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Remittance Processing System, Volume II (Reference Volume I)

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National Bureau of Standards
Washington, D. C. 20234

September 1974

Interagency Report

Prepared for
Internal Revenue Service
Systems Development Division
Washington, D. C. 20224

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16. ABSTRACT (A 200-word or less factual summary of most significant information. If document includes a significant bibliography or literature survey, mention it here.) The Remittance Processing System is a prototype developed for the Internal Revenue Service to test a new concept in automating the processing of taxpayer remittances. Central to the new processing concept was the integration of the Direct Data Entry System. Initial Entry Station with equipment components that would eliminate a number of individual manual operations, permit operator interface with the central DDES computer, and provide for verification of initial entry, check endorsement, audit trail data, remittance documentation, and affixing information to taxpayer documentation accompanying the remittance. This report describes the equipment which was configured to implement these processes and to demonstrate the viability of the concept.		14. Sponsoring Agency Code IRS	
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U. S. DEPARTMENT OF COMMERCE, Frederick B. Dent, Secretary

NATIONAL BUREAU OF STANDARDS, Richard W. Roberts, Director

Remittance Processing System
Volume II
(Reference Volume I)

This volume contains the drawings for the Remittance Processing System described in Volume I.

RPS Drawing List

- 2.0 Remittance Processing System Controller (RPSC)
- 3.0 Remittance Processing Device (RPD)
- 4.0 S102/S103 Modifications
- 5.0 Teletype Modifications
- 6.0 Control Panel and Display
- 7.0 RPD Console
- 8.0 Labeler
- 9.0 Test Equipment

NOTE: In several instances precise identification of a product(s) has been made because the product is a part of an assembly or device and is a part whose physical dimensions or technical characteristics must, in the even of injury or failure, be duplicated exactly in a successful replacement part. In no case does such identification imply recommendation or endorsement by the National Bureau of Standards, nor does it imply that the material or equipment identified is necessarily the best available for the purpose.

2.0 RPSC

2.1 Transparency

- 2.1.1 Priority, T SET, Carr. Det, DTR
- 2.1.2 CTS, DSR
- 2.1.3 RTS, RSET
- 2.1.4 Transmit Data
- 2.1.5 Receive Data
- 2.1.6 Local Clock
- 2.1.7 Output Circuits for the OCI Data Link
- 2.1.8 LED Indicators
- 2.1.9 Noise Decoupler
- 2.1.10 Power-Monitor for Switching T-BAR Relay
- 2.1.11 Wire Chart for T-BAR Bridging Relay

2.2 Data Flow

- 2.2.1 Shift Register
- 2.2.2 Longitudinal Parity Register
 - 2.2.3.1 Character Generator, MU, MN
 - 2.2.3.2 Character Generator Gating
 - 2.2.3.3 Character Generator Codes
- 2.2.4 Address Register
 - 2.2.4.1 Control Signals to Annex Sheet 1 of 2
 - 2.2.4.2 Control Signals to Annex Sheet 2 of 2
- 2.2.5.0 Address Register Select "0"
 - 2.2.5.1 Address Register Select "1"
 - 2.2.5.2 Address Register Select "2"
 - 2.2.5.3 Address Register Select "3"

- 2.2.5.4 Address Register Select "4"
- 2.2.5.5 Address Register Select "5"
- 2.2.5.6 Address Register Select "6"
- 2.2.5.7 Address Register Select "7"
- 2.2.6.0 Output Drive for Select "0"
 - 2.2.6.1 Output Drive for Select "1"
 - 2.2.6.2 Output Drive for Select "2"
 - 2.2.6.3 Output Drive for Select "3"
 - 2.2.6.4 Output Drive for Select "4"
 - 2.2.6.5 Output Drive for Select "5"
 - 2.2.6.6 Output Drive for Select "6"
 - 2.2.6.7 Output Drive for Select "7"
- 2.2.7 No Address, SBZ
- 2.2.8 RPSC Master Reset
- 2.3 Control Circuits
 - 2.3.1 Advance Phase Counter
 - 2.3.2 Abort; FIN; Ld Brf.1; GXM Inh; XSel
 - 2.3.3 Phase Counter
 - 2.3.4 Reset Phase Counter
 - 2.3.5 Character Clock Generator
 - 2.3.6 ETXD; \overline{PE}
 - 2.3.7 CL1; CL2; LP Str.; XChC₁; 4CF
- 2.4 Reply
 - 2.4.1 Data Out Gating
 - 2.4.2 ROM Bit Counter
 - 2.4.3 Priority Transmit
 - 2.4.4.1 Output Buffers
 - 2.4.4.2 Output Buffer Control

- 2.4.5 Station Priority
 - 2.4.5.0 Station Priority AKL ϕ
 - 2.4.5.1 Station Priority AKL 1
 - 2.4.5.2 Station Priority AKL 2
 - 2.4.5.3 Station Priority AKL 3
 - 2.4.5.4 Station Priority AKL 4
 - 2.4.5.5 Station Priority AKL 5
 - 2.4.5.6 Station Priority AKL 6
 - 2.4.5.7 Station Priority AKL 7

2.4.6 Address Switch Gating

2.4.7 Control Signals

2.4.8 Control Signals from Annex

2.5 RPAN (RPSC ANNEX)

2.5.1 LGS, LA1, LA ϕ

2.5.2 X8, X9, X10, X11, PC1, PC ϕ , LOSW

2.5.3 AK8

2.5.4 AK9

2.5.5 AK10

2.5.6 AK11

2.5.7 LSW ϕ

2.5.8 LSW 1

2.5.9 LSW 2

2.5.10 LSW 3

2.5.11 LSW 4

- 2.5.12 LDTA
- 2.5.13 SEL 8
- 2.5.14 SEL 9
- 2.5.15 SEL 10
- 2.5.16 SEL 11
- 2.5.17 CA ϕ , CA1, CA2, CA3, CA4, ANEN, MRST
- 2.5.18 CIK, DT, CL1, CL2, XCHCL, P3
- 2.5.19 8 Outputs
- 2.5.20 9 Outputs
- 2.5.21 10 Outputs
- 2.5.22 11 Outputs
- 2.5.23 LOIGN, LOBZ
- 2.5.24 SW 8
- 2.5.25 HDRE
- 2.5.26 SW 9
- 2.5.27 SW 10
- 2.5.28 HDRE
- 2.5.29 SW 11
- 2.6.1 Integrated Circuit Layout RPS Controller
- 2.6.2 Integrated Circuit List RPS Controller

3.0 RPD

3.1 Common Control

- 3.1.1 BZ, ACK, MSGEN

- 3.1.2 CLRM, CLRMC₁
 - 3.1.3 ABORT RAAC, LGT, CCF
 - 3.1.4 Longitudinal Parity
 - 3.1.5 Shift Register
 - 3.1.6 Ld Mcr, Ld AT, Ld Doc, Ld TTy
 - 3.1.7 Lateral Parity
 - 3.1.8 OK Pr.
 - 3.1.9 Timing Pulses
 - 3.1.10 Mn $\phi \rightarrow$ Mn 7; M; $\phi \rightarrow$ M; 15
 - 3.1.11 +; V; ?; ETX, CCer
 - 3.1.12 SLd, SLd C , GSD
- 3.2 TTY LISTER CONTROL
- 3.2.1 THRL (TTY Control)
 - 3.2.2 TA $\phi \rightarrow$ TA7 Address Counter
 - 3.2.3.0 TM ϕ
 - 3.2.3.1 TM 1
 - 3.2.3.2 TM 2
 - 3.2.3.3 TM 3
 - 3.2.3.4 TM 4
 - 3.2.3.5 TM 5
 - 3.2.3.6 TM 6
 - 3.2.4 Teletype Data
 - 3.2.5 Teletype OK
 - 3.2.6 FFF
 - 3.2.7 TETX

- 3.2.8 TD $\phi \rightarrow$ TD 6
- 3.2.9 TTy 1 (Ribbon Motion)
- 3.2.10 FF, TAB TTy 2 \rightarrow TTy 4
- 3.3.1 ATEN; ATP _{μ}
- 3.3.2 AT C₁
- 3.3.3 ATDT (Memory)
- 3.3.4 Address Counter AA $\phi \rightarrow$ AA6
- 3.3.5 F_n Scw; AA7
- 3.3.6 ATOK
- 3.4.1 DcEn; Dc Pr
- 3.4.2 DcC₁
- 3.4.3 Dc Dt (Memory)
- 3.4.4 Shift register DD ϕ , DD1, DD2, DD3, Print Command
- 3.4.5 Address Register
- 3.4.6 Data 2° \rightarrow 2⁴
- 3.4.7 Dc OK, DERR
- 3.5.1 MCREN, MCR PR
- 3.5.2 MCR C₁
- 3.5.3 Address Counter MA ϕ -MA6
- 3.5.4 MDt (Memory)
 - 3.5.5.1 GMD P, S, 1, 2, 4, 8, 16
 - 3.5.5.2 KBS 1, 2, 4, 8, 16
- 3.5.6 MCR OK
- 3.5.7 BFIN; McR2-; MCR5
- 3.5.8 EOES; DEES
- 3.5.9 I BRPR-; IAM

- 3.5.10 II IAT; NATPR; GAT
- 3.5.11 III NFAT; RMAC; LDBR; LPMCR
- 3.5.12 IV RPT PL; CLRBR; RPBR
- 3.5.13 V MAN
- 3.5.14 VI MSTRS-
- 3.5.15 V FATF
- 3.6.1 Integrated Circuit Layout RPD

Section V

Modifications of the Model 37

Teletype for the RPD

List of Drawings

- 5.1 AC Power Circuits
TTY Dwg. No. 1022 SD-B1
- 5.2 DC Power Supply Circuits
TTY Dwg. No. 1022 SD-B2
- 5.3 Selector Magnet Driver
TTY Dwg. No. 1022 SD-B4
- 5.4 Alarm Circuits
TTY Dwg. No. 1022 SD-B5
- 5.5 End of Line and Low Paper Alarm Modified
Stunt Box, Modified Ribbon Shift

6.0 Manual Control and Error Display

- 6.1.1 Proceed, Repeat, Cancel, All-
- 6.1.2 Buzz, "Go"
- 6.1.3 Check, MICR, 813
- 6.1.4 Label, Ribbon, Paper
- 6.1.5 Low, Jam, Stop
- 6.1.6 Out, Yellow, Red
- 6.1.7 Power light, ALRD
- 6.1.8 1/2 PPS
- 6.2.1 TTYPR-, RPTTT-, CANTT-
- 6.3.1 PROAT-; REAT-; CANAT
- 6.3.2 \overline{ATI}
- 6.3.3 ATPO, $\overline{AT2}$
- 6.4.1 RPT Dc; Doc En; Cancel Dc; Lab St
- 6.4.2 (Drawing Cancelled)
- 6.4.3 DPT; Dc Ov; $\overline{Dc1}$, $\overline{Dc2}$, $\overline{Dc3}$, $\overline{Dc4}$
- 6.5.1 MCM; PRMCR-; RPTMC-; CANMC-
- 6.5.2 $\overline{MCR1}$
- 6.5.3 $\overline{MCR3}$
- 6.5.4 $\overline{MCR4}$

Section VII

The RPD Operator's Console

List of Drawings

- 7.0.1 RPS Floor Plan
- 7.0.2 General Arrangement of Console Equipment
- 7.1.1 Table Top
- 7.1.2 Catch-pan

- 7.1.3 Table Top Center Support
- 7.1.4 Modified Endorser Table Top Sh. 1
- 7.1.5 Modified Enclosure Table Top Sh. 2
- 7.1.6 Track Cover, Right
- 7.1.7 Track Cover, Left
- 7.1.8 Not Used
- 7.1.9 Keyboard Pan
- 7.1.10 Accessory Drawer
- 7.1.11 Power Control Panel
- 7.1.12 Power Control Box
- 7.1.13 Running Time Meter Mount
- 7.1.14 Rear Frame Unit
- 7.1.15 End Frame Unit
- 7.1.16 Table Leg Extenders
- 7.1.17 Endorser Modification
- 7.1.18 Transformer Rail
- 7.1.19 Support Spacer for Transformer Rail
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- 7.1.21 Spacer Block for Drop Leaf Mounting
- 7.1.22 Panel Drilling Pattern for Drop Leaf Mounting
- 7.1.23 Paper Catcher Mount
- 7.1.24 Paper Bin Switch Mounting Bracket
- 7.1.25 Terminal Guard for Isolation Tranformer
- 7.1.26 Legs for Display Unit
- 7.1.27 Transformer Mounting Plate

- 8.0 RPD Document Labeling Device
 - 8.1 Timing Diagrams
 - 8.1.1 Timing Diagram for the Labeling Logic Sequences, Sheet 1
 - 8.1.2 Timing Diagram for the Labeling Logic Sequence, Sheet 2
 - 8.2 Logic Diagrams
 - 8.2.1 RUN, GDE
 - 8.2.2 LWR, RZE, SMR
 - 8.2.3 SMD, BRK, DPT, DTFF
 - 8.2.4 DCPOS, STMP
 - 8.2.5 FWD, STEPF, STEPB, STEP SPCH
 - 8.2.6 SYNFF, ADCN, STROBE
 - 8.2.7 COUNTER
 - 8.2.8 HLTR, HLTF
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 - 8.2.10 SHER
 - 8.2.11 VAC, NOVC
 - 8.2.12 LBFN, DCFIN
 - 8.2.13 DCLMP
 - 8.2.14 STPCL
 - 8.2.15 POWER, PAPOT
 - 8.2.16 HDRE
 - 8.2.17 HRDF
 - 8.2.18 HDRG
 - 8.2.19 Chip Layout
- 8.3 Wiring Schematic

- 8.3.1 Wiring Schematic for the RPD Document Labeler
- 8.4 Mechanical Drawings for the RPD Document Labeler
 - 8.4.1 Main Mounting Plate
 - 8.4.2 Labeler Hanger Angle
 - 8.4.3 Shelf Mounting Angle
 - 8.4.4 Support Foot
 - 8.4.5 Guide Plate
 - 8.4.6 Guide Plate Assembly
 - 8.4.7 Deflector Plate
 - 8.4.8 Deflector Counterweight Assembly
 - 8.4.9 Deflector Plate Weight
 - 8.4.10 Deflector Hanger -- RH
 - 8.4.11 Deflector Hanger -- LH
 - 8.4.12 Entry Guide Plate
 - 8.4.13 Belt Support Plate
 - 8.4.14 Belt Pulley, Driving
 - 8.4.15 Belt Pulley, Idler
 - 8.4.16 Driving Pulley Shaft and C Ring
 - 8.4.17 Idler Pulley Shaft
 - 8.4.18 Pulley Bearing Support
 - 8.4.19 Belt Drive Motor Pulley
 - 8.4.20 Superseded by 8.4.70
 - 8.4.21 Motor Capacitor Mounting Strap
 - 8.4.22 Document Stop Block -- LH

- 8.4.23 Document Stop Block - RH
- 8.4.24 Stop Block Plate
- 8.4.25 Sensor Shoe Support - LH
- 8.4.26 Sensor Shoe Support - RH
- 8.4.27 Sensor Shoe - LH
- 8.4.28 Sensor Shoe - RH
- 8.4.29 Document Stop Assembly
- 8.4.30 Document Stop Plate
- 8.4.31 Lamp Holding Clamp
- 8.4.32 Not Assigned
- 8.4.33 Reel Flange Knob
- 8.4.34 Outer Reel Flange
- 8.4.35 Reel Hub
- 8.4.36 Inner Reel Flange
- 8.4.37 Reel Base
- 8.4.38 Reel Shaft
- 8.4.39 Reel Assembly
- 8.4.40 Reel Damper Assembly
- 8.4.41 Carrier Bearing Mount
- 8.4.42 Carrier Arm Shaft
- 8.4.43 Label Carrier Arm
- 8.4.44 Carrier Gasket
- 8.4.45 Vacuum Connector
- 8.4.46 Vacuum Hold-Down Plate
- 8.4.47 Protective Bushing

- 8.4.48 Carrier Bell Crank
- 8.4.49 Actuator Connecting Rod Shaft
- 8.4.50 Actuator Connecting Rod
- 8.4.51 Actuator Bell Crank
- 8.4.52 Actuator Cam
- 8.4.53 Cam Switch Mounting Plate
- 8.4.54 Mounting Plate Spacer
- 8.4.55 Actuator Motor Mounting Spacer
- 8.4.56 Stamp Platen
- 8.4.57 Platen Drive Yoke
- 8.4.58 Platen and Shear Return Spring
- 8.4.59 Stamp Solenoid Yoke Guide
- 8.4.60 Solenoid Mounting Block
- 8.4.61 Stamp Assembly
- 8.4.62 Label Shear Mounting Bracket
- 8.4.63 Shear Solenoid Support
- 8.4.64 Shear Yoke Guide
- 8.4.65 Label Shear Yoke
- 8.4.66 Shear Solenoid Plunger Stop
- 8.4.67 Blade Support Block
- 8.4.68 Blade Clamp
- 8.4.69 Label Shear Assembly
- 8.4.70 Superseded by 8.4.71
- 8.4.71 Belt Drive Motor Mount

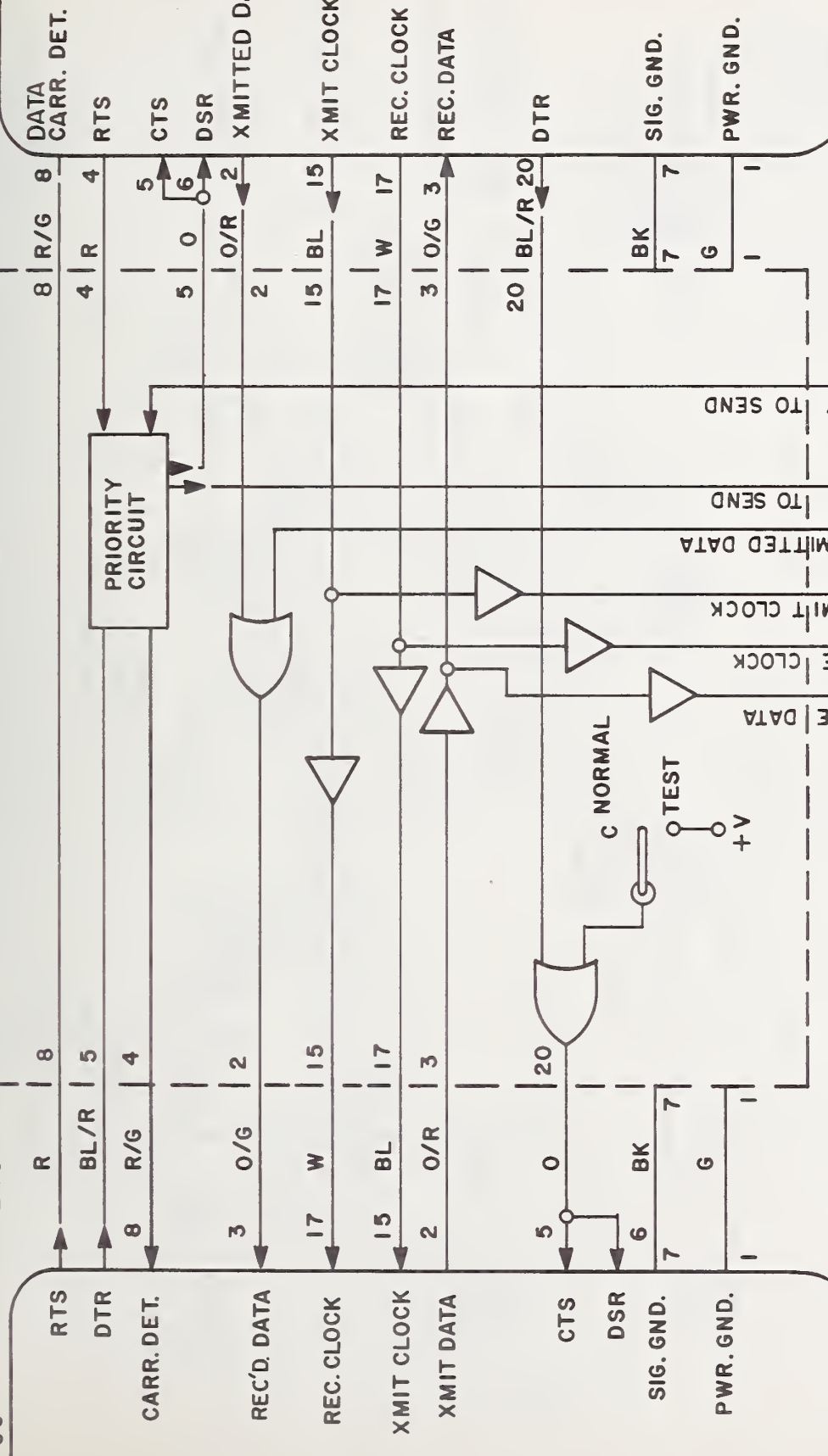
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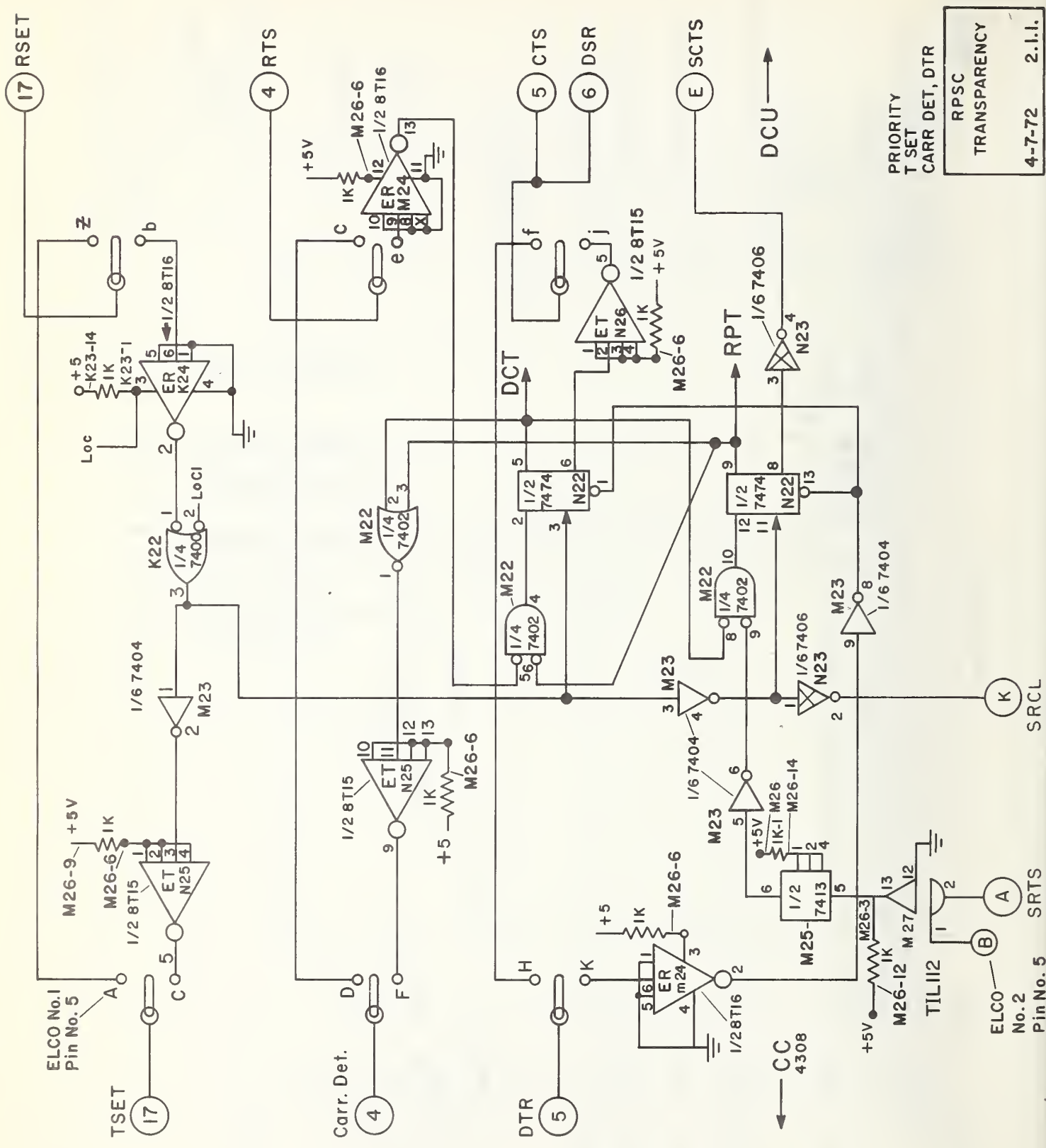
12'

240'

CC



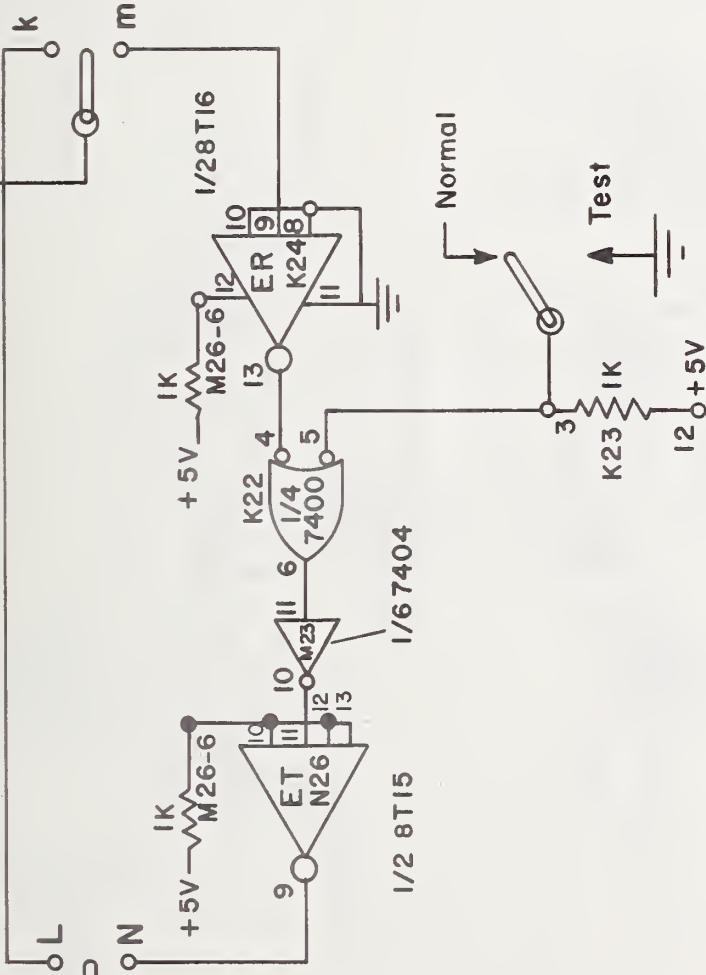
RPSC
TRANSPARENCY
No. 2.1
Date 4-7-72



PRIORITY
 T SET
 CARR DET, DTR
 RPSC
 TRANSPARENCY
 4-7-72 2.I.I.

