCRIPTION	DATE	BY
A		SEE SHT 1 OF 6	12-30-75	CP
A1			2-19-76	
A2		SEE SHT 5 OF 6	3-10-76	CP
AS		IC47 (RES. PACK) WAS SHOWN AS IC38	4-22-76	CP
A4	AS	\$1-WAS \$1 (DOCUMENTATION ERROR)	8-3-76	CP



7	6	5	4	3	2	1	0
ROM DATA ADDR							
0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0
0	1	0	0	0	0	0	0
0	1	1	0	0	0	0	0
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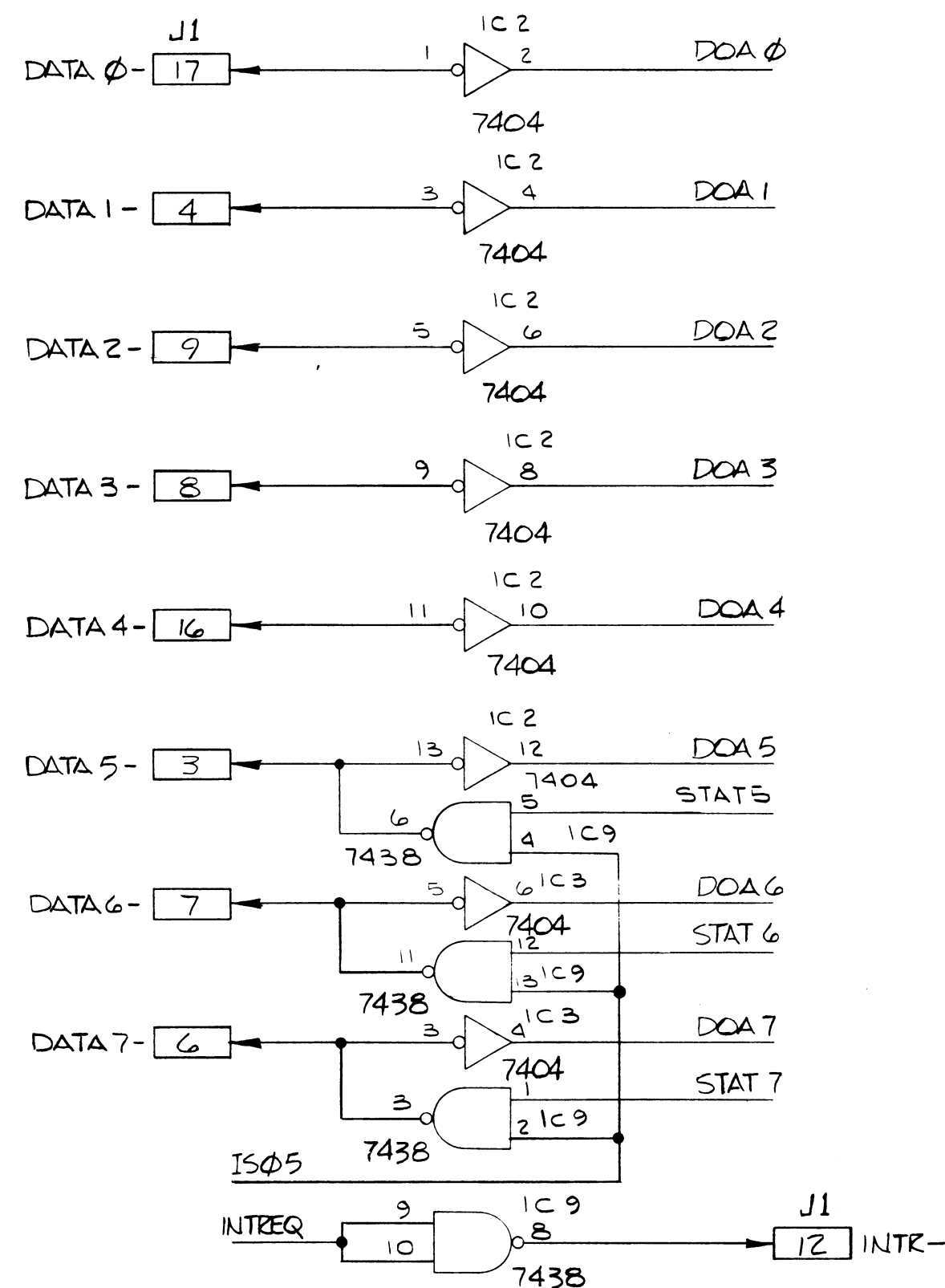
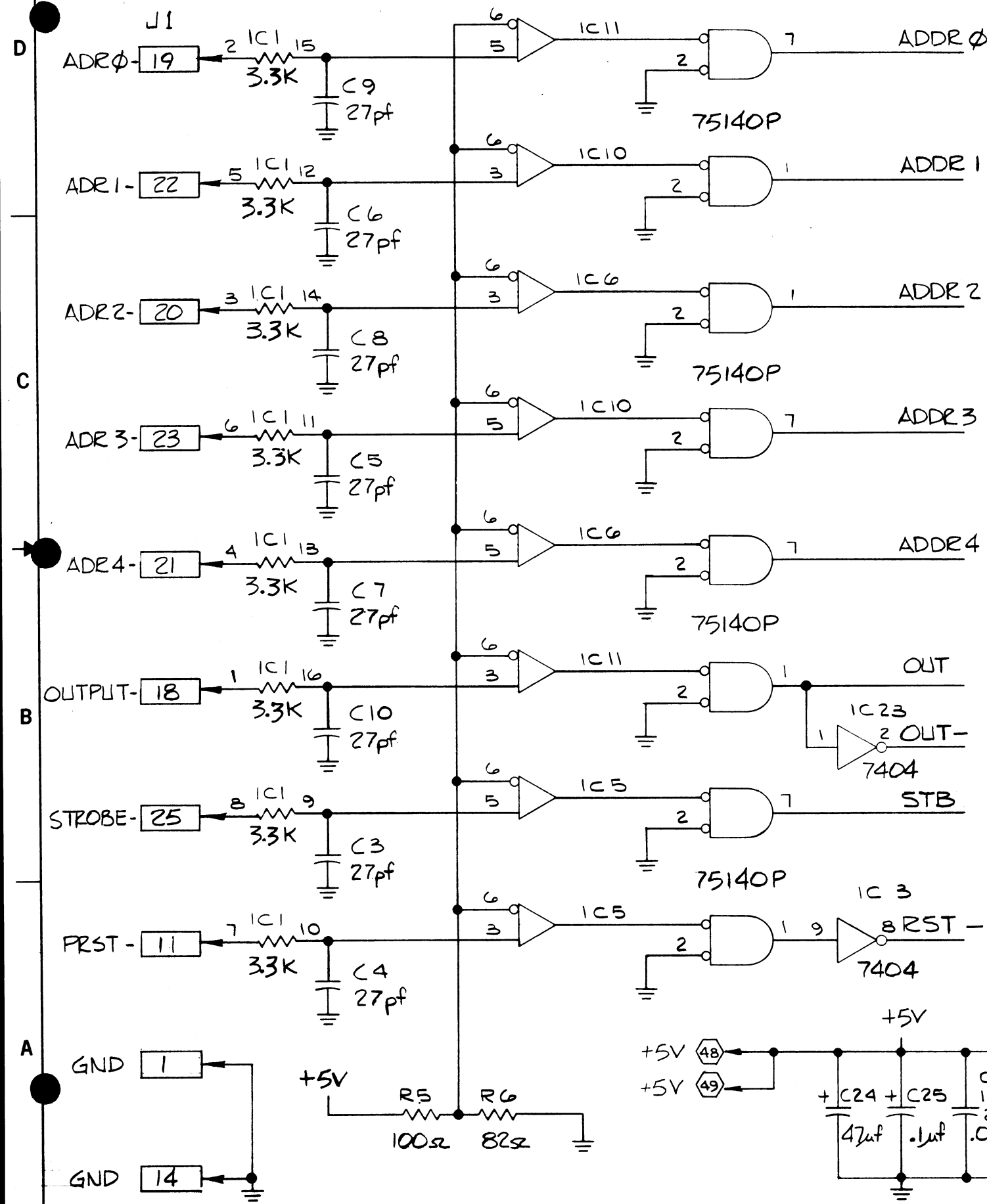
00 → IF SRCH.  