20 DTR

DCU →



20 DSR

← CC

CTS, DSR

RPSC
TRANSPARENCY

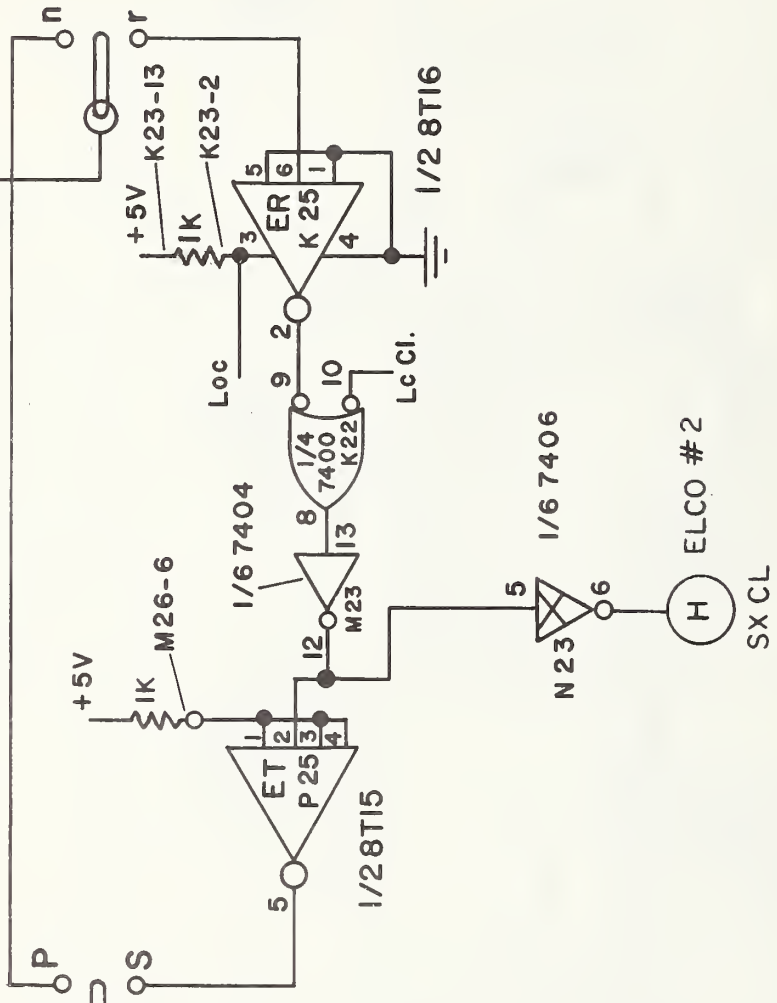
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RTS 8 Carr. Det.

15 TSET

RSET 15



← CC

DCU →

RTS RSET

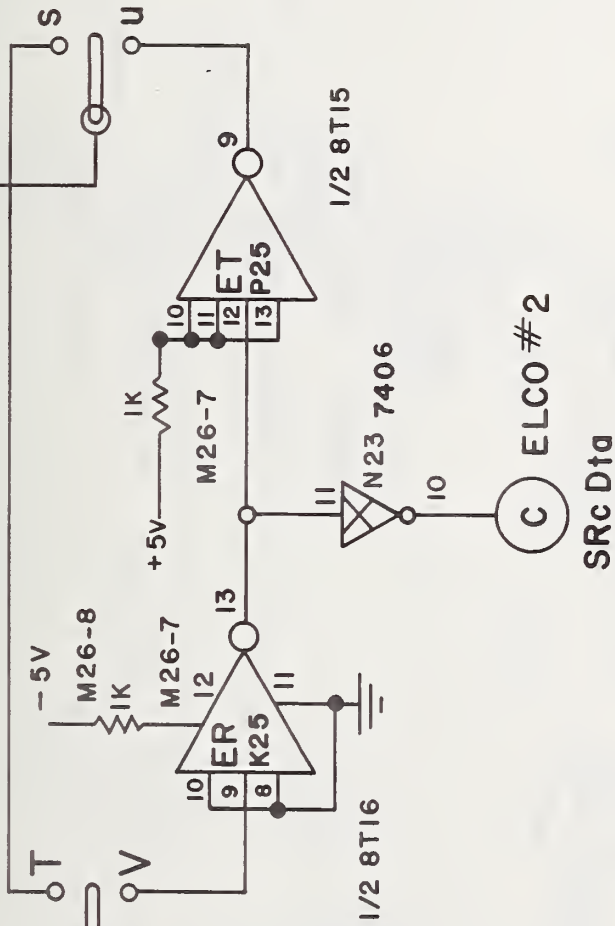
RPSC

TRANSPARENCY

4-7-72

2.1.3

3 Rec. Data



Xmit Data

3

Xmit Data

RPSC

TRANSPARENCY

4-7-72

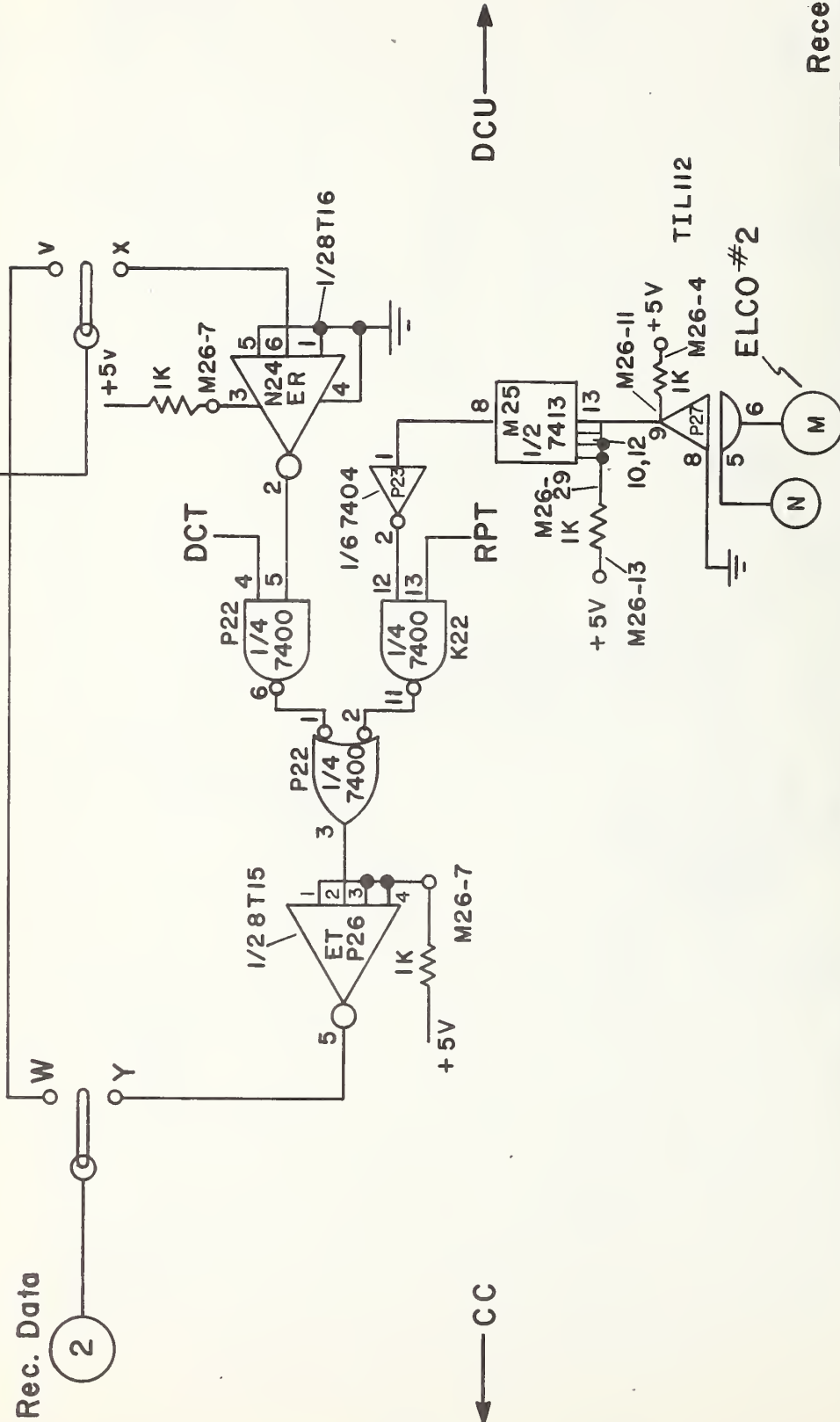
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Xmitted Data

2

Rec. Data

2



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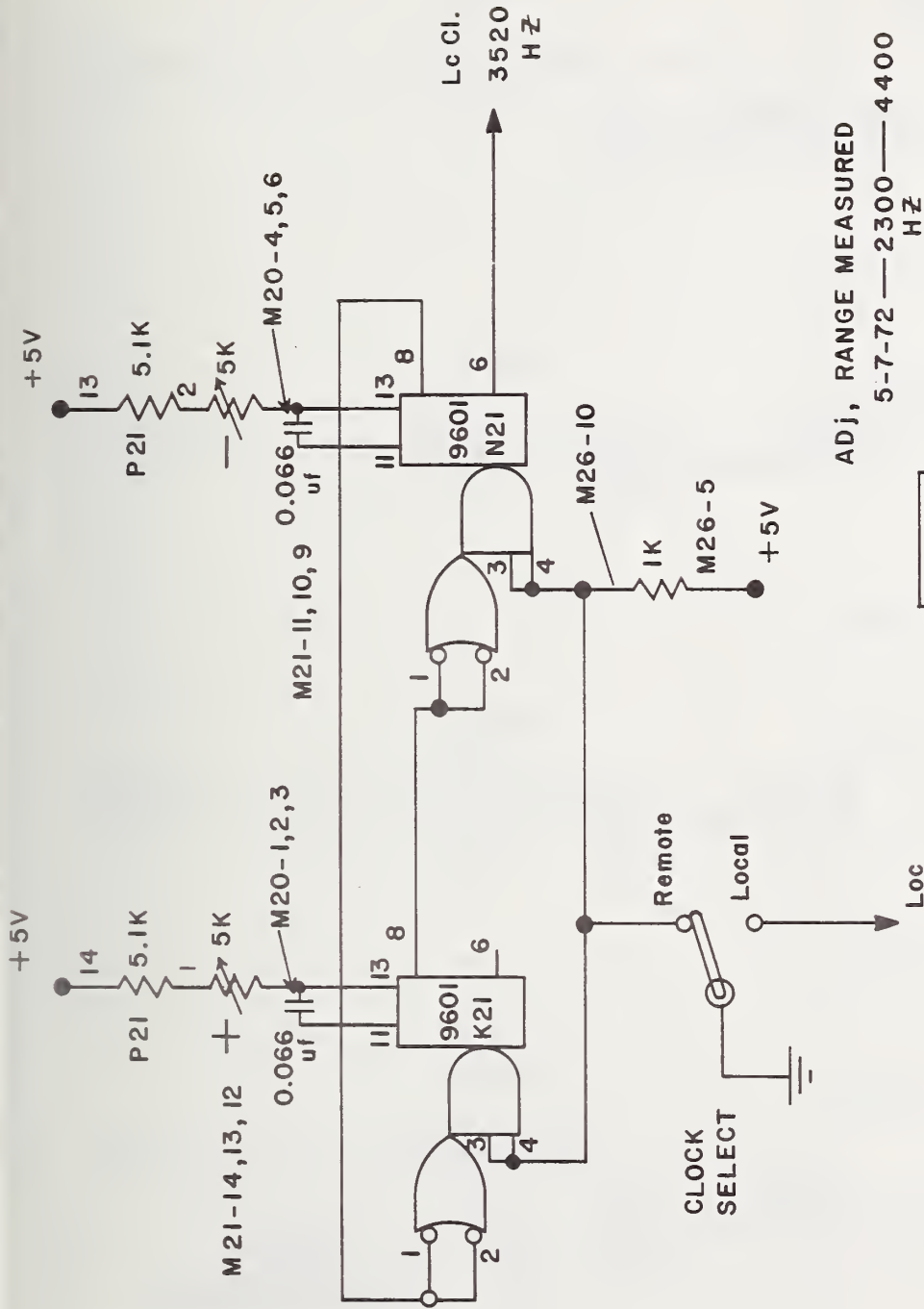
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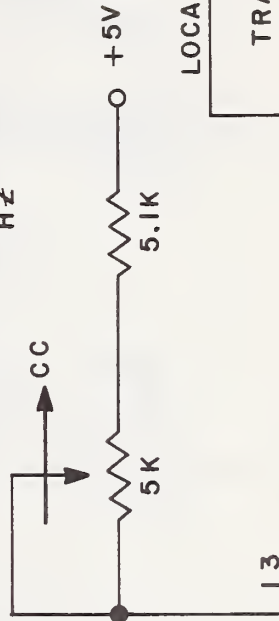
Receive Data
RPSC
TRANSPARENCY

4-7-72

2.1.5

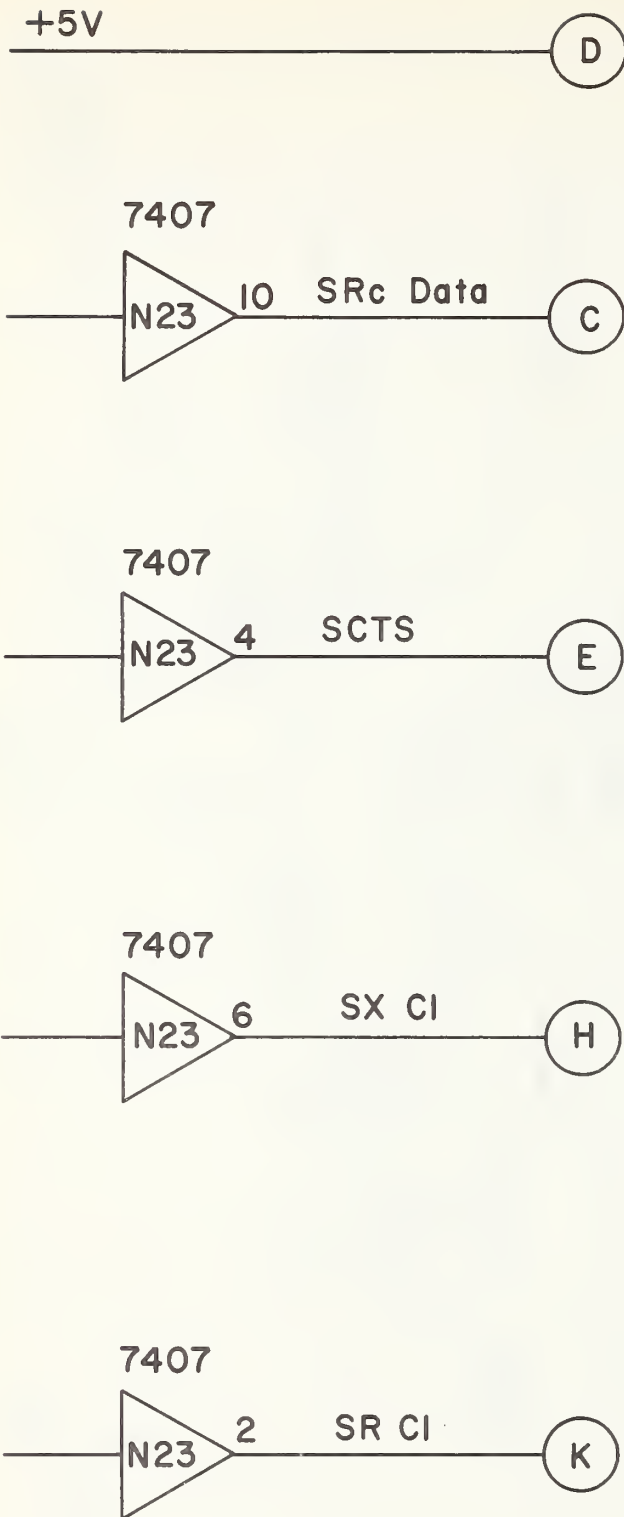


Adj, RANGE MEASURED
 5-7-72 — 2300 — 4400
 HZ

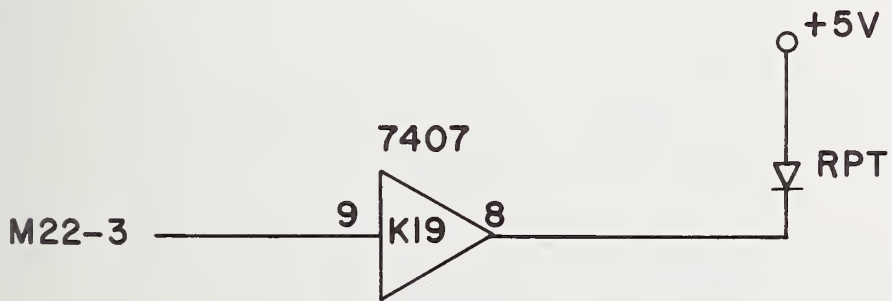
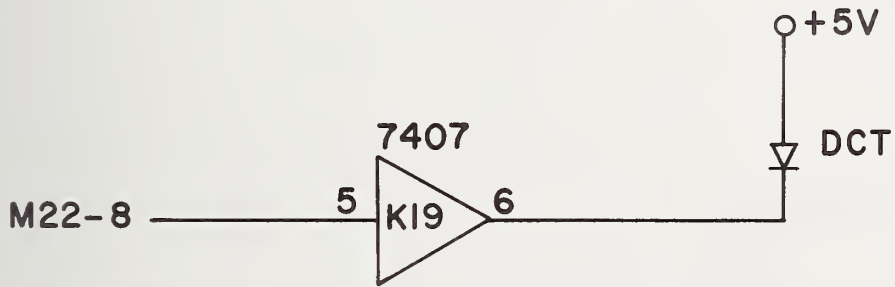
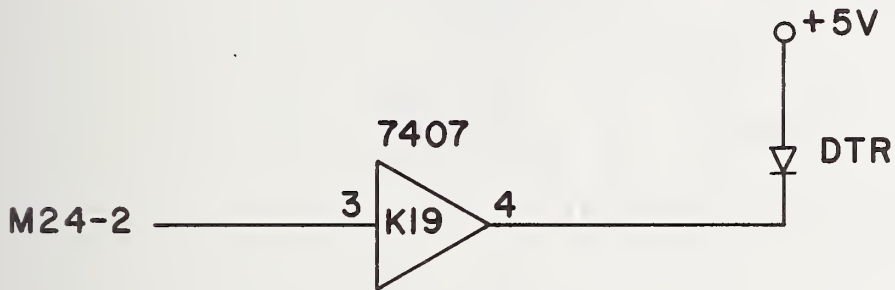
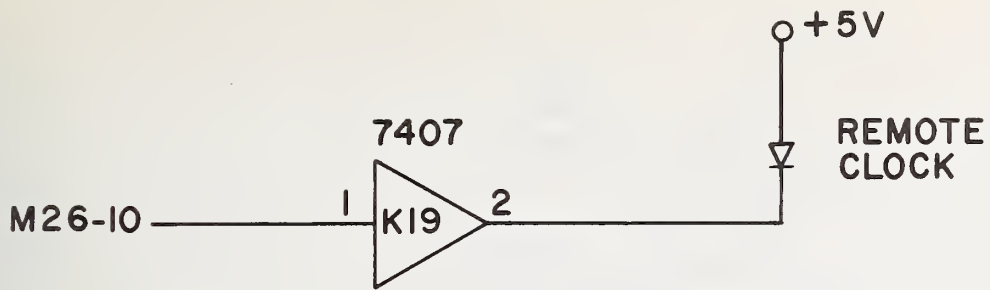


4-7-72	2.1.6
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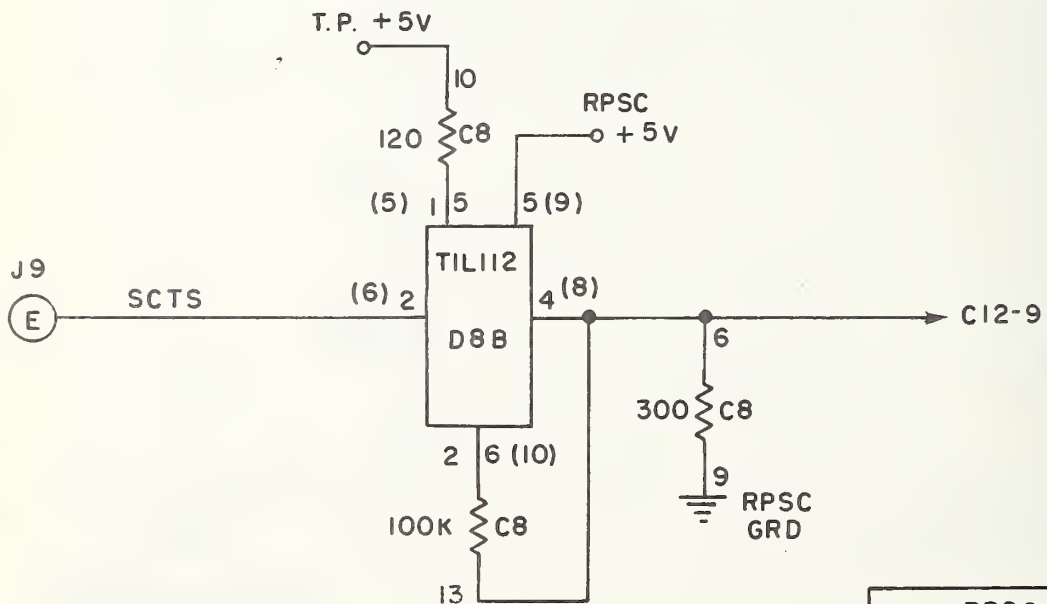
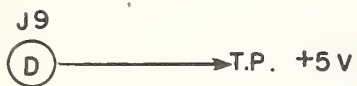
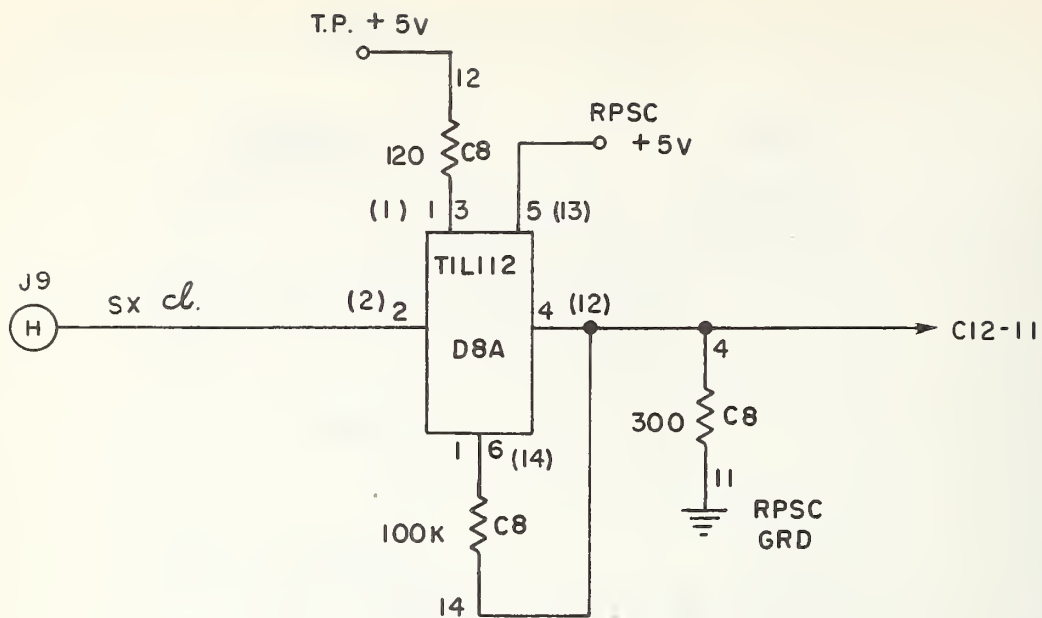


RSPC
TRANSPARENCY
OUTPUT CIRCUITS FOR
THE OCI DATA LINK
6-12-73 2.1.7



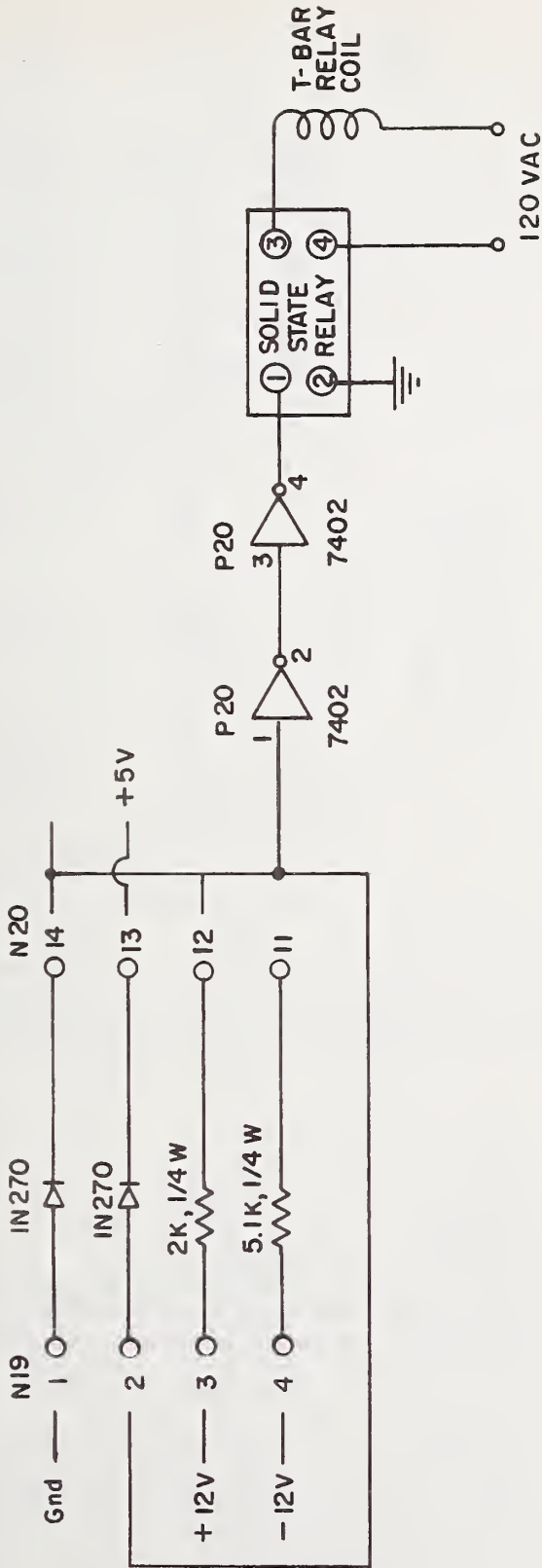
RPSC
TRANSPARENCY
LED INDICATORS

6-12-73 2.1.8



RPSC
TRANSPARENCY
NOISE DECOUPLER
6/12/73 2.1.9

DOUBLE HEADER
POSITIONS N19 & 20



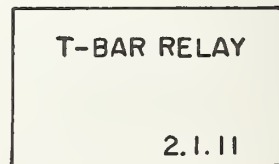
RPSC
POWER-MONITOR FOR
SWITCHING T-BAR
RELAY
8-14-73 2.1.10

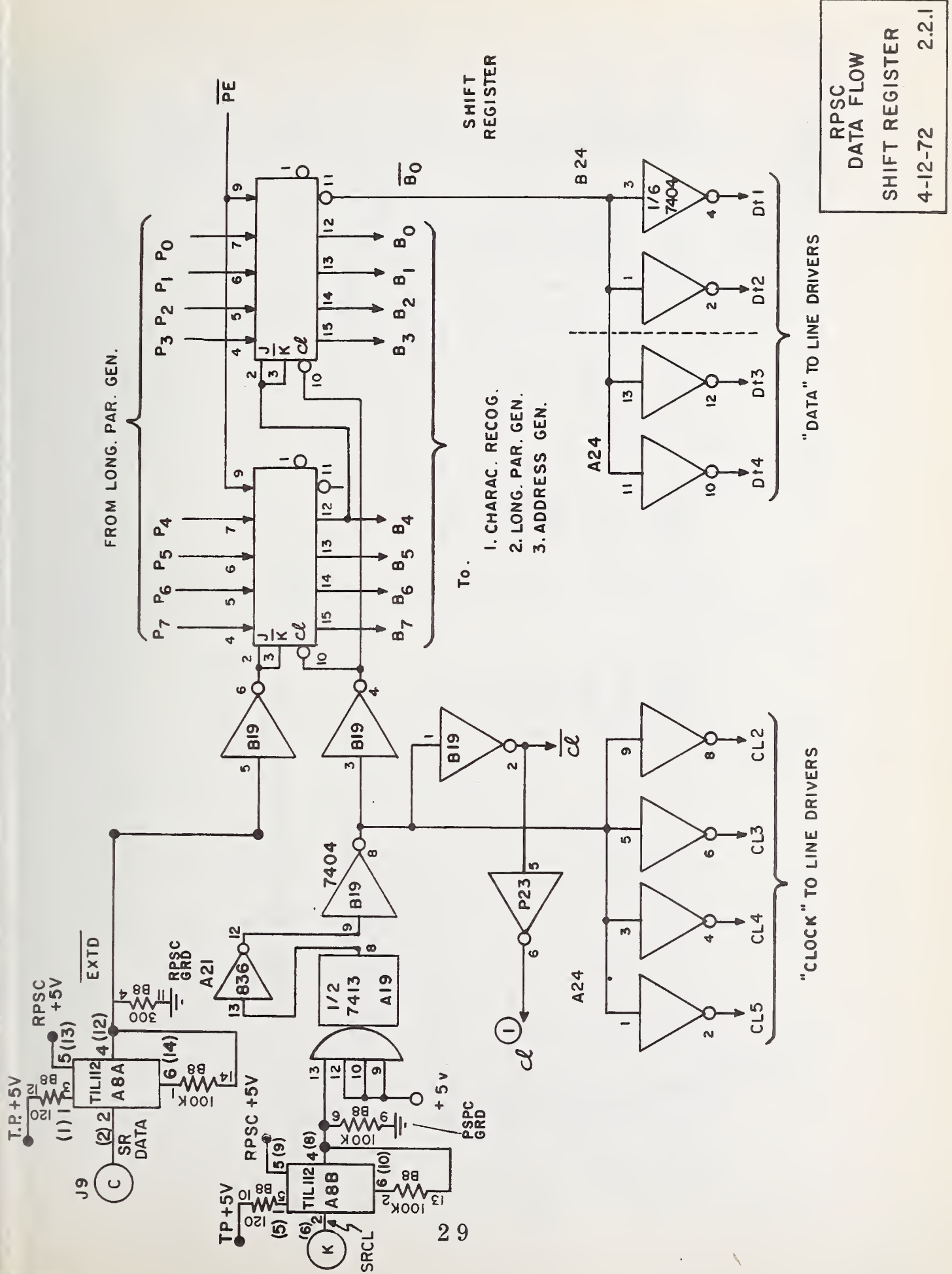
RPSC T-BAR Bridging Relay Wire Chart

From			To			From			To		
<u>DECK</u>	<u>PIN</u>	<u>PLUG & PIN</u>	<u>DECK</u>	<u>PIN</u>	<u>PLUG & PIN</u>	<u>DECK</u>	<u>PIN</u>	<u>PLUG & PIN</u>	<u>DECK</u>	<u>PIN</u>	<u>PLUG & PIN</u>
1	1	P4-C	1	9	P4-e						
2	1	P1-17	2	9	P2-4						
3	1	P4-A	3	9	P4-c						
1	2	P4-F	1	10	P4-j						
2	2	P1-4	2	10	P2-5,6						
3	2	P4-D	3	10	P4-f						
1	3	P4-K	1	11	P4-m						
2	3	P1-5	2	11	P2-20						
3	3	P4-H	3	11	P4-k						
1	4	P4-N	1	12	P4-r						
2	4	P1-20	2	12	P2-15						
3	4	P4-L	3	12	P4-n						
1	5	P4-S	4	1	P4-u						
2	5	P1-15	5	1	P2-3						
3	5	P4-P	6	1	P4-s						
1	6	P4-V	4	2	P4-x						
2	6	P1-3	5	2	P2-2						
3	6	P4-T	6	2	P4-v						
1	7	P4-Y	4	3	P4-AA						
2	7	P1-2	5	3	P4-z						
3	7	P4-W	6	3	P4-y						
1	8	P4-b									
2	8	P2-17									
3	8	P4-Z									

Note: (1) See Figure 3.1 Section II for connector location.

(2) T-BAR relay deck 1 is the top deck of relay as mounted. Deck 6 is the bottom deck. Pin numbers are read counter clockwise starting with 1 on lower right hand corner of deck.

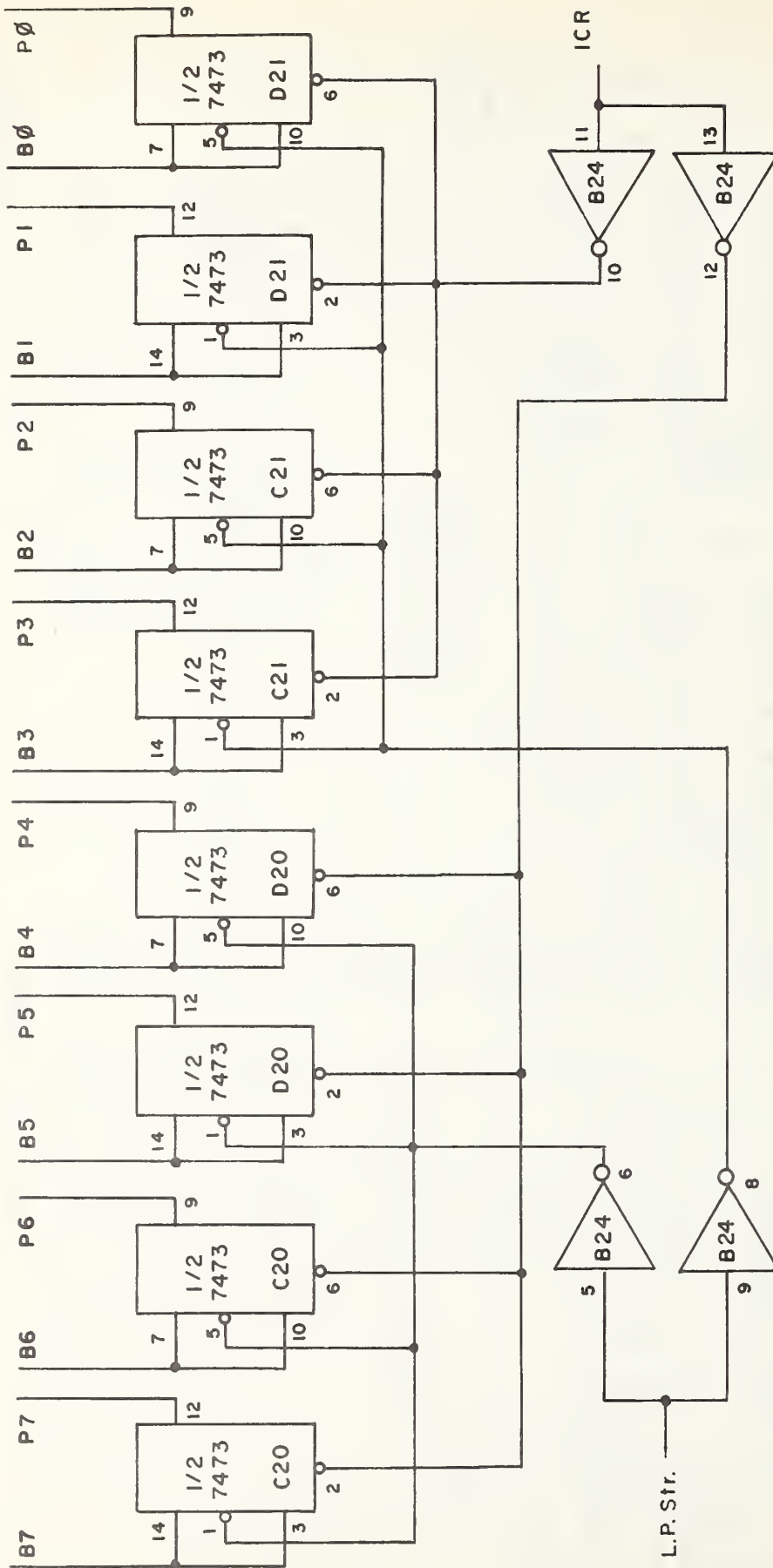




RPSC
DATA FLOW
SHIFT REGISTER
4-12-72 2.2.1

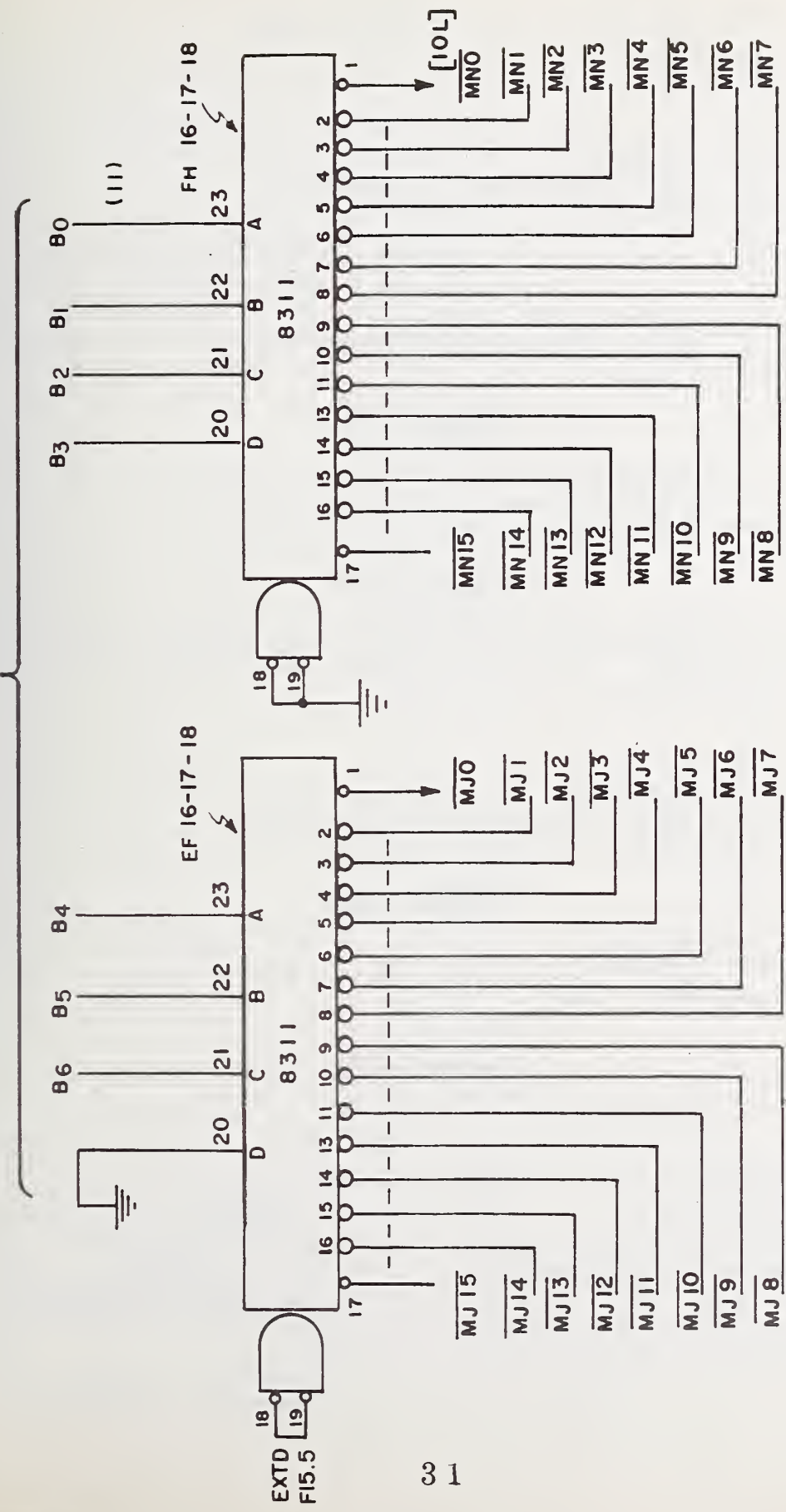
"DATA" TO LINE DRIVERS

"CLOCK" TO LINE DRIVERS

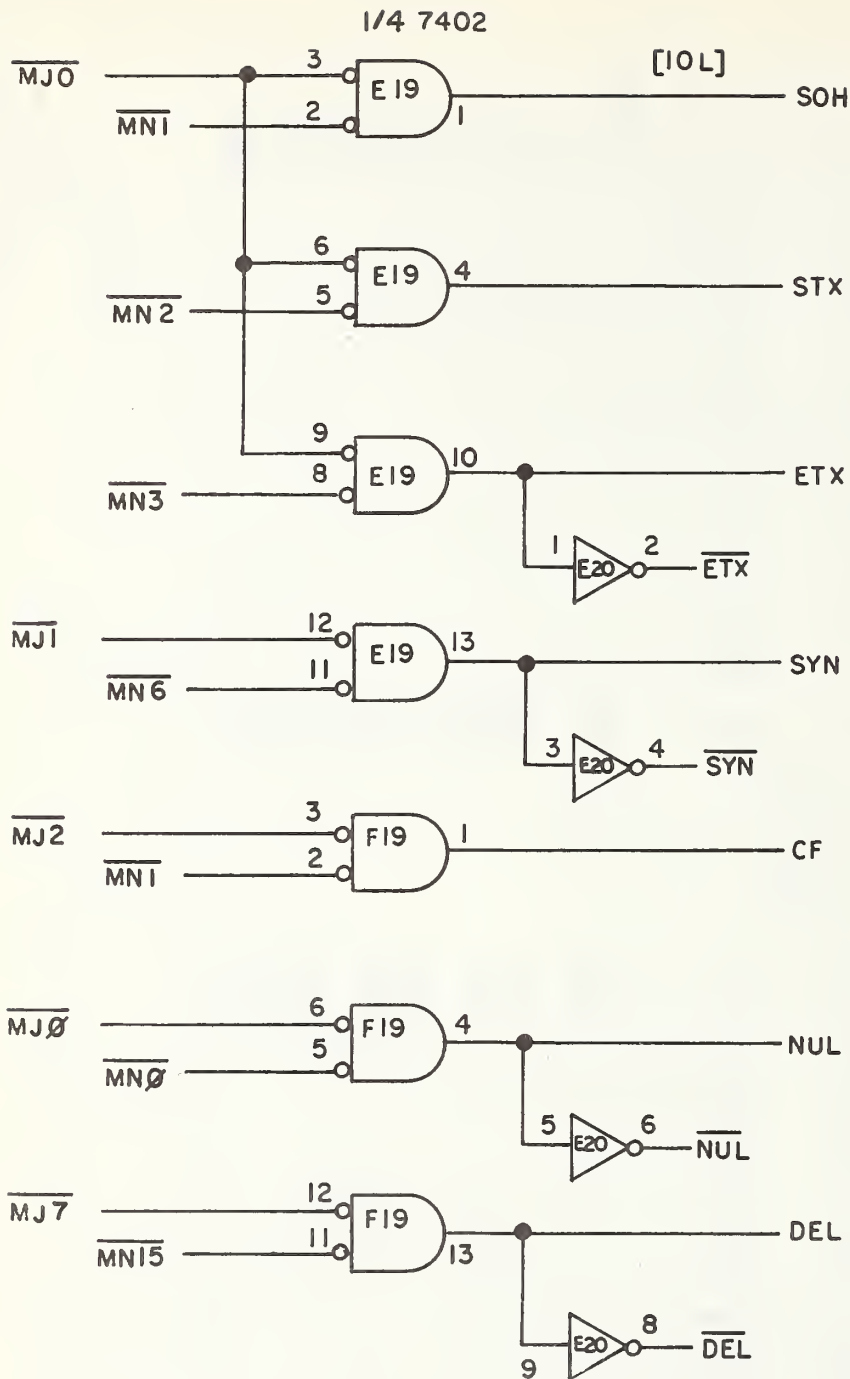


RPSC
DATA FLOW
L.P. REGISTER
4/13/72 2.2.2

FROM SR



MJ, MN
 RPSC
 DATA FLOW
 CHARACTER RECOGNITION
 4/13/72 2.2.3.1



GATING

RPSC
DATA FLOW
CHARACTER RECOGNITION

4/13/72

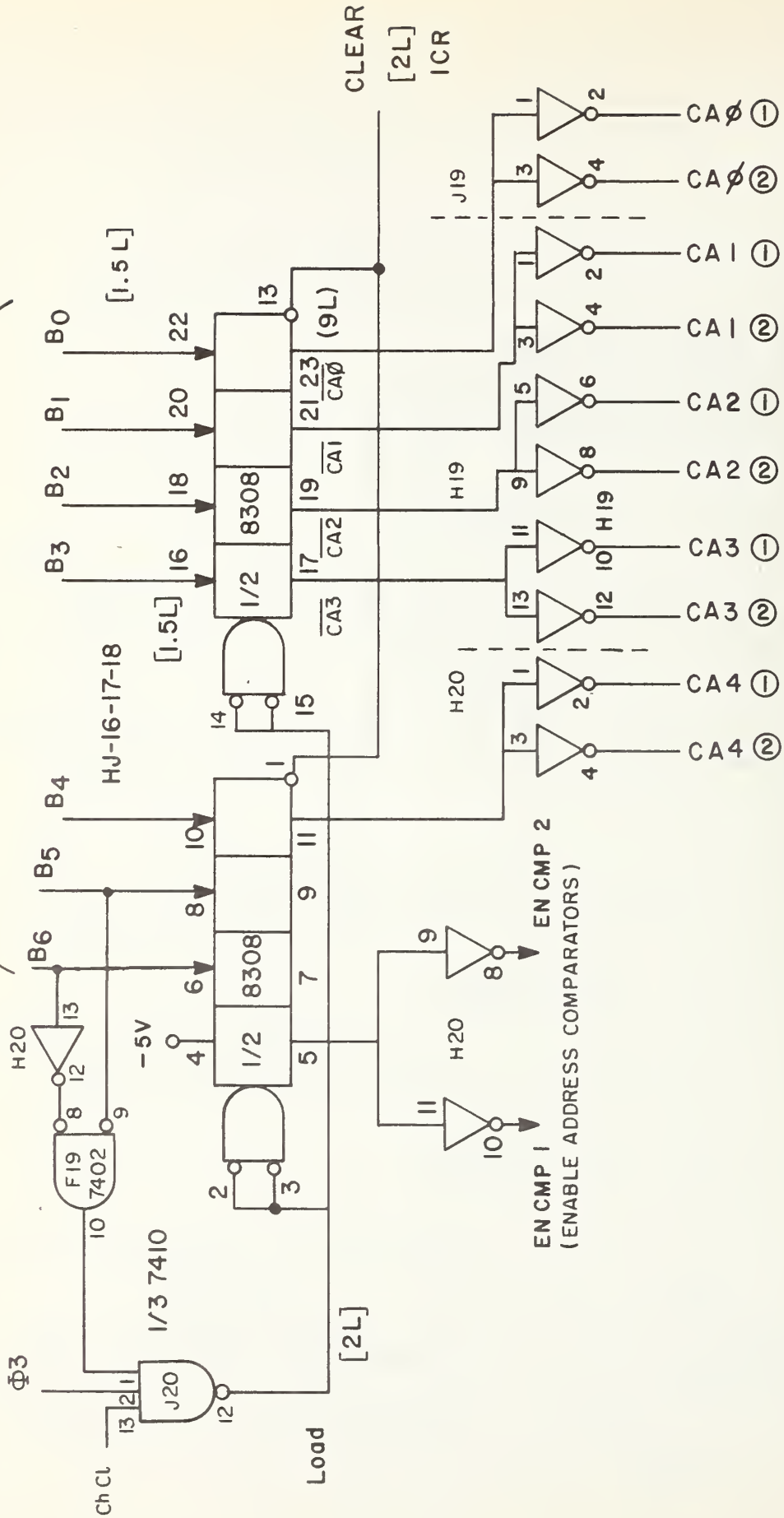
2.2.3.2

CHARACTER GENERATOR CODES

	b7	b6	b5	b4	b3	b2	b1	Maj	Min
SYN	0	0	1	0	1	1	0	1	6
SOH	0	0	0	0	0	0	1	0	1
STX	0	0	0	0	0	1	0	0	2
ETX	0	0	0	0	0	1	1	0	3
NUL	0	0	0	0	0	0	0	0	0
DEL	1	1	1	1	1	1	1	7	15
CF	0	1	0	0	0	0	1	2	1