20 → 3F ENG OR HEB  
40 → 5F ENG  
60 → 7F SRCH OR HEB  
80 → FF BLANK

			UNLESS OTHERWISE SPECIFIED		DRWN BY	DATE	TITLE	
			ALL DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING REMOVE BURRS AND BREAK EDGES 015 MAX TOLERANCES ON FRACTIONS    DECIMALS    ANGLES +1/64           ± .006        ± 1°		CHKD BY		Q1/LMC KEYBOARD DISPLAY SCHEMATIC	
			NOT APPL. TO HOLE DIA.		MECH ENGR			
					ELEC ENGR			
DASH	NEXT ASSY	USED ON	MATERIAL	FINISH	APPROVED		SEE SEPARATE SHEET FOR LIST OF MATERIALS	
APPLICATION					RELEASE			

		CORPORATION	
6 Dubon Court Farmingdale, New York 11735			
SIZE	DWG. NO	REV	
D	006-51010	A4	
SCALE NONE		SHEET 6 OF 6	

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REVISIONS				
LTR	ZONE	DESCRIPTION	DATE	BY
B		CORRECTED DOCUMENTATION ERRORS	1-13-76	LP
B1		27pF CAPS WERE 22pF	2-10-76	LP

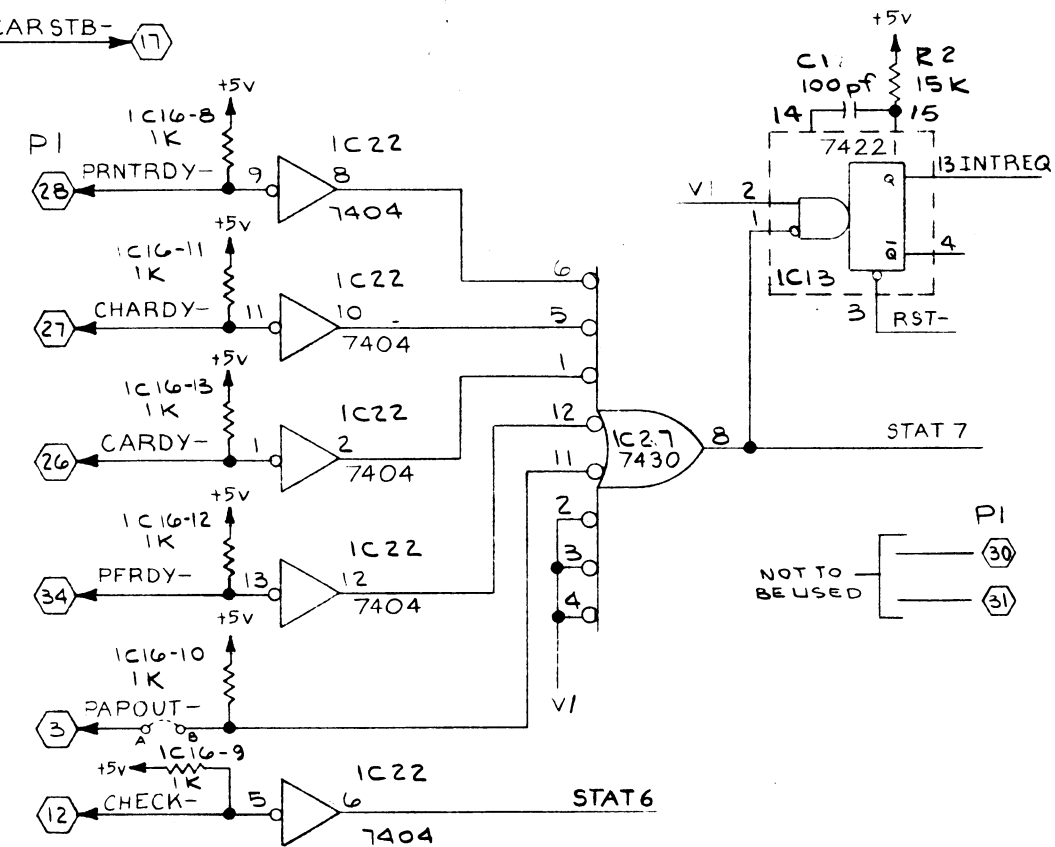
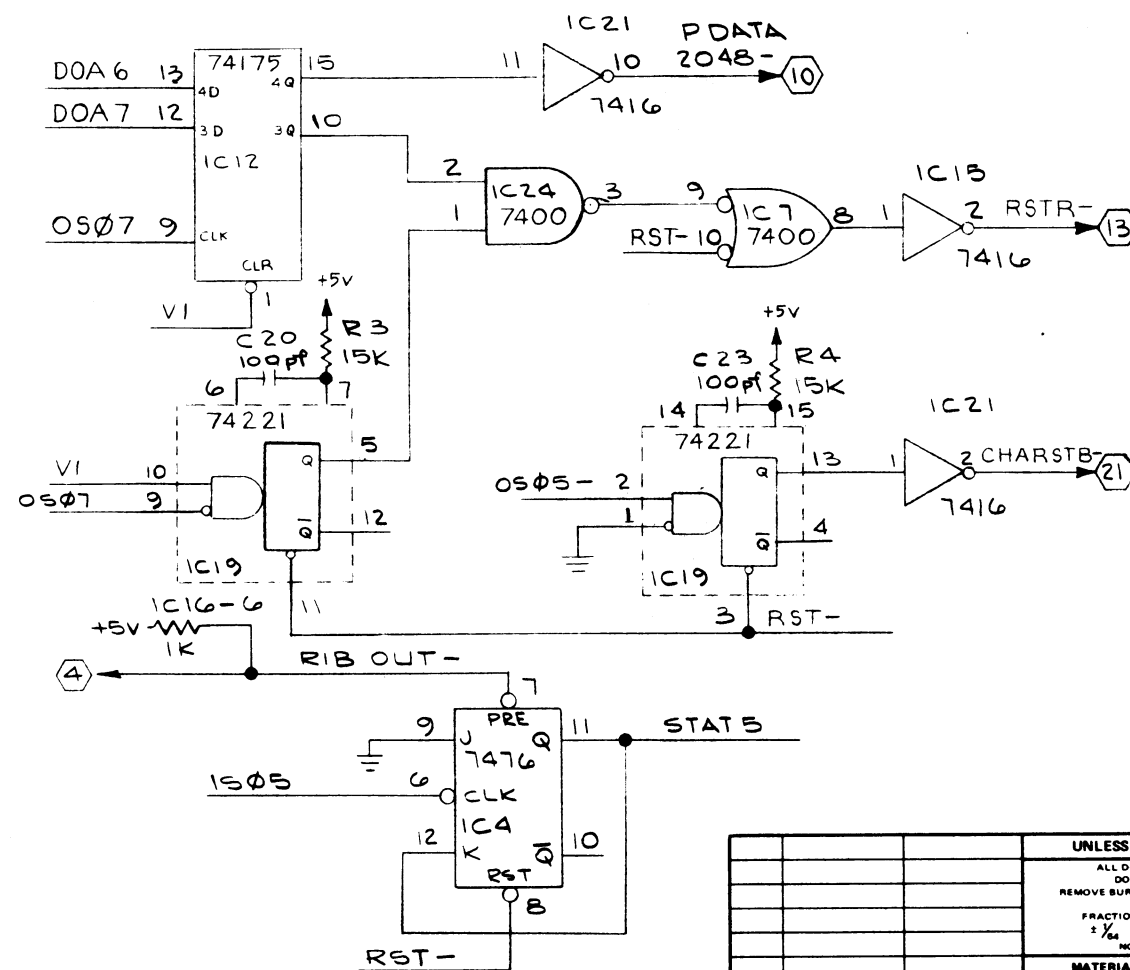
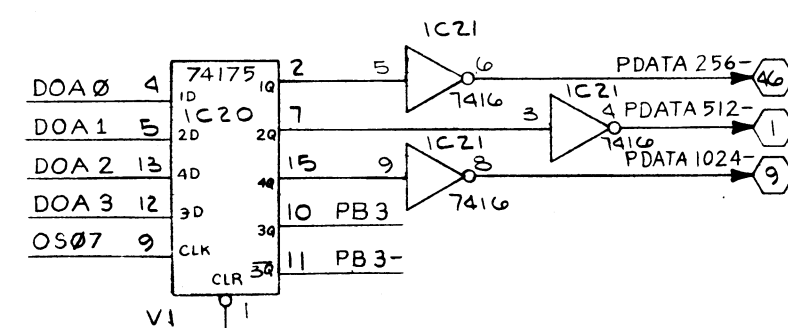
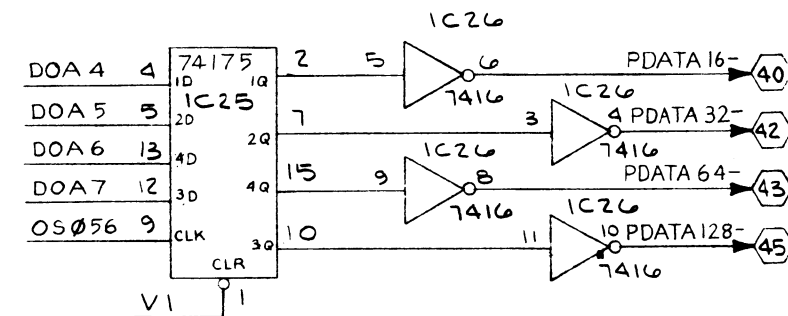
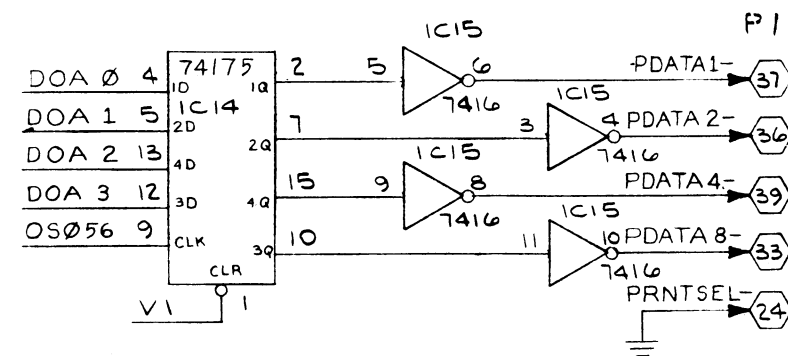
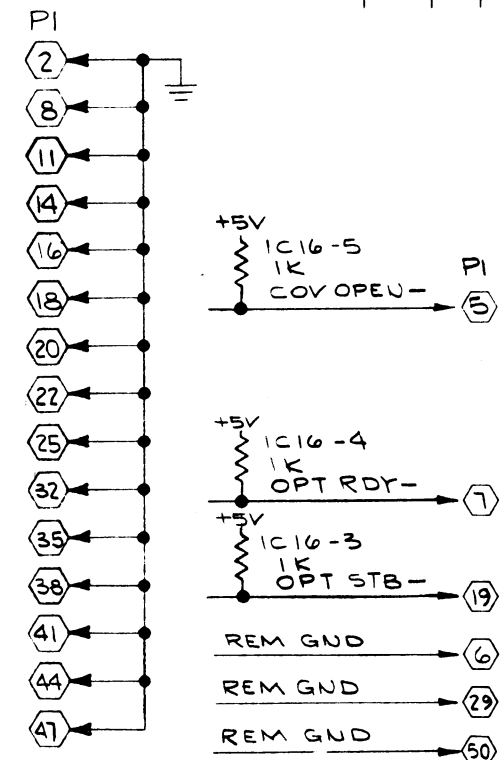
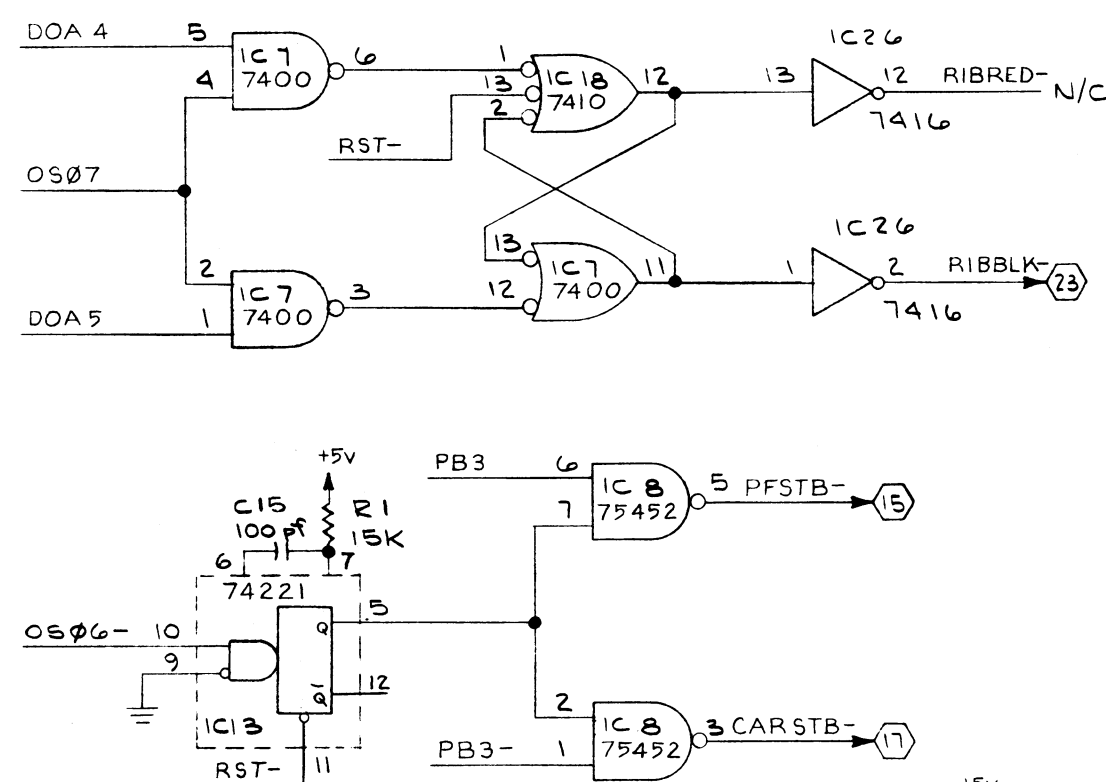
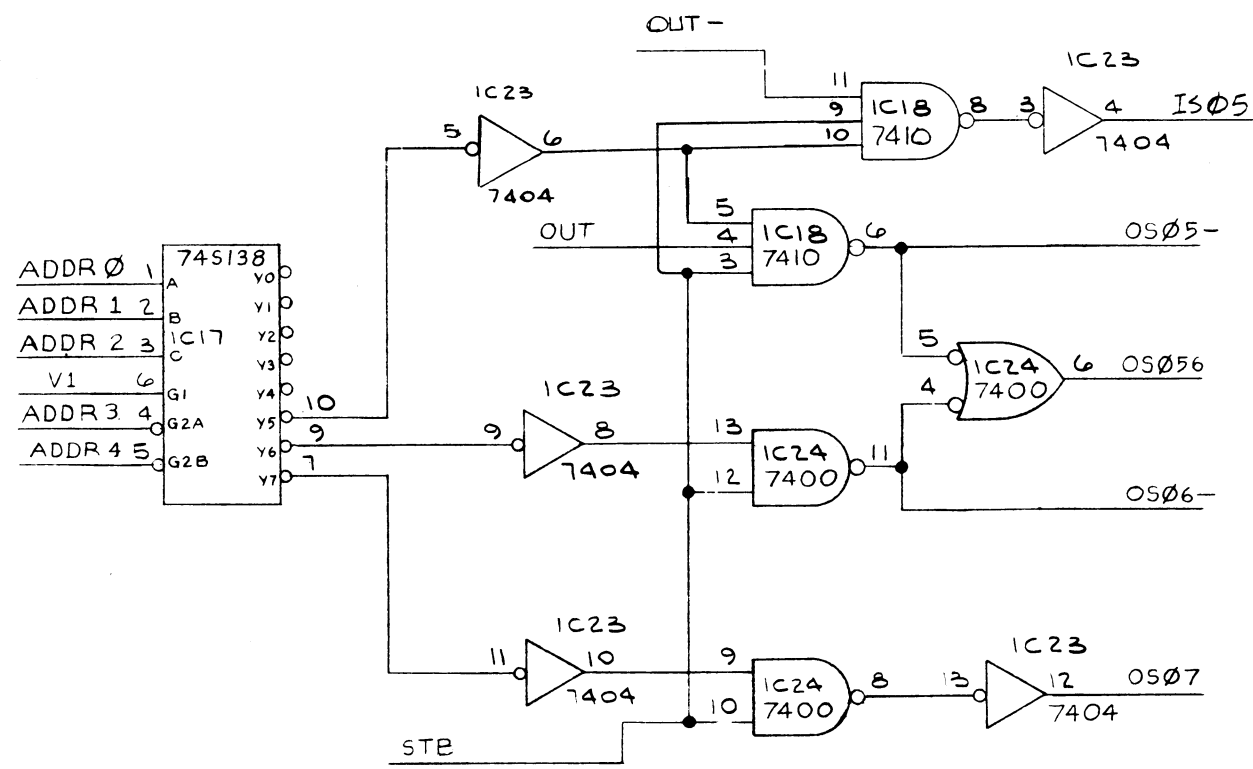


UNLESS OTHERWISE SPECIFIED				DRAWN BY		DATE		TITLE	
ALL DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING REMOVE BURRS AND BREAK EDGES .015 MAX TOLERANCES ON FRACTIONS DECIMALS ANGLES ±.005 ±.005 ±.005 NOT APPL. TO HOLE DIA.				CHKD BY		11-6-75		QI/LMC PRINTER INTERFACE	
MATERIAL				FINISH		APPROVED		SEE SEPARATE SHEET FOR LIST OF MATERIALS	
DASH				NEXT ASSY		USED ON		SCALE	
APPLICATION				RELEASE		REV		SHEET 1 OF 2	

QI CORPORATION		6 Dubon Court Farmingdale, New York 11735	
SIZE	DWG. NO.	REV	
D	006-51005	B1	
SCALE	1/2"	SHEET	1 OF 2

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REVISIONS					
LTR	ZONE	DESCRIPTION	DATE	BY	APPROVED
B		SEE SHT 10F2	1-13-76	CP	



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