RPSC
 DATA FLOW
 CHARACTER GENERATOR CODES
 1/12/72 2.2.3.3

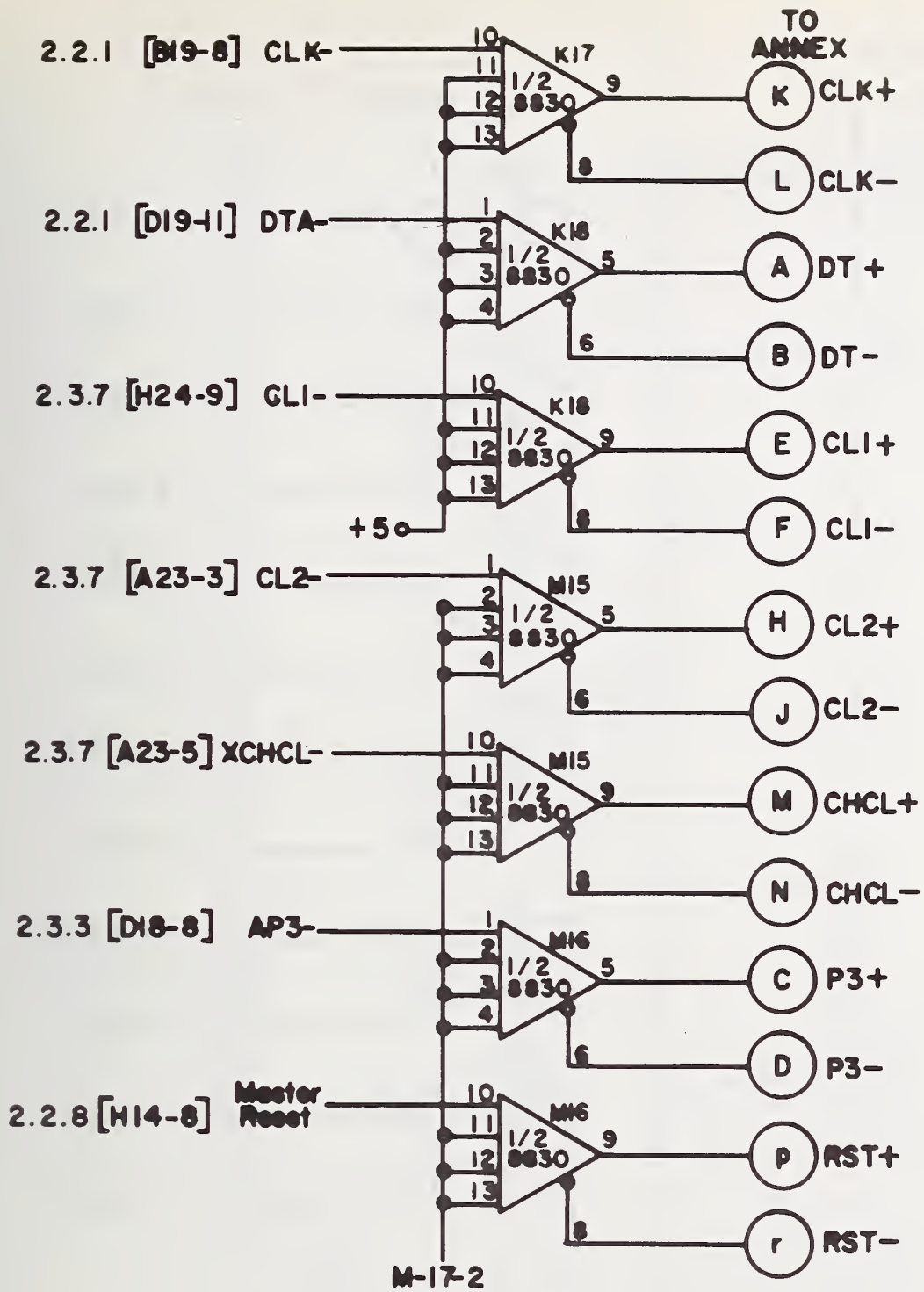
FROM SR



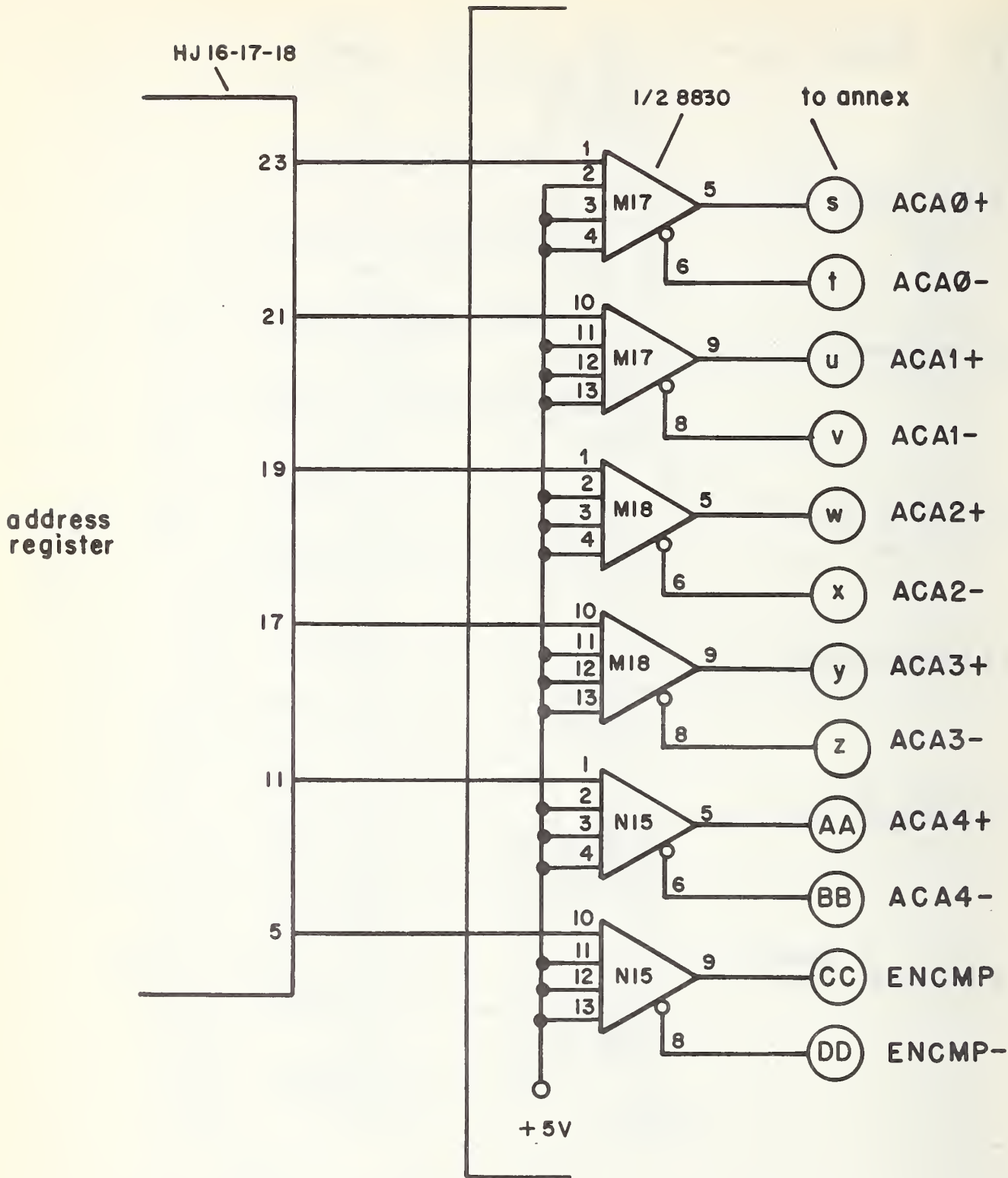
RSPC
DATA FLOW
ADDRESS REGISTER

21-3-72

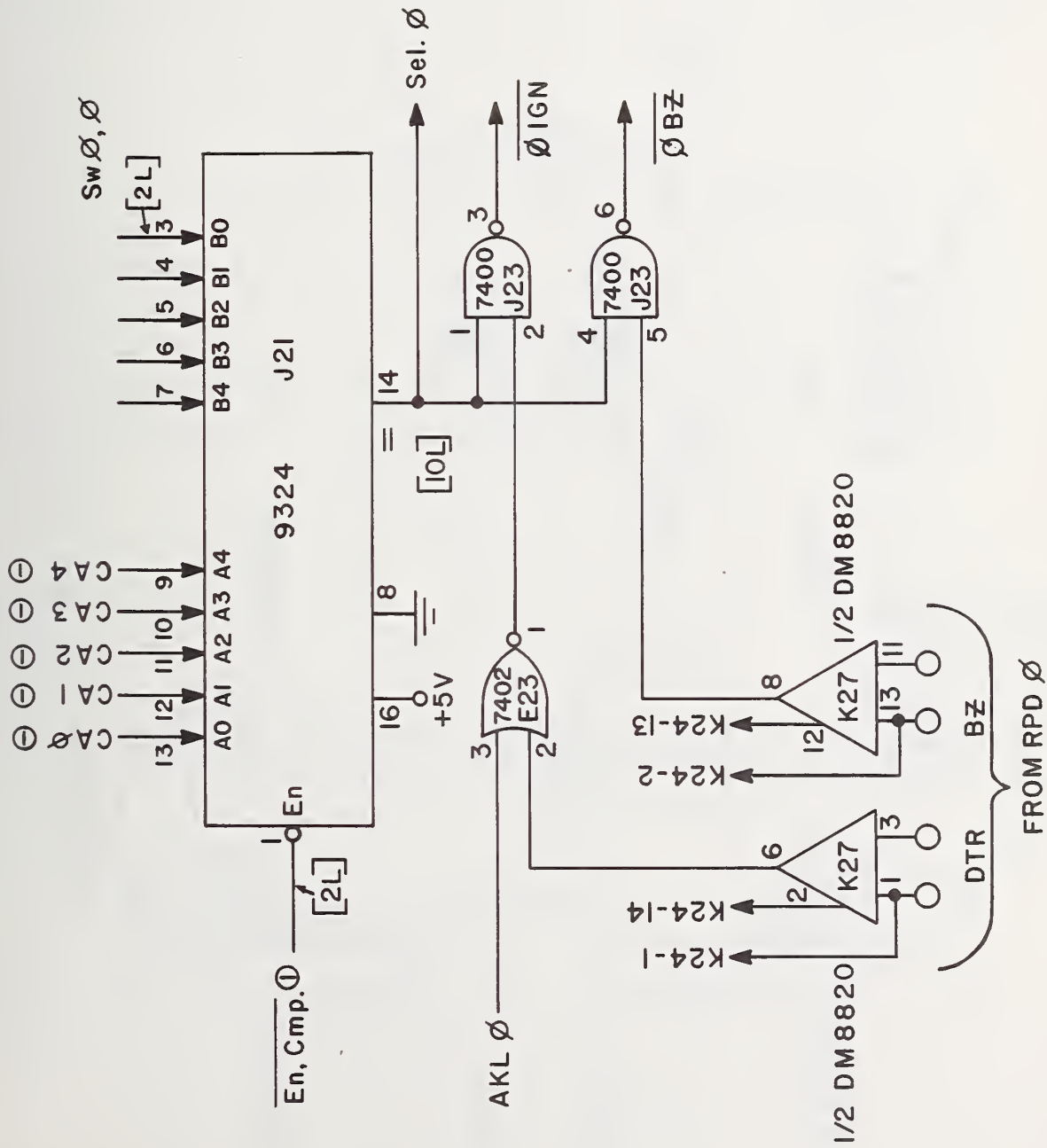
2.2.4



RPSC
DATA FLOW
Control Signals to Annex
Sheet 1 of 2



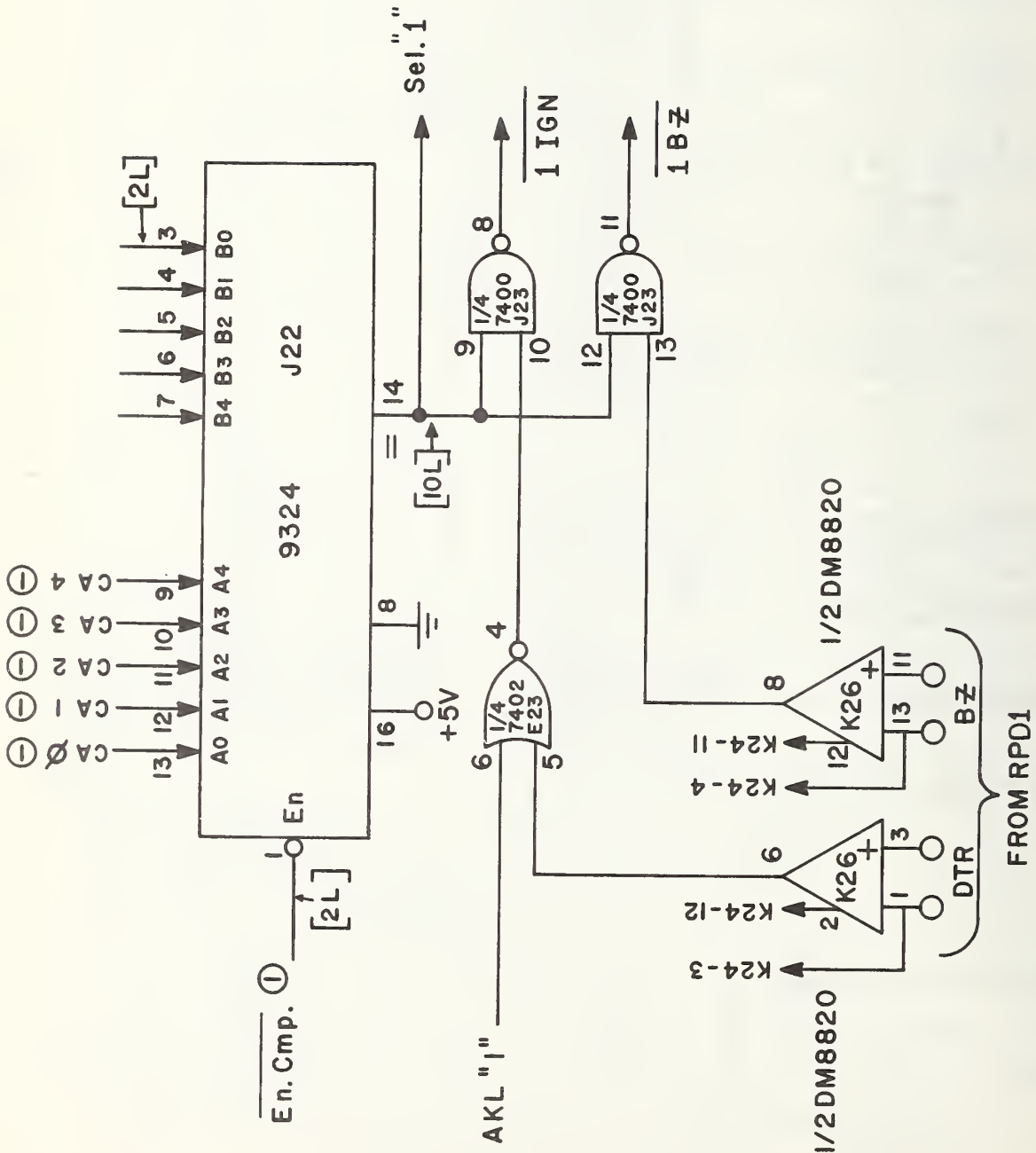
RPSC
DATA FLOW
Control Signals To Annex
Sheet 2 of 2
 4-17-73 2.2.4.2



SELECT "0"

RPSC
DATA FLOW
ADDRESS REGISTER

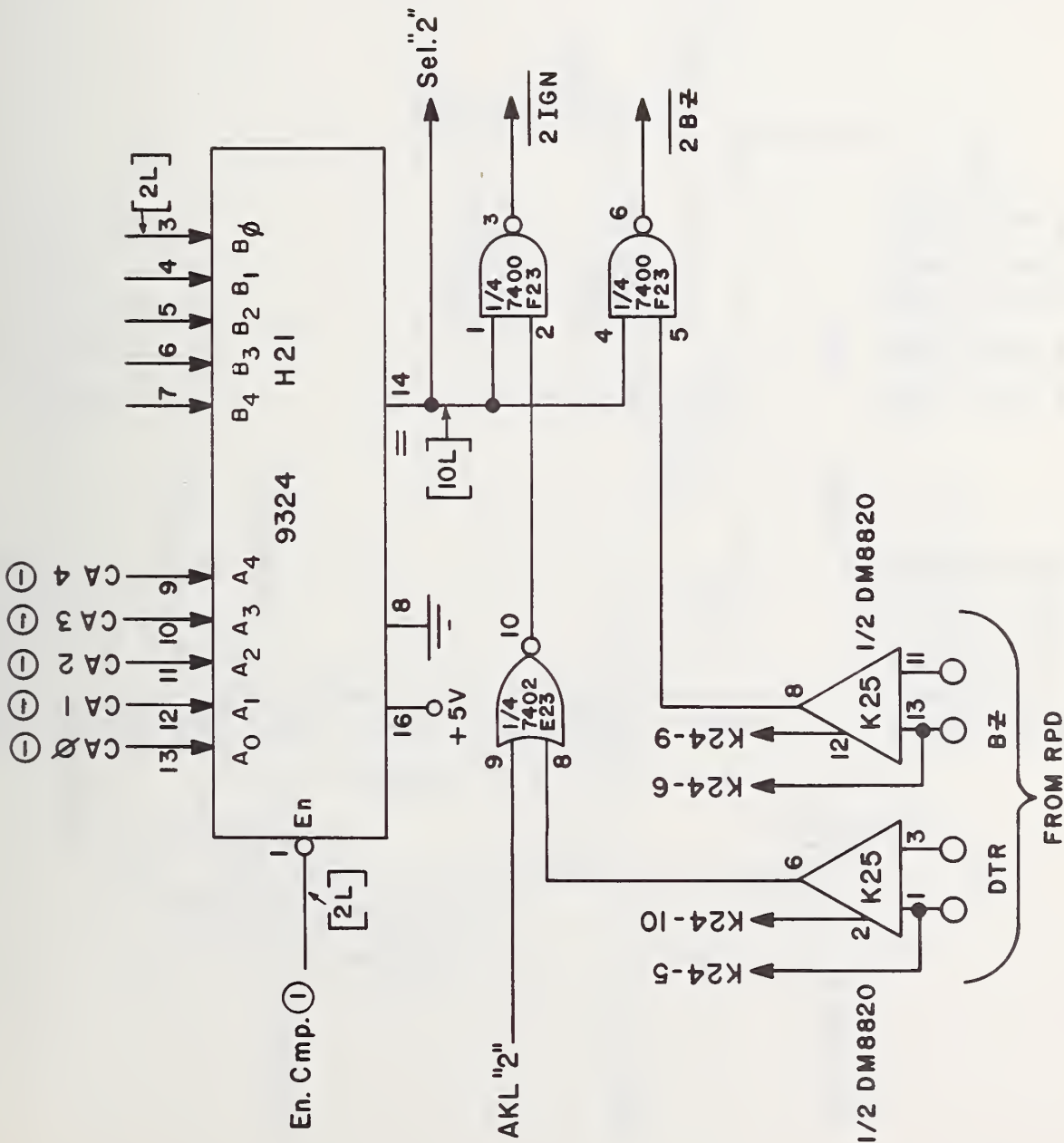
4.13.72 2.2.5.0



SELECT "1"

RPSC
DATA FLOW
ADDRESS REGISTER

4-14-72 2.2.5.1

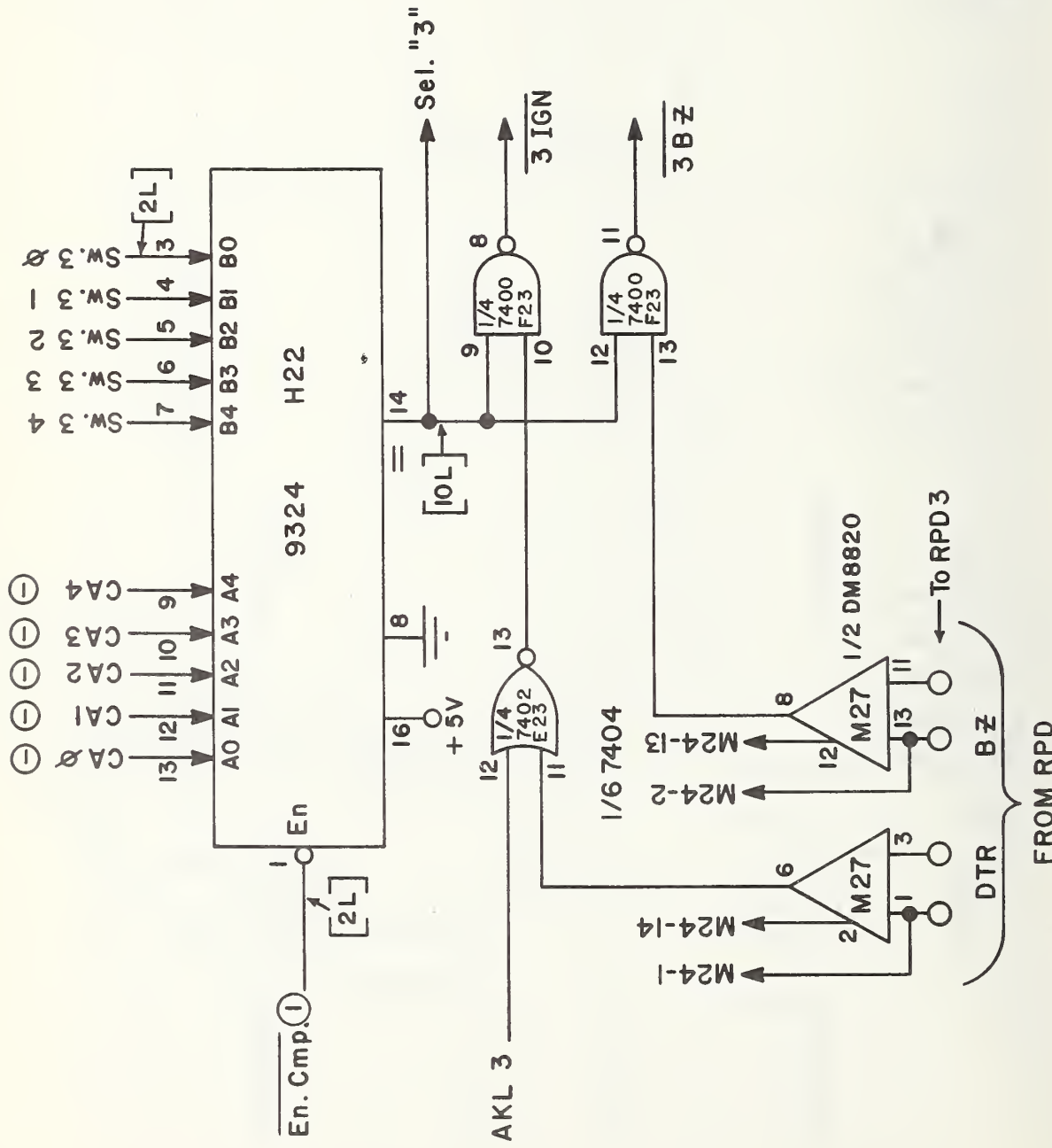


SELECT "2"

RPSC
DATA FLOW
ADDRESS REGISTER

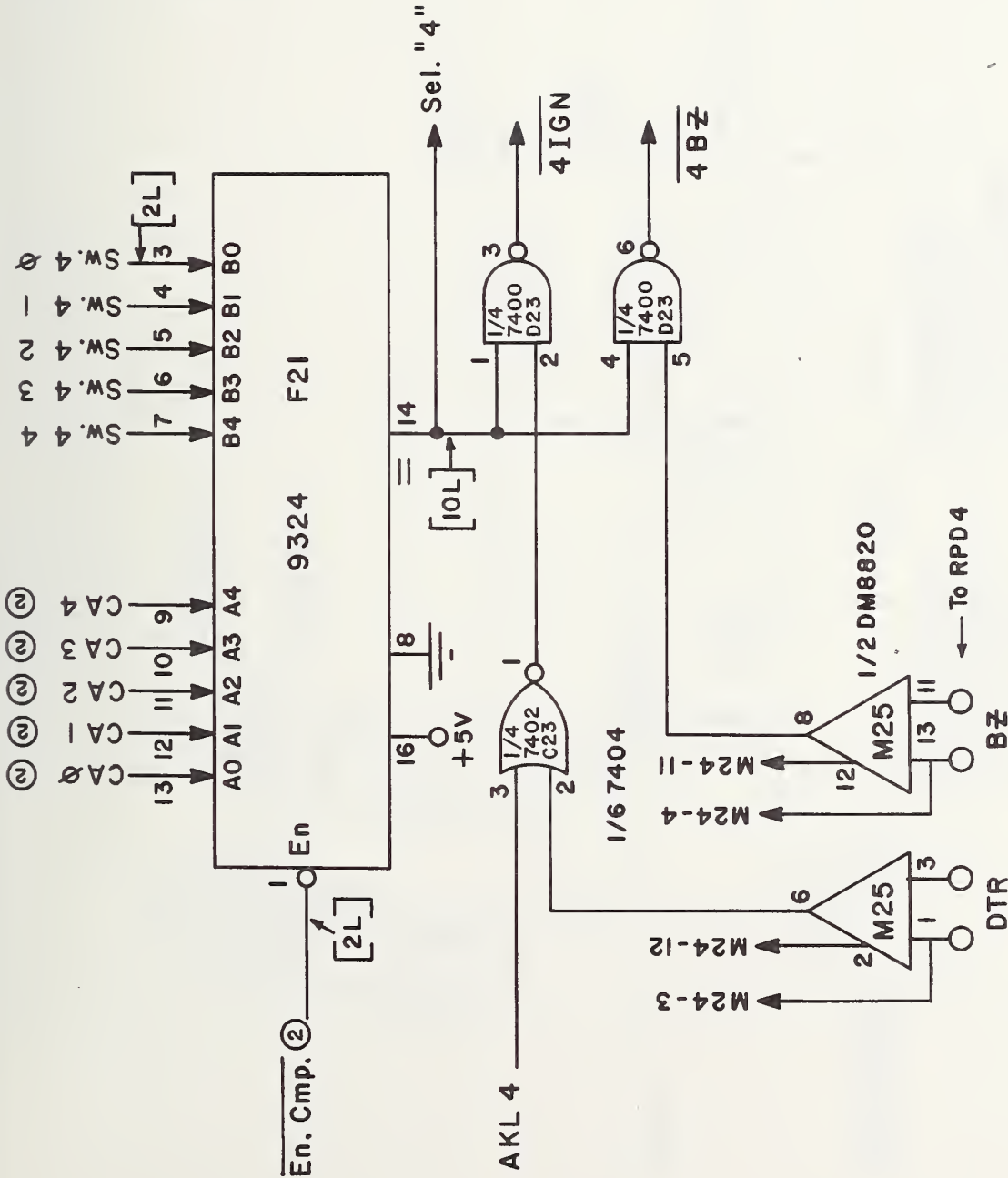
10-15-73

2.2.5.2



SELECT "3"
 RPSC
 DATA FLOW
 ADDRESS REGISTER

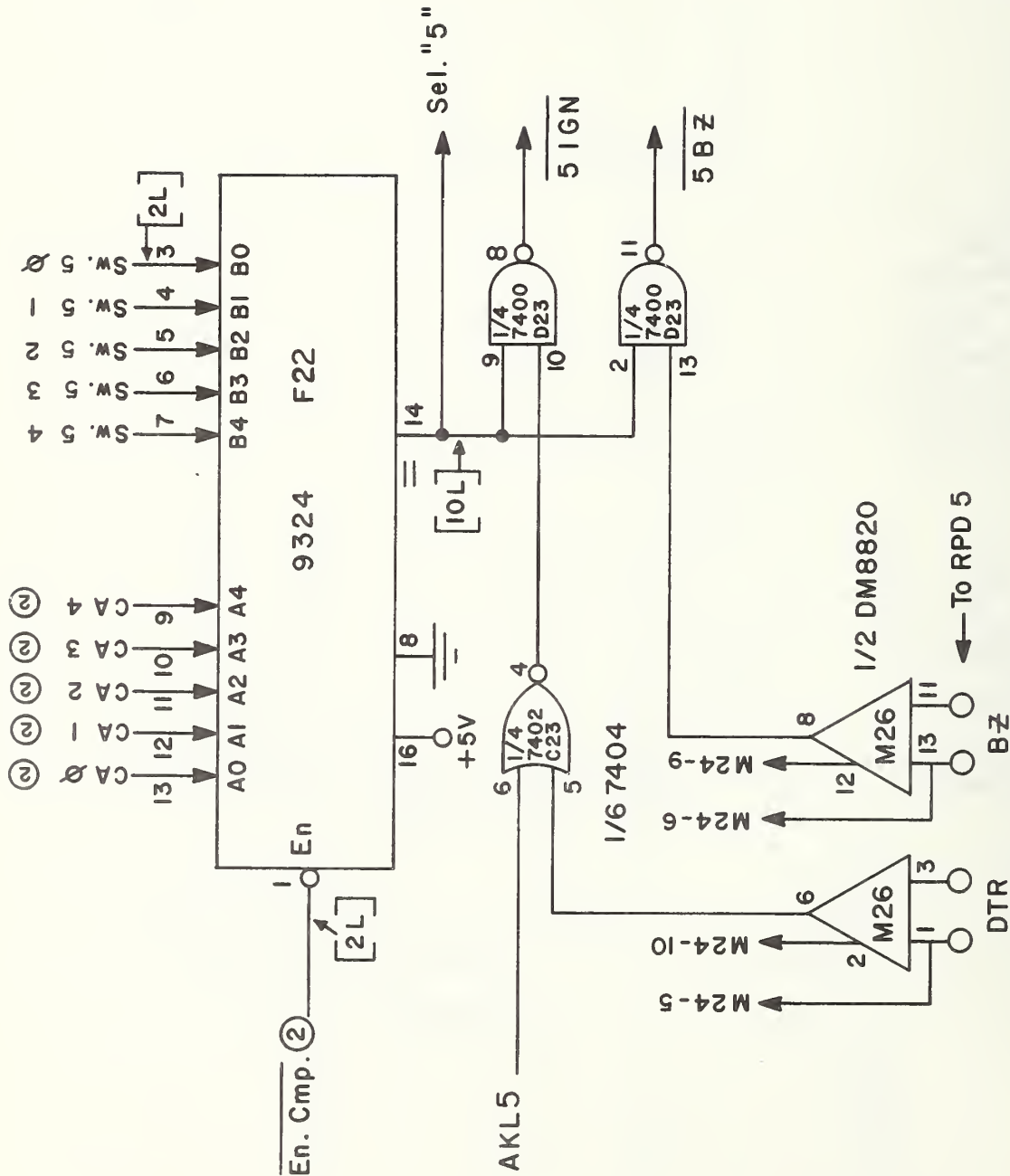
10-15-73 2.2.5.3



SELECT "4"

RPSC
DATA FLOW
ADDRESS REGISTER

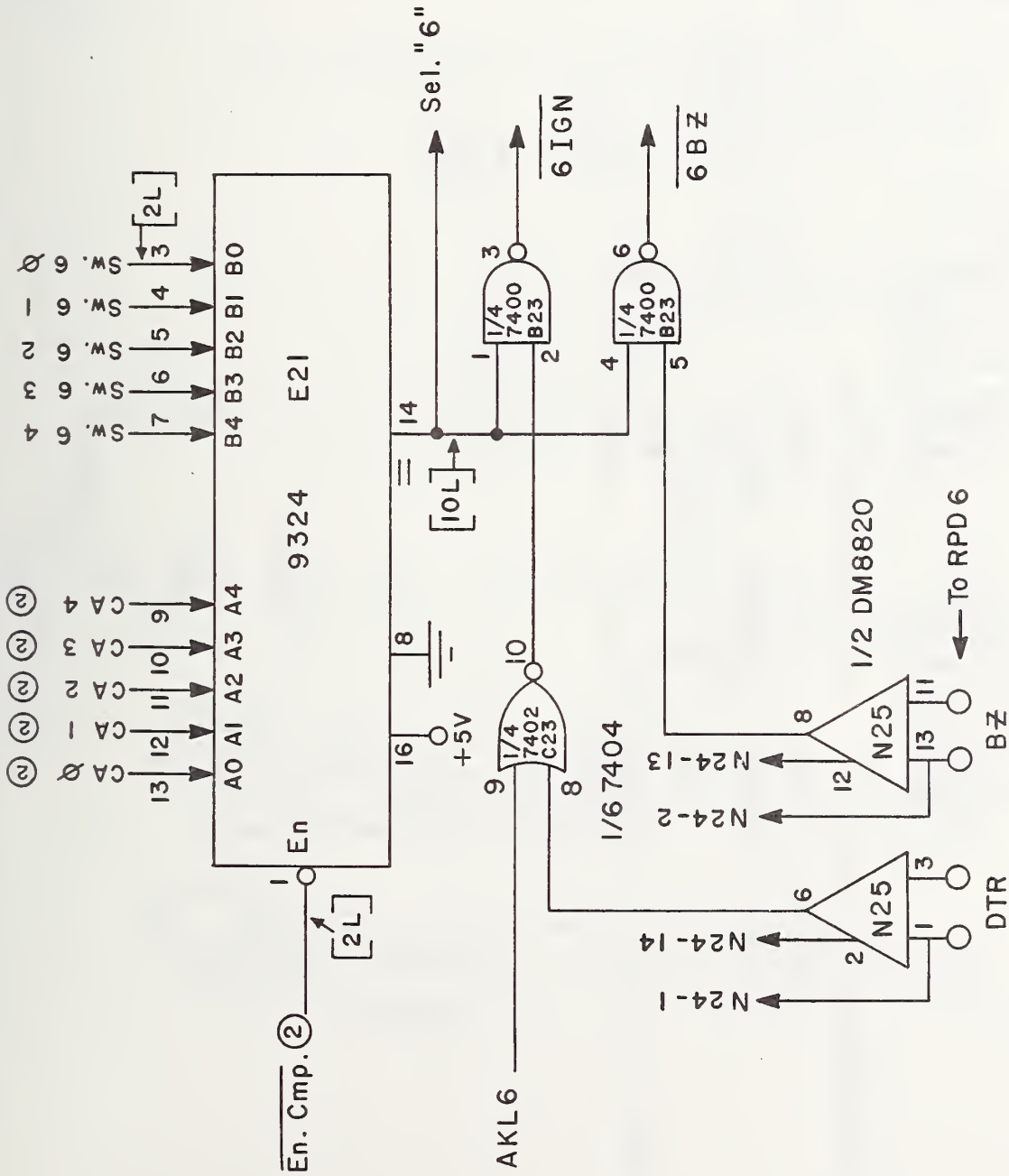
10-15-73 2.2.5.4



SELECT "5"

RPSC
DATA FLOW
ADDRESS REGISTER

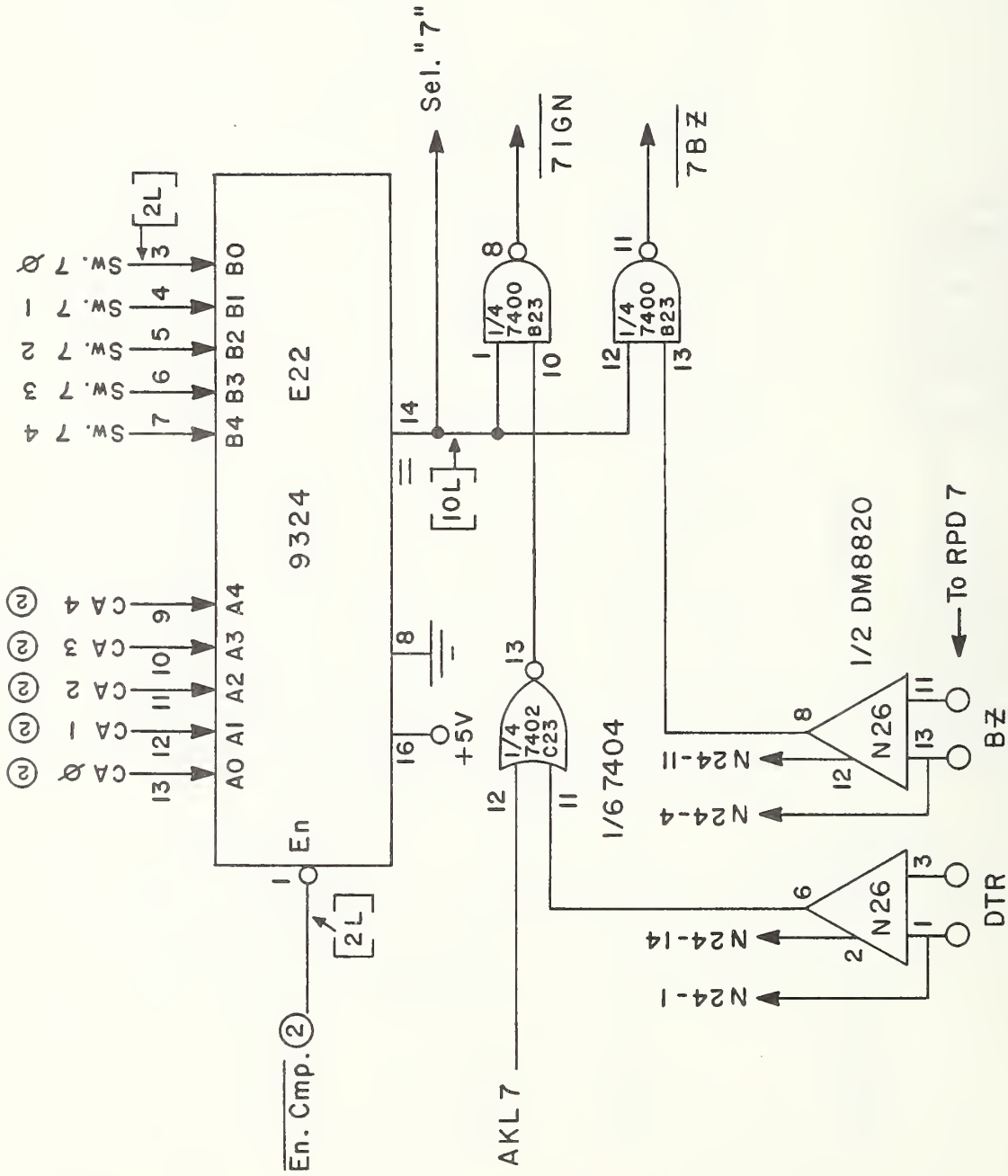
10-15-73 2.2.5.5



SELECT "6"

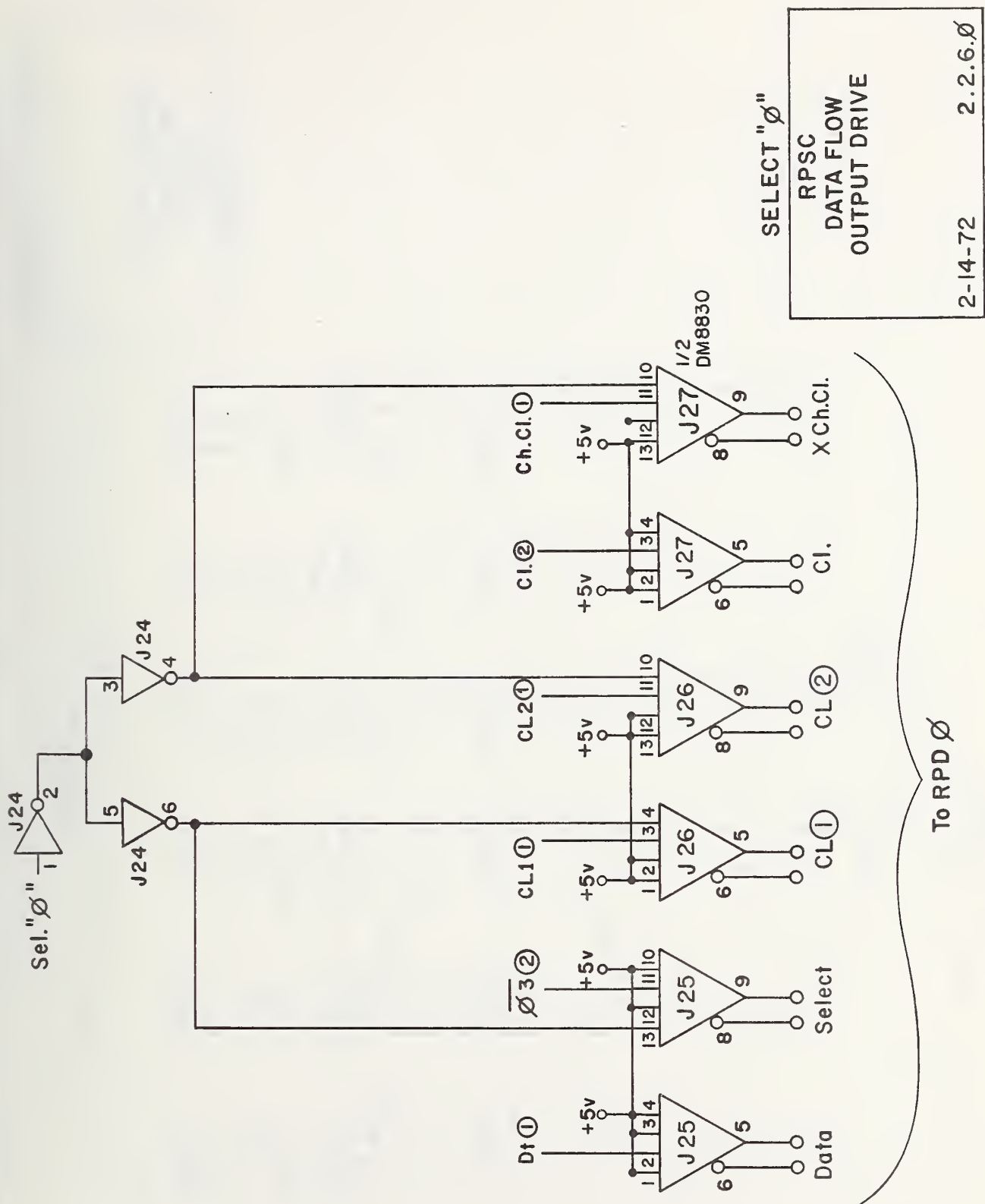
RPSC
DATA FLOW
ADDRESS REGISTER

10-15-73 2.2.5.6

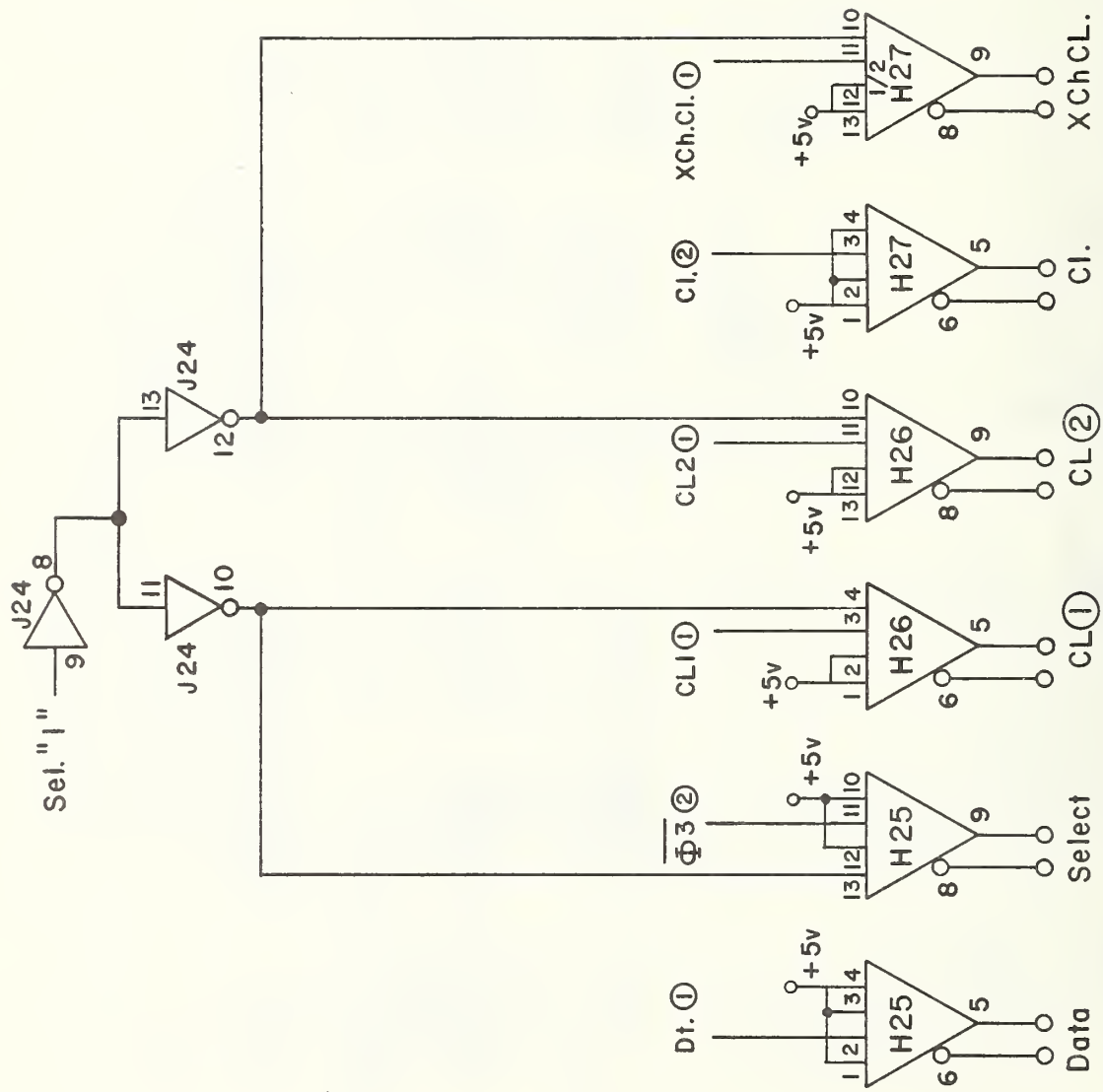


SELECT "7"

RPSC
DATA FLOW
ADDRESS REGISTER



SELECT "Ø"
 RPSC
 DATA FLOW
 OUTPUT DRIVE
 2-14-72 2.2.6.Ø

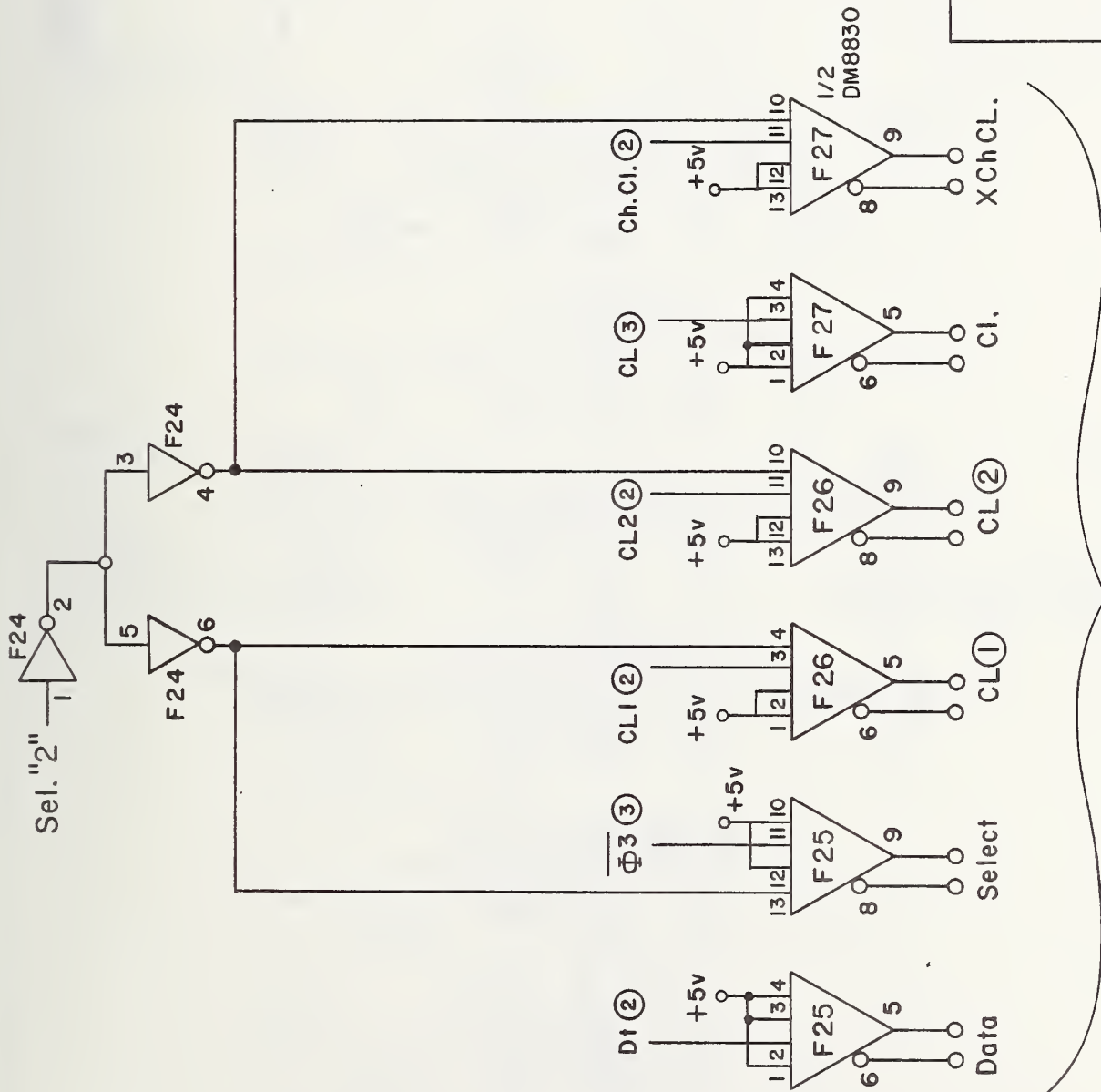


SELECT "1"

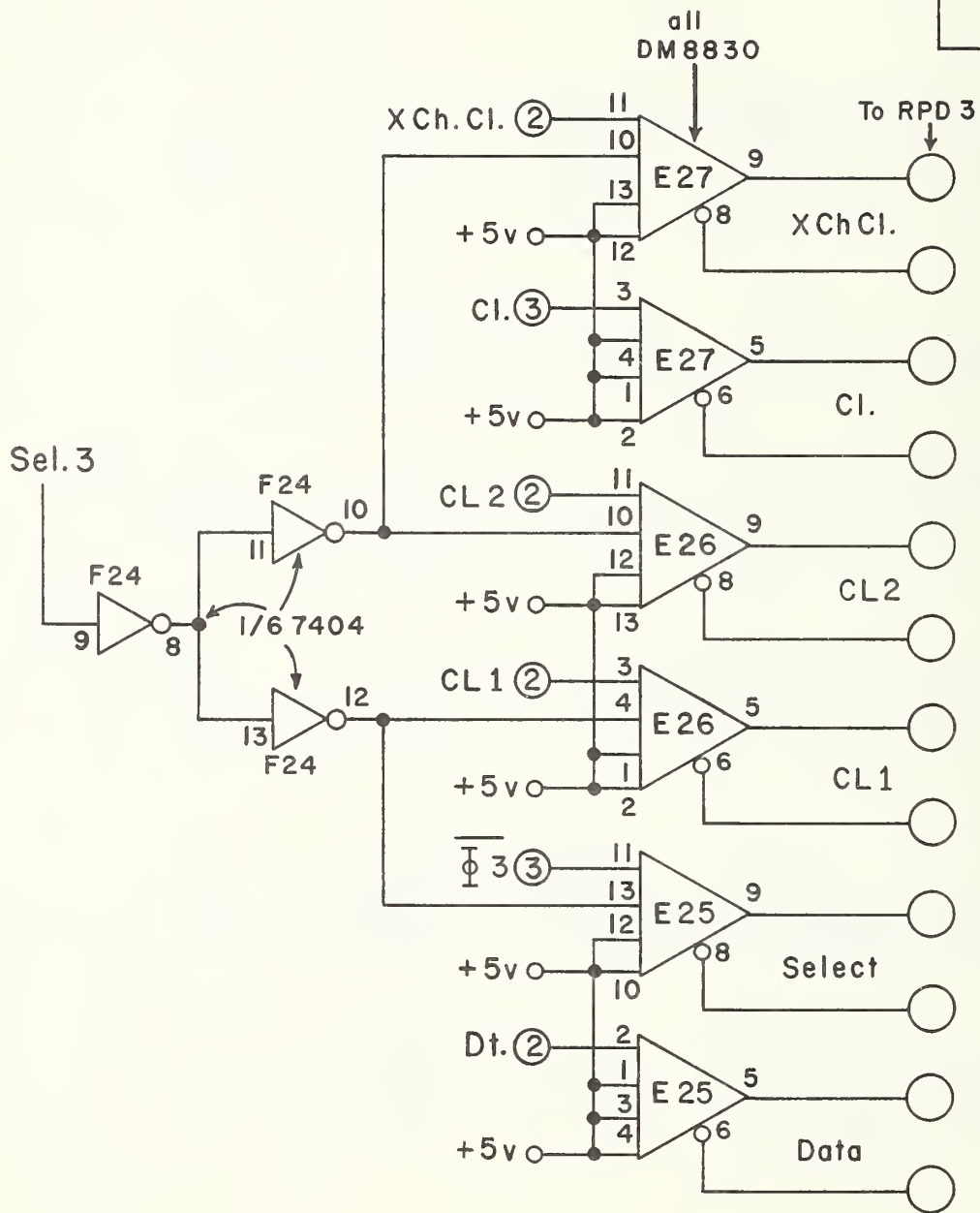
RPSC
DATA FLOW
OUTPUT DRIVE

To RPD "1"

4-14-72 2.2.6.1



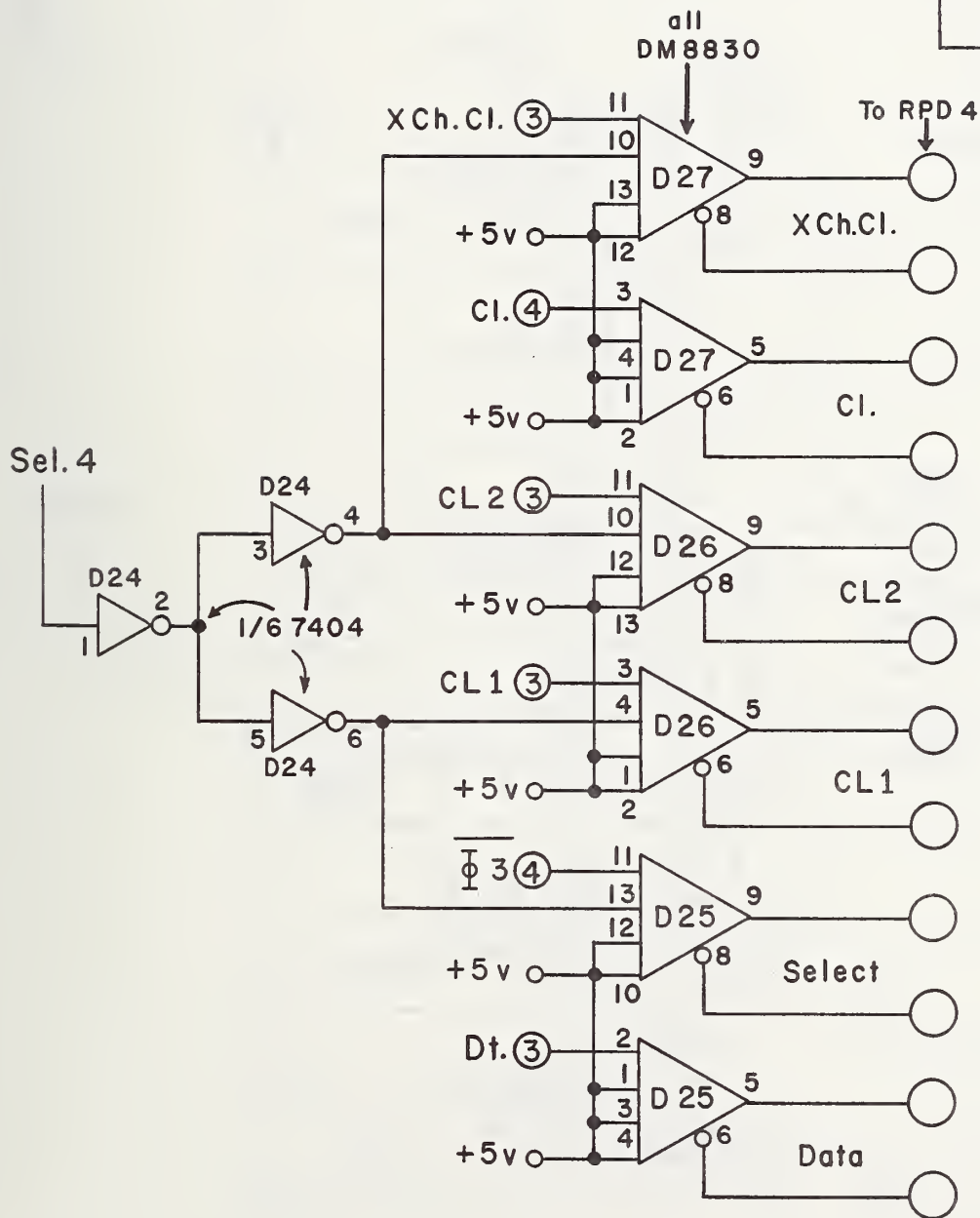
SELECT "2"
 RPSC
 DATA FLOW
 OUTPUT DRIVE
 10-15-73 2.2.6.2



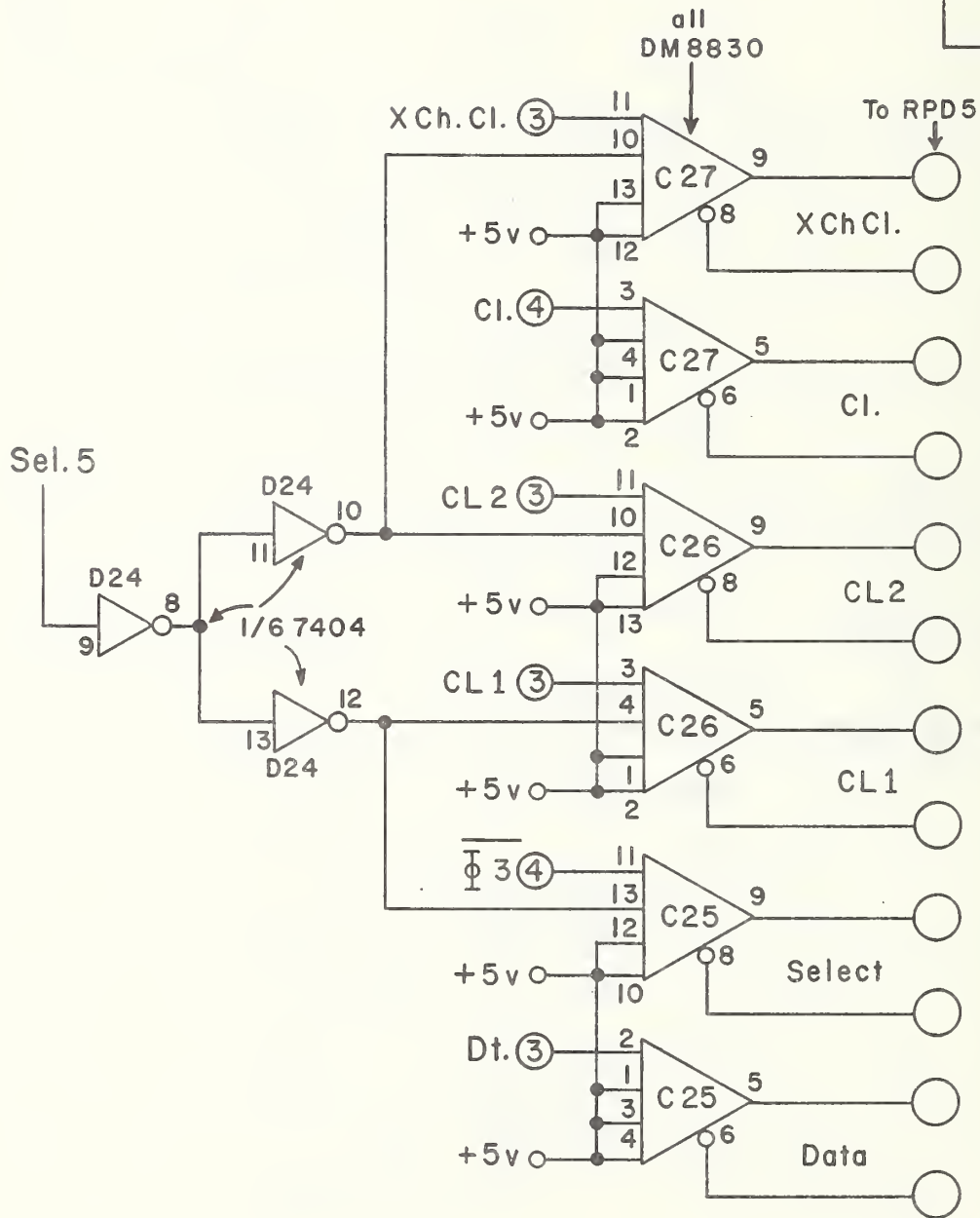
SELECT "3"
 RPSC
 DATA FLOW

10-15-73 2.2.6.3

SELECT "4"
 RPSC
 DATA FLOW
 10-15-73
 2.2.6.4

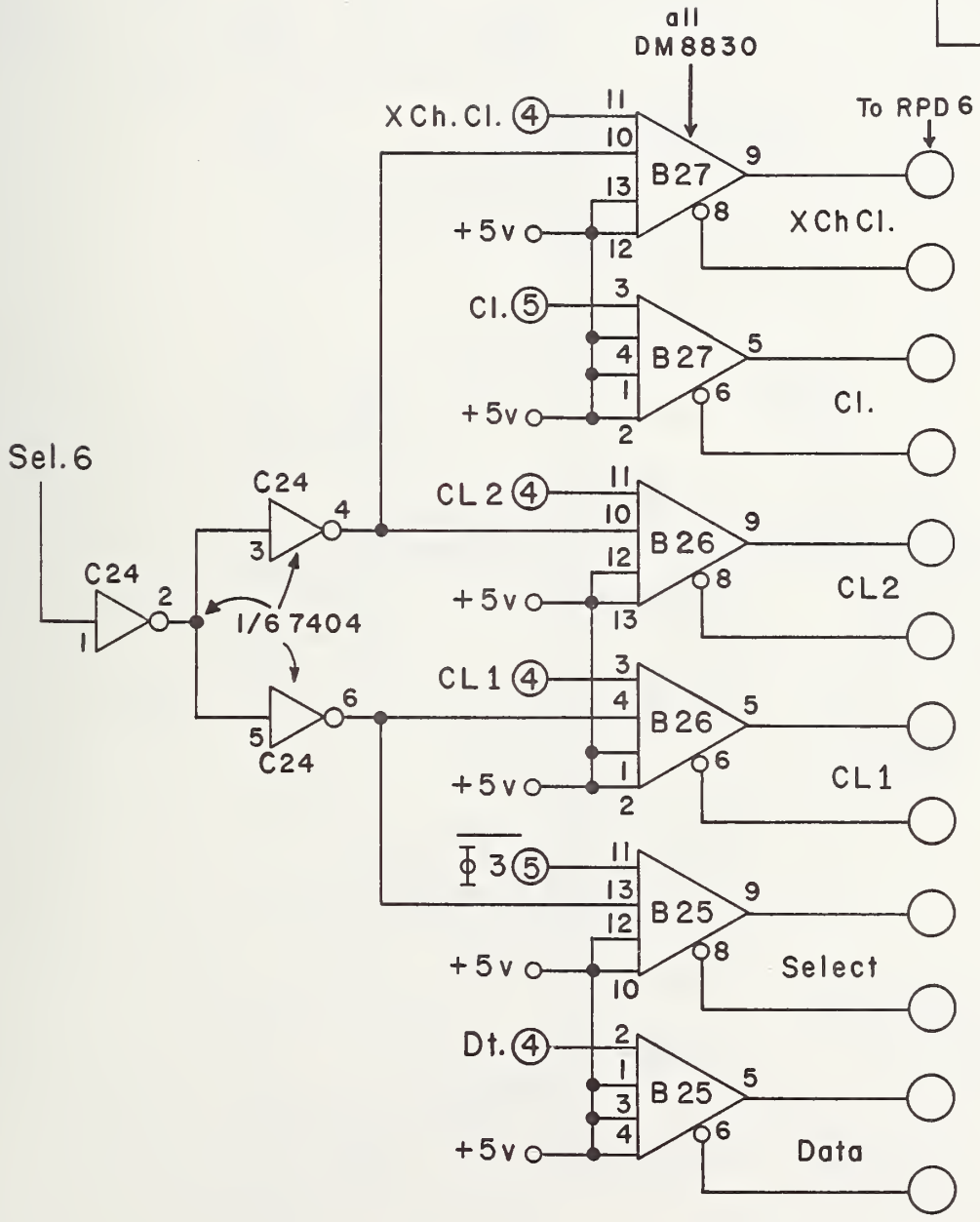


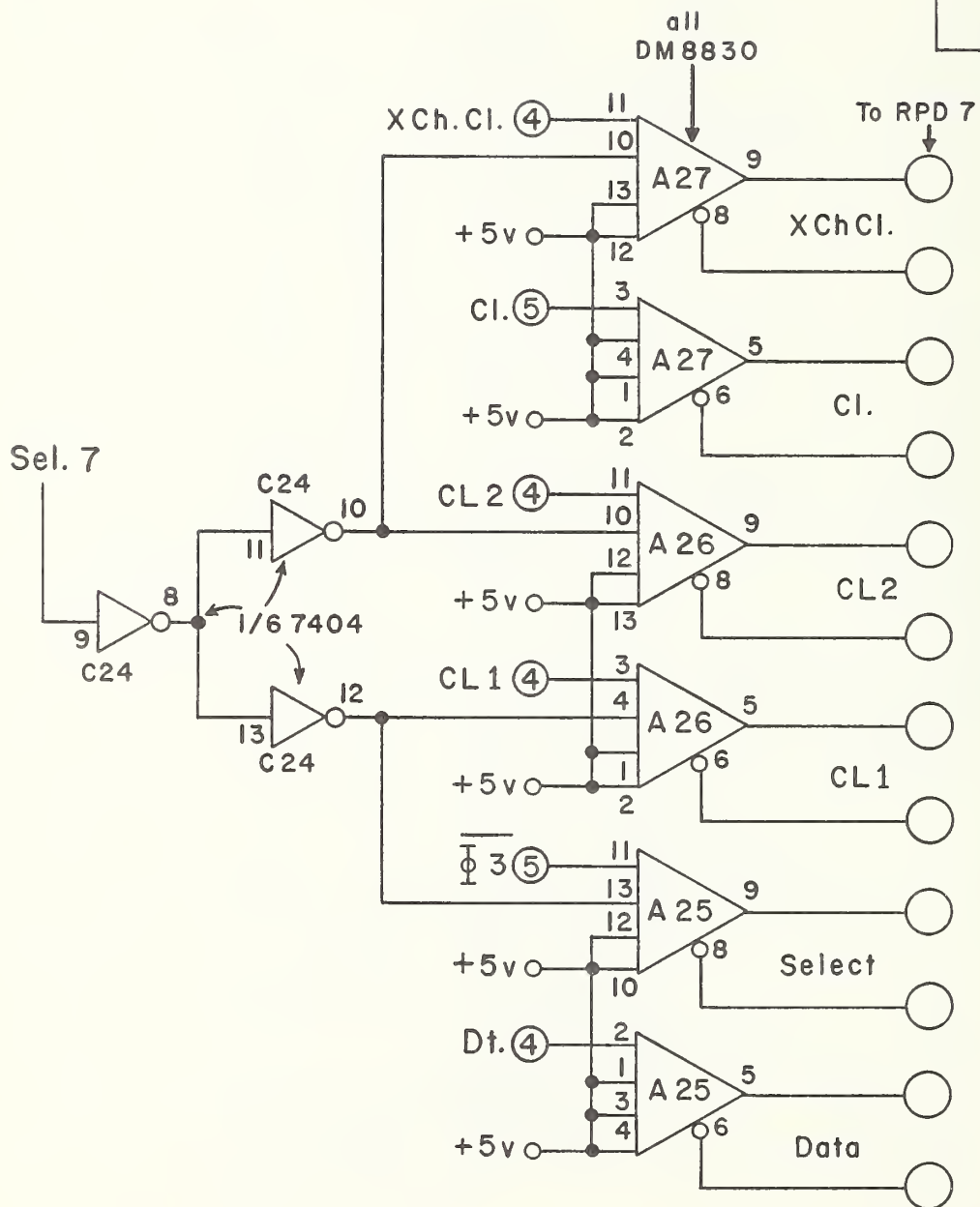
SELECT "5"
 RPSC
 DATA FLOW
 10-15-73 2.2.6.5



SELECT "6"
 RPSC
 DATA FLOW

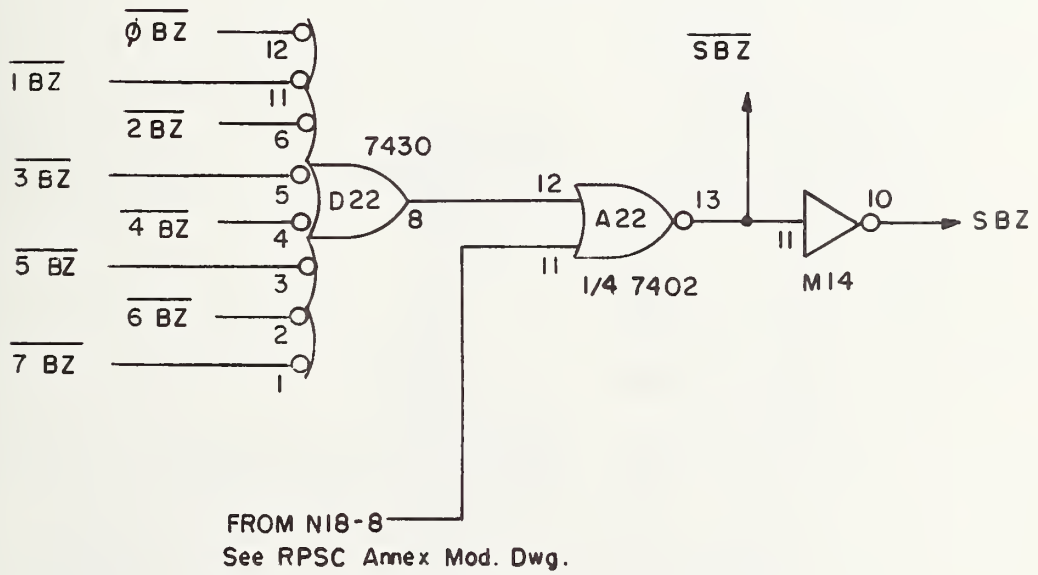
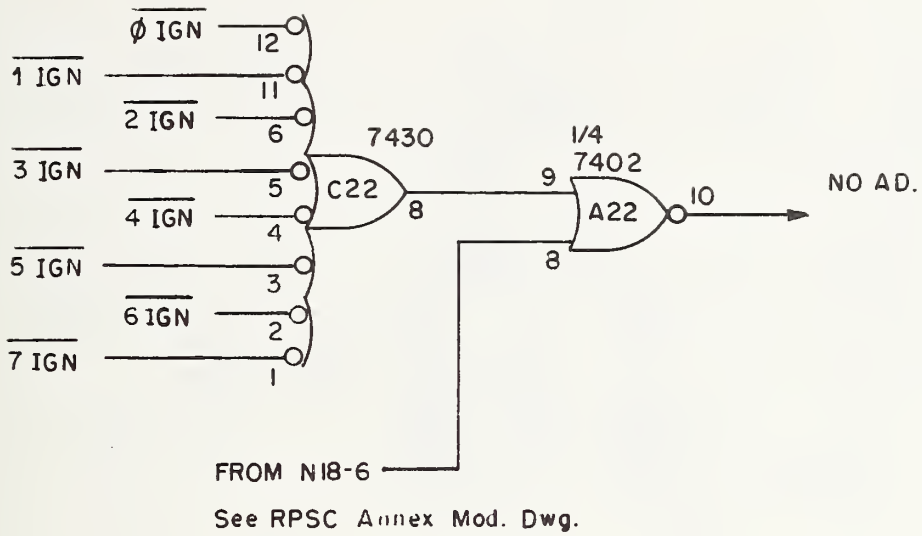
10-15-73 2.2.6.6





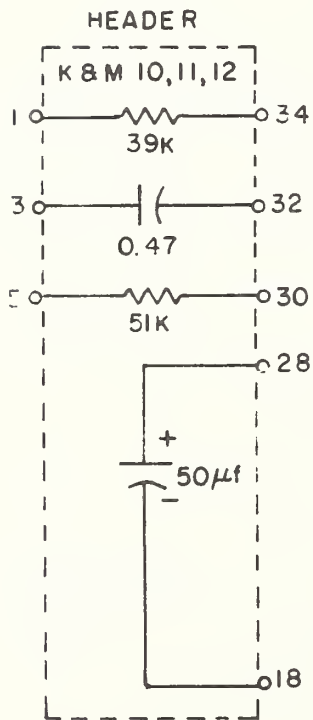
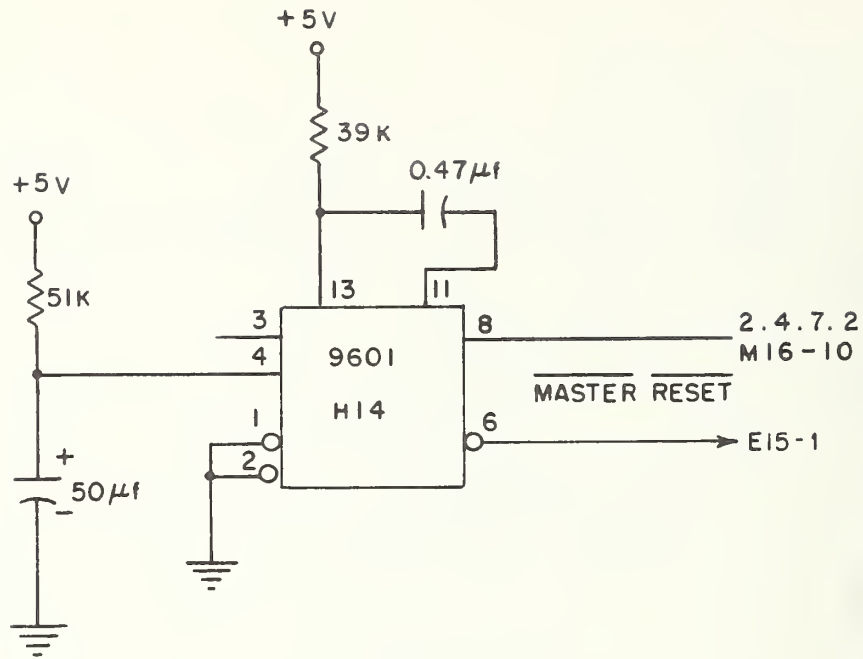
SELECT "7"
 RPSC
 DATA FLOW

10-15-73 2.2.6,7

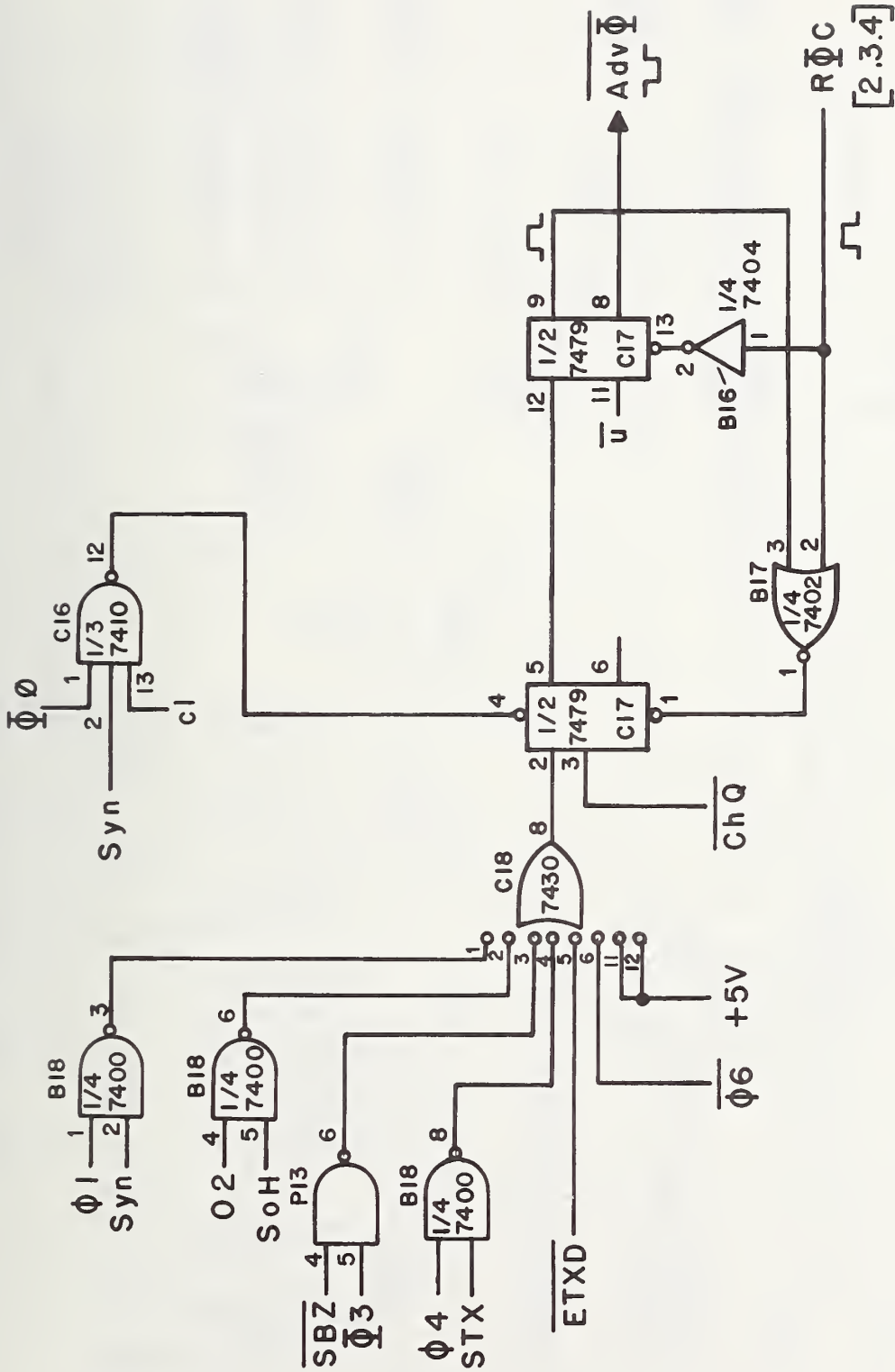


NO ADDRESS, SBZ

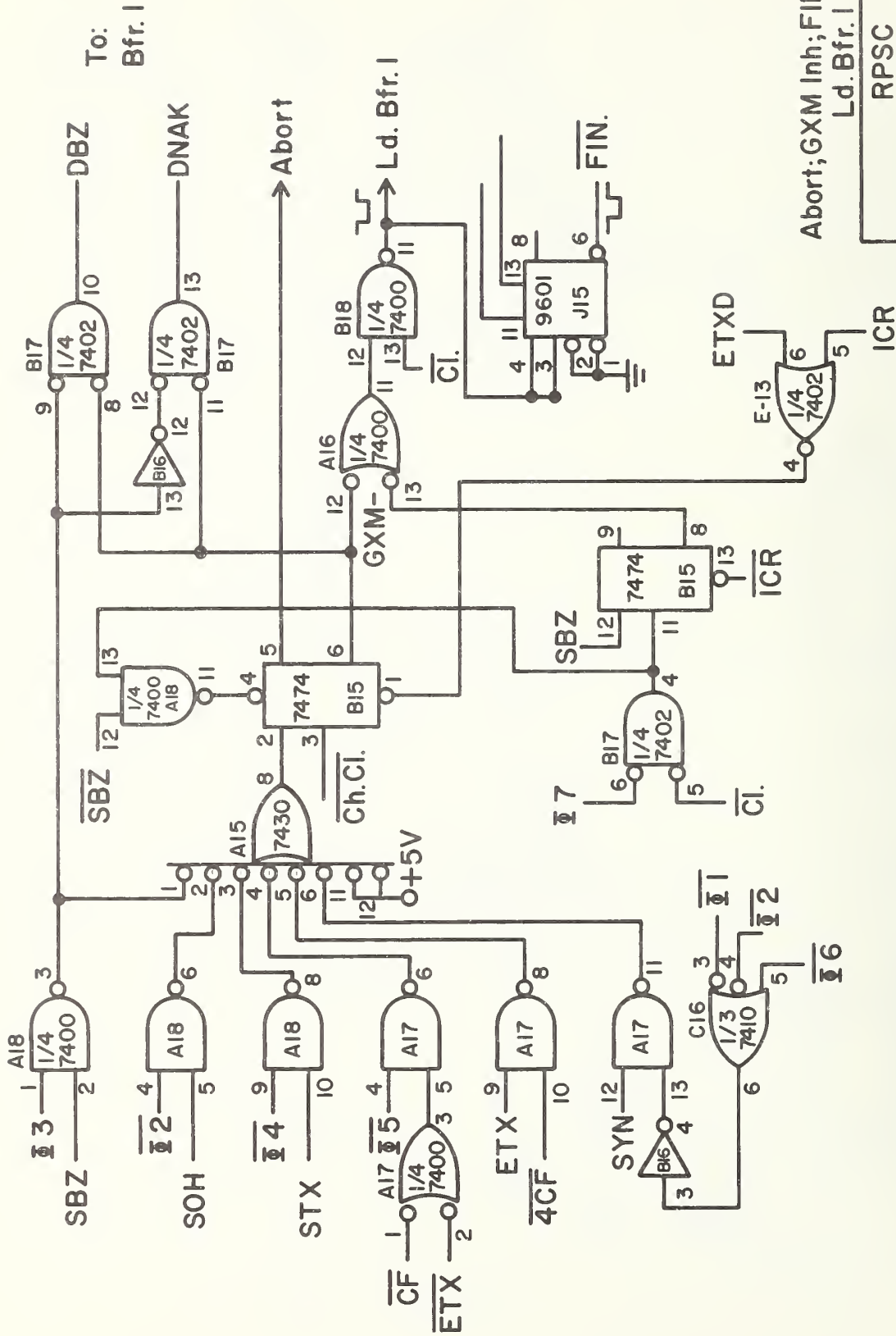
RPSC DATA FLOW	
10/15/73	2.2.7



RPSC
DATA FLOW
MASTER RESET
8/7/72 2.2.8



RPSC
Control Circuits
Advance Φ Counter
3-10-72 2.3.1

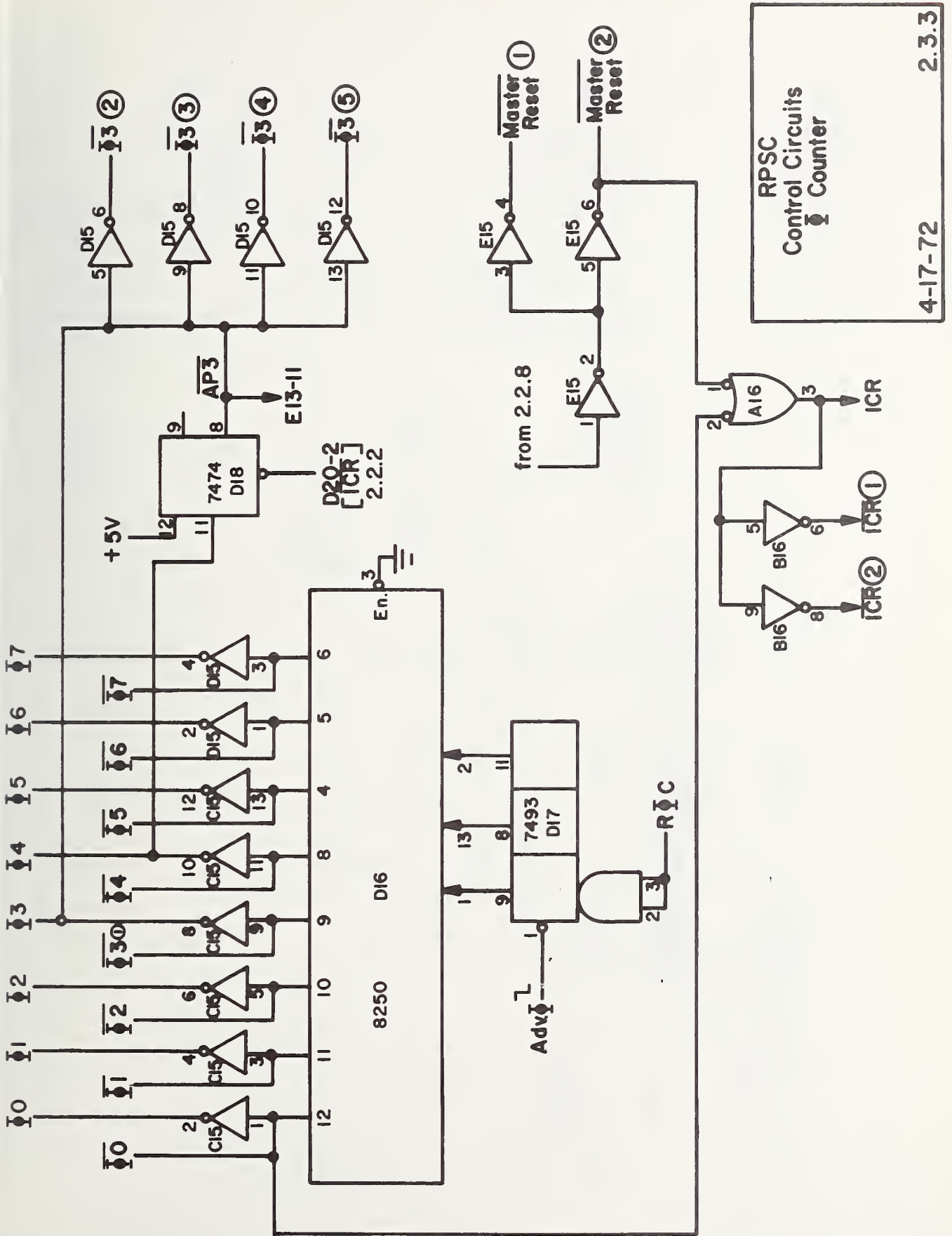


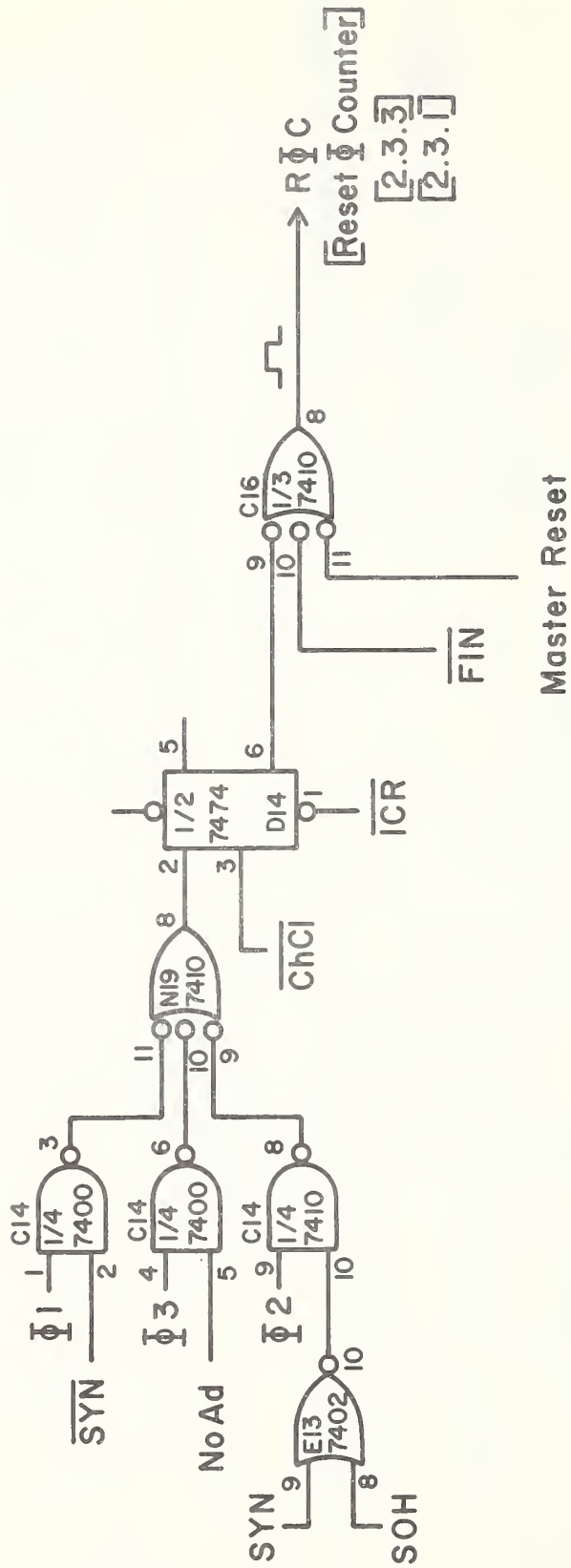
Abort; GXM Inh; FIN; X Sel
Ld. Bfr. I

RPSC
Control Circuits

3-8-72

2.3.2

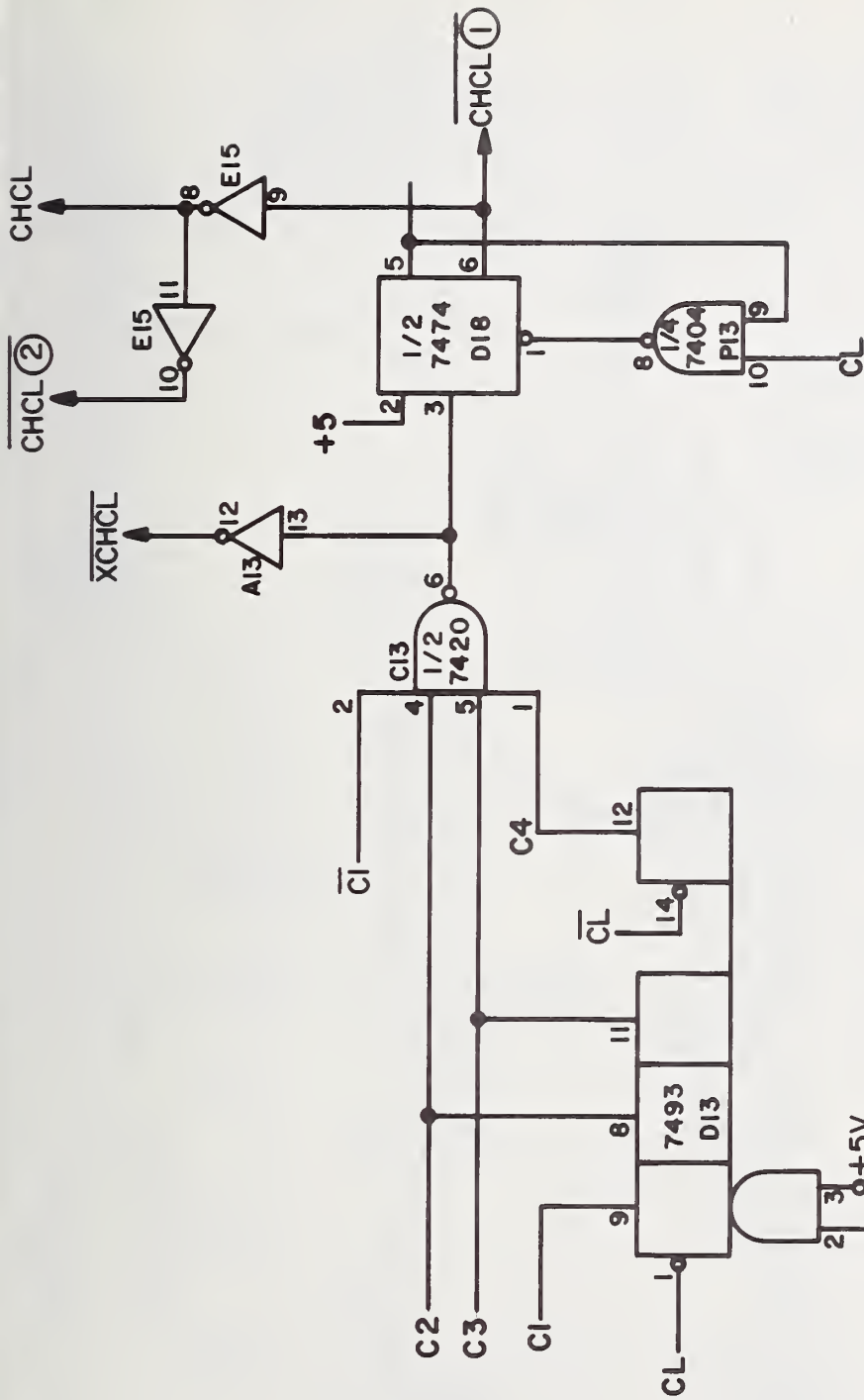




Master Reset

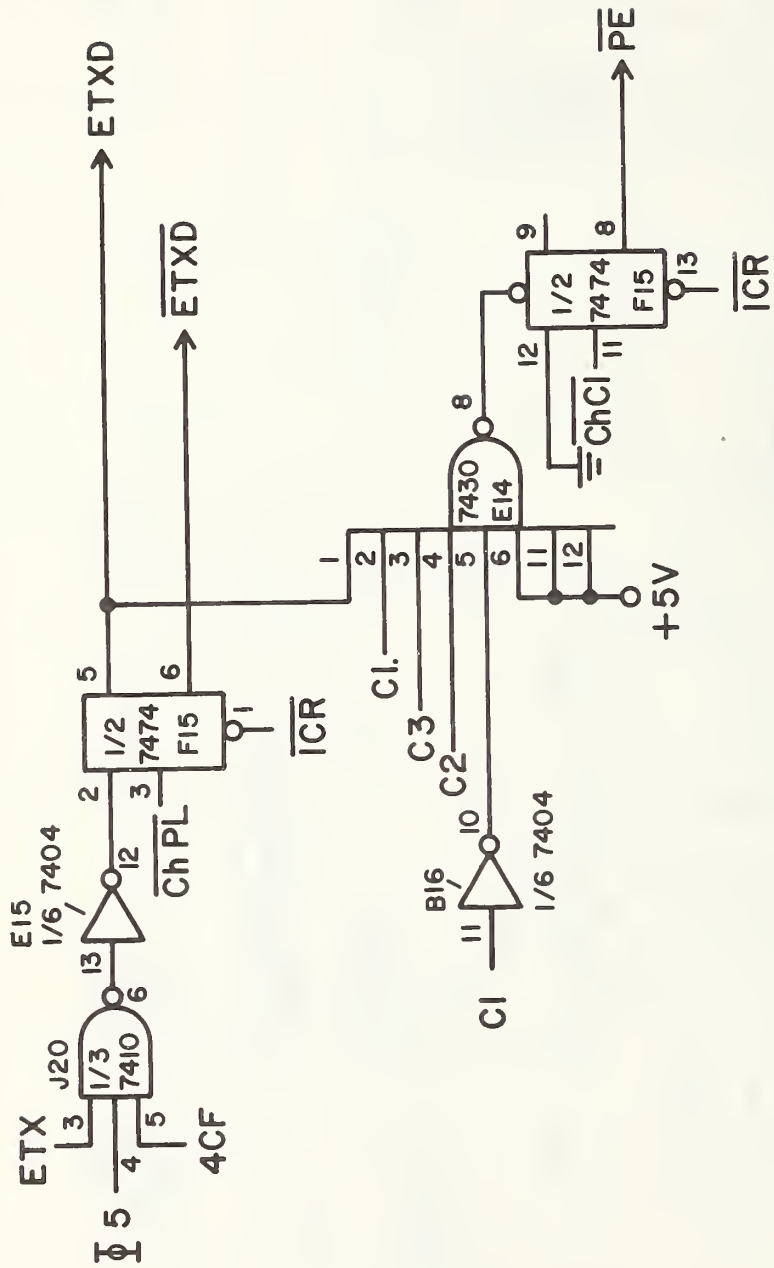
RPSC
Control Circuits
Reset Φ Counter

2-17-72 2.3.4



RPSC
Control Circuits
Ch. Cl. Generator

8-5-72 2.3.5



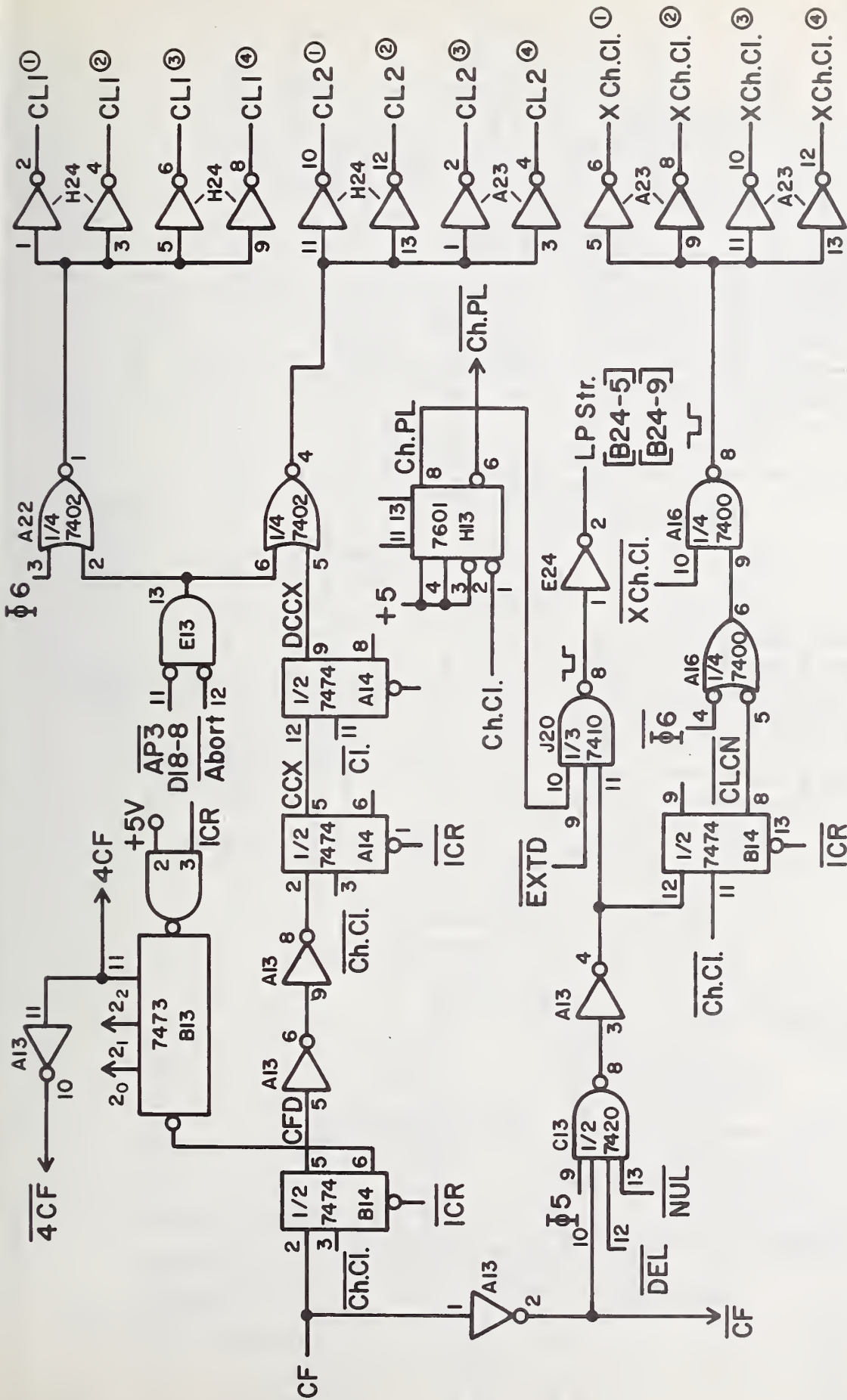
ETXD; \overline{PE}

RPSC

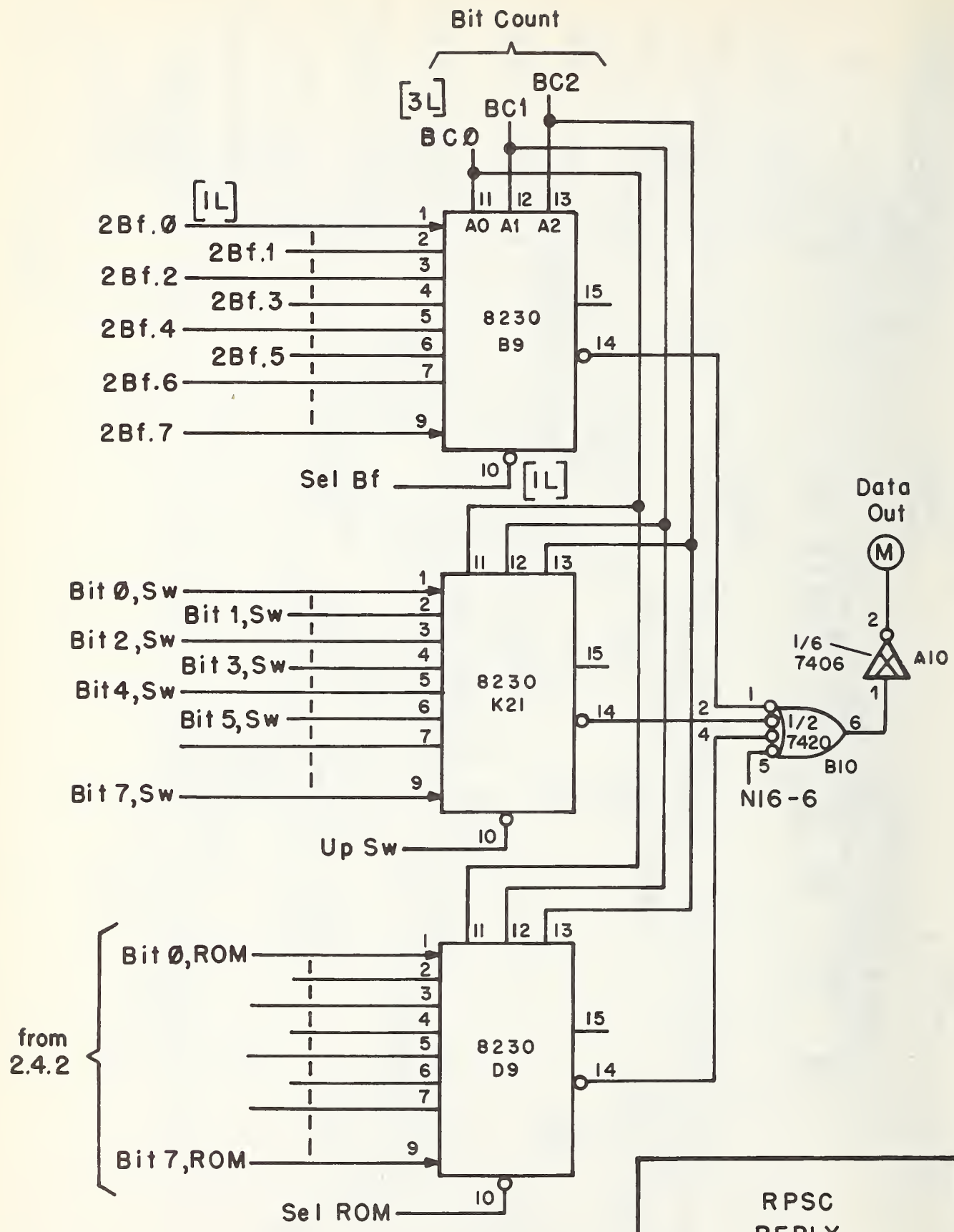
Control Circuits

3-9-72

2.3.6

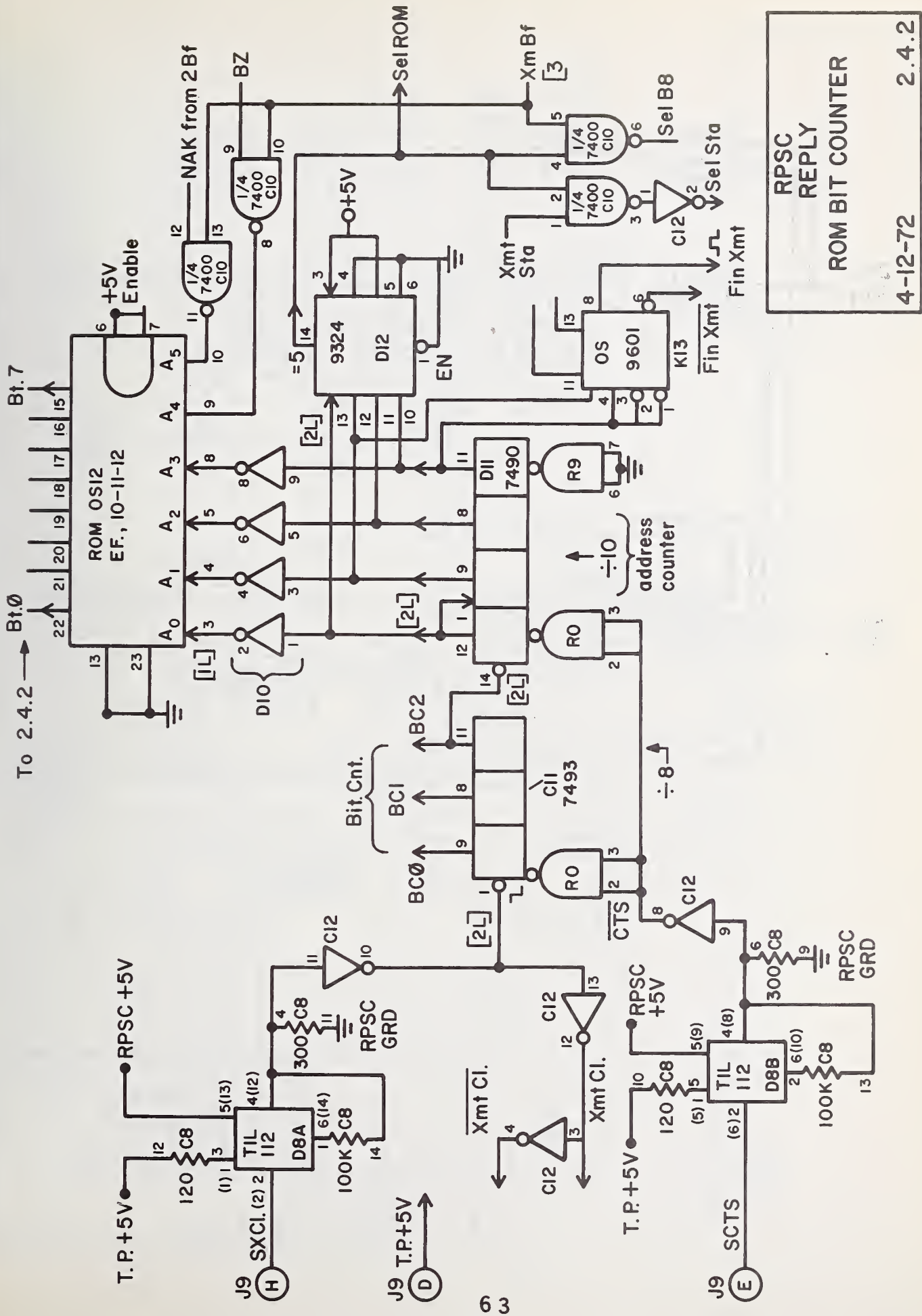


CL1;CL2;LPStr;
 XChCl;4CF
 RPSC
 Control Circuits
 8-5-72 2.3.7



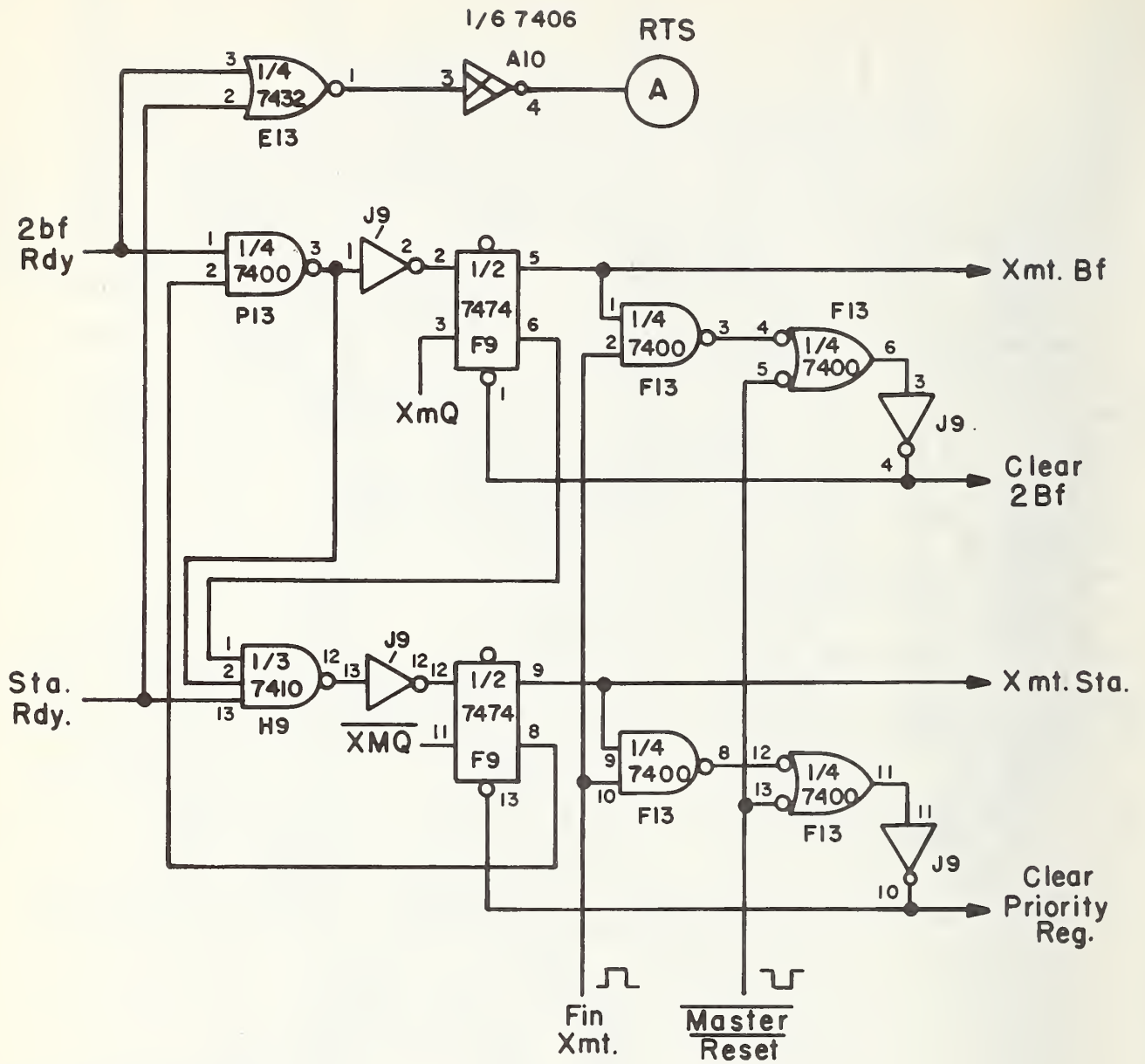
RPSC
REPLY
DATA OUT GATING

4-11-72 24.1



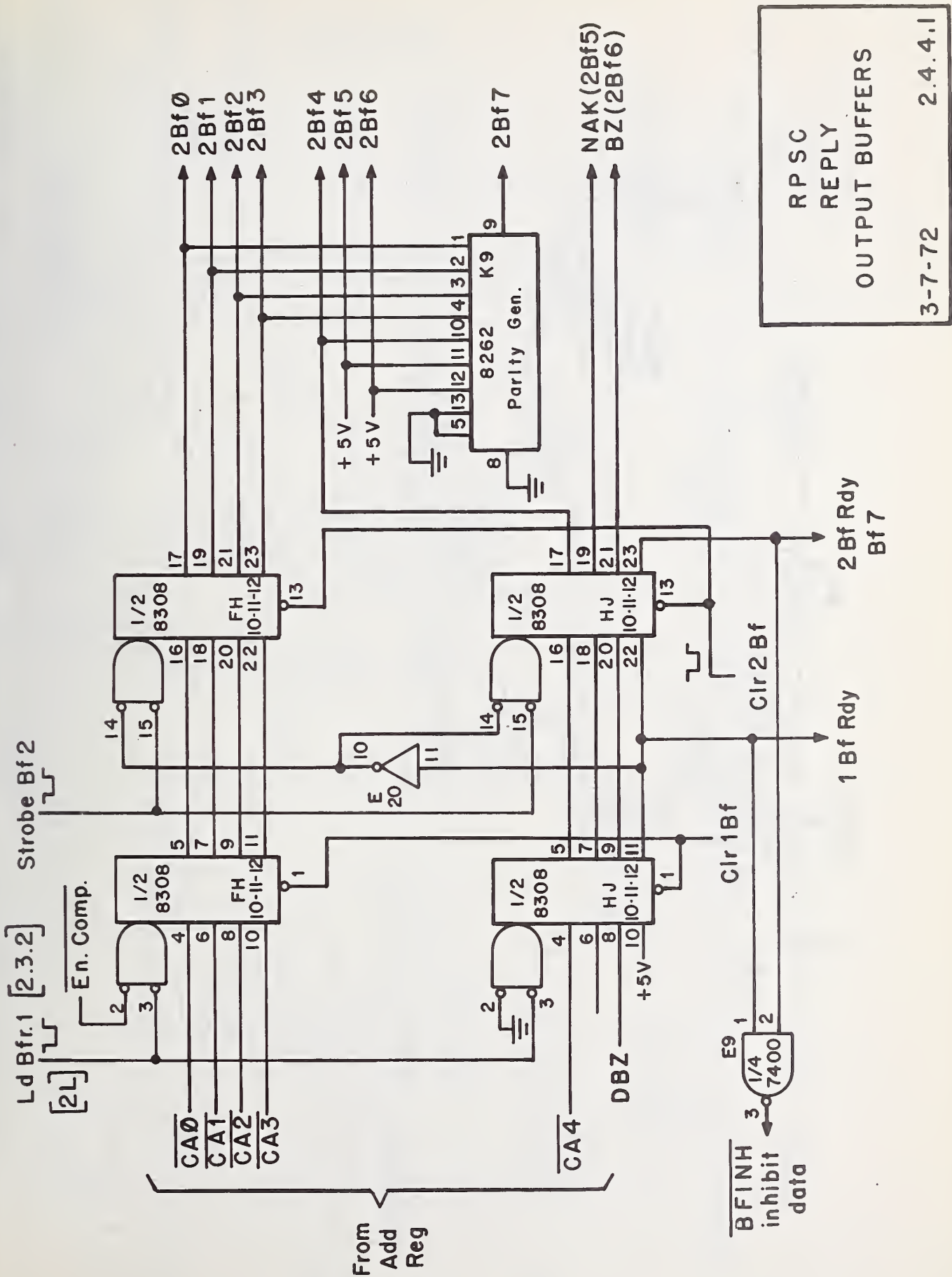
**RPSC
REPLY
ROM BIT COUNTER**

4-12-72 2.4.2

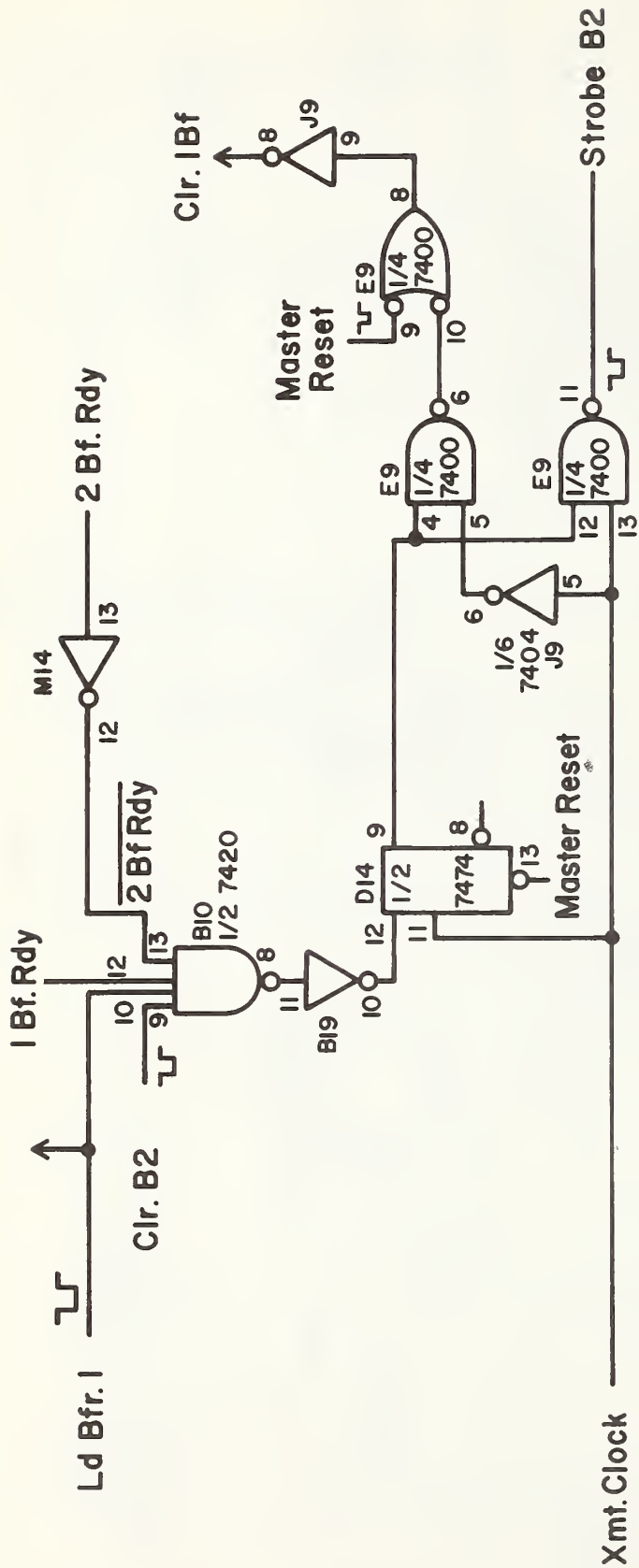


RPSC
 REPLY
 Priority Xmit

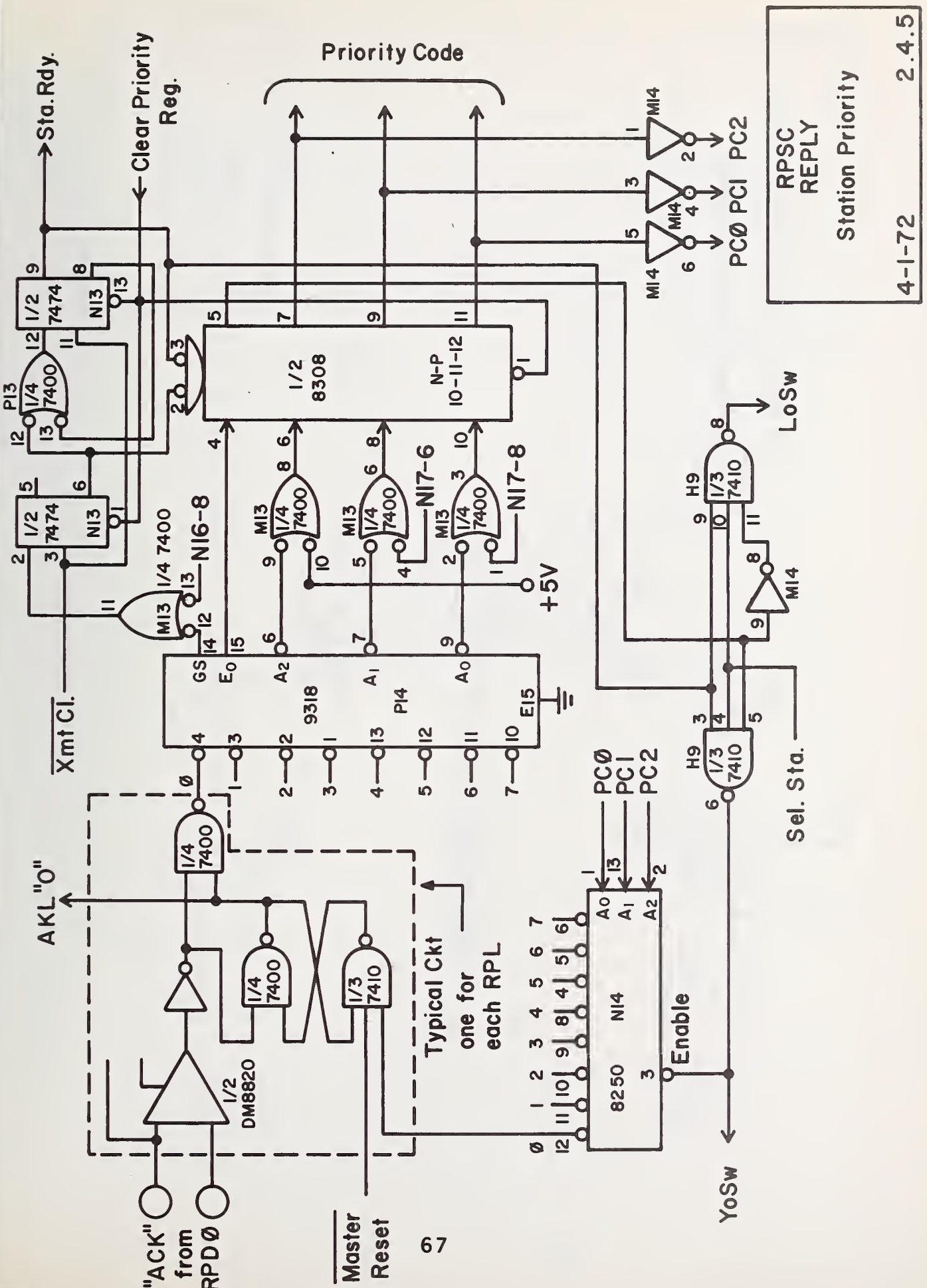
2-8-72 2.4.3



RPSC
 REPLY
 OUTPUT BUFFERS
 3-7-72 2.4.4.1



RPSC
REPLY
Output Buffer Control
3-7-72 2.4.4.2



Priority Code

RPSC
REPLY
Station Priority
4-1-72 2.4.5

AKL "0"

"ACK" from RPD 0

Master Reset

Typical Ckt one for each RPL

PC0
PC1
PC2

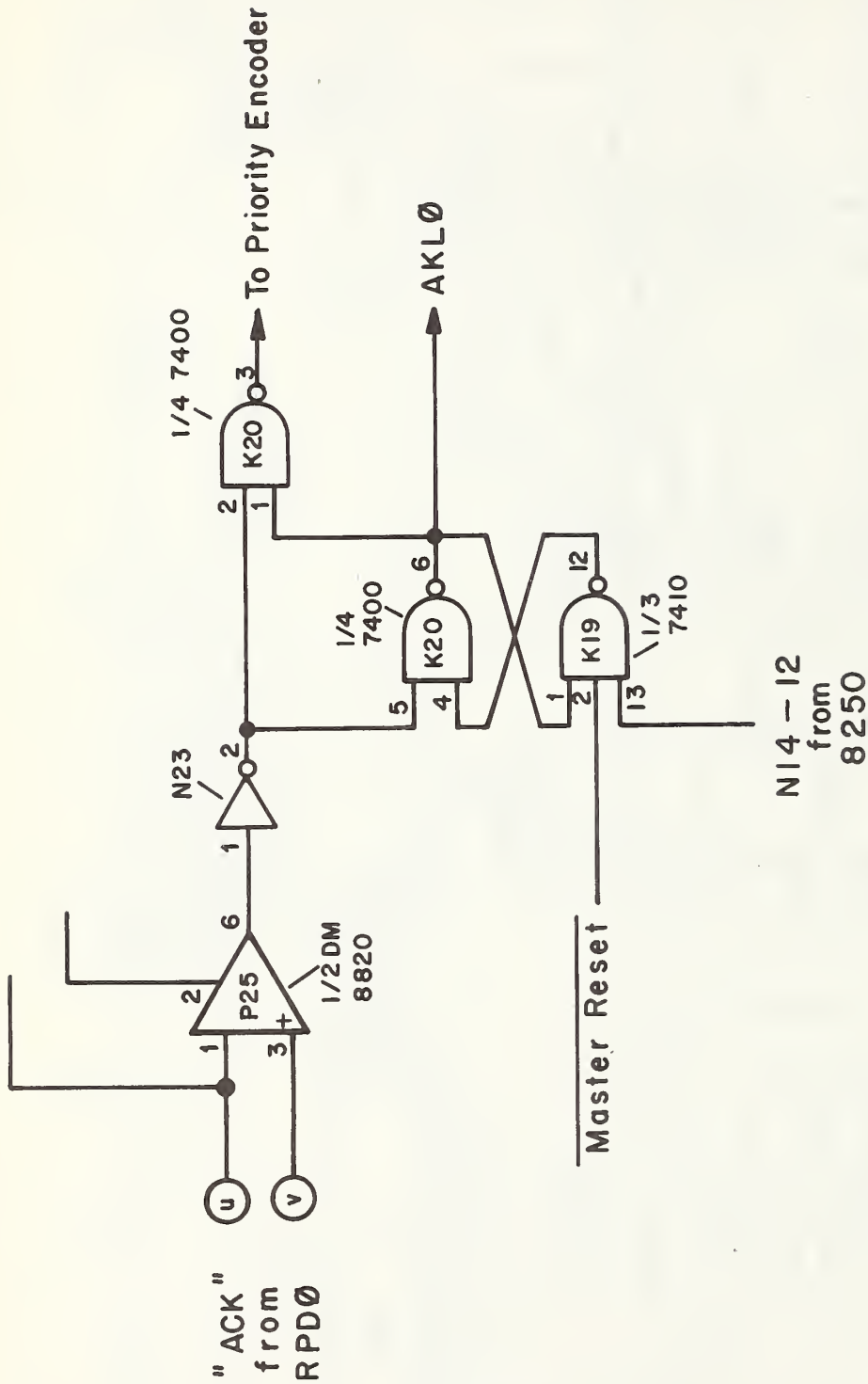
YoSw

Sel. Sta.

LoSw

PC0 PCI PC2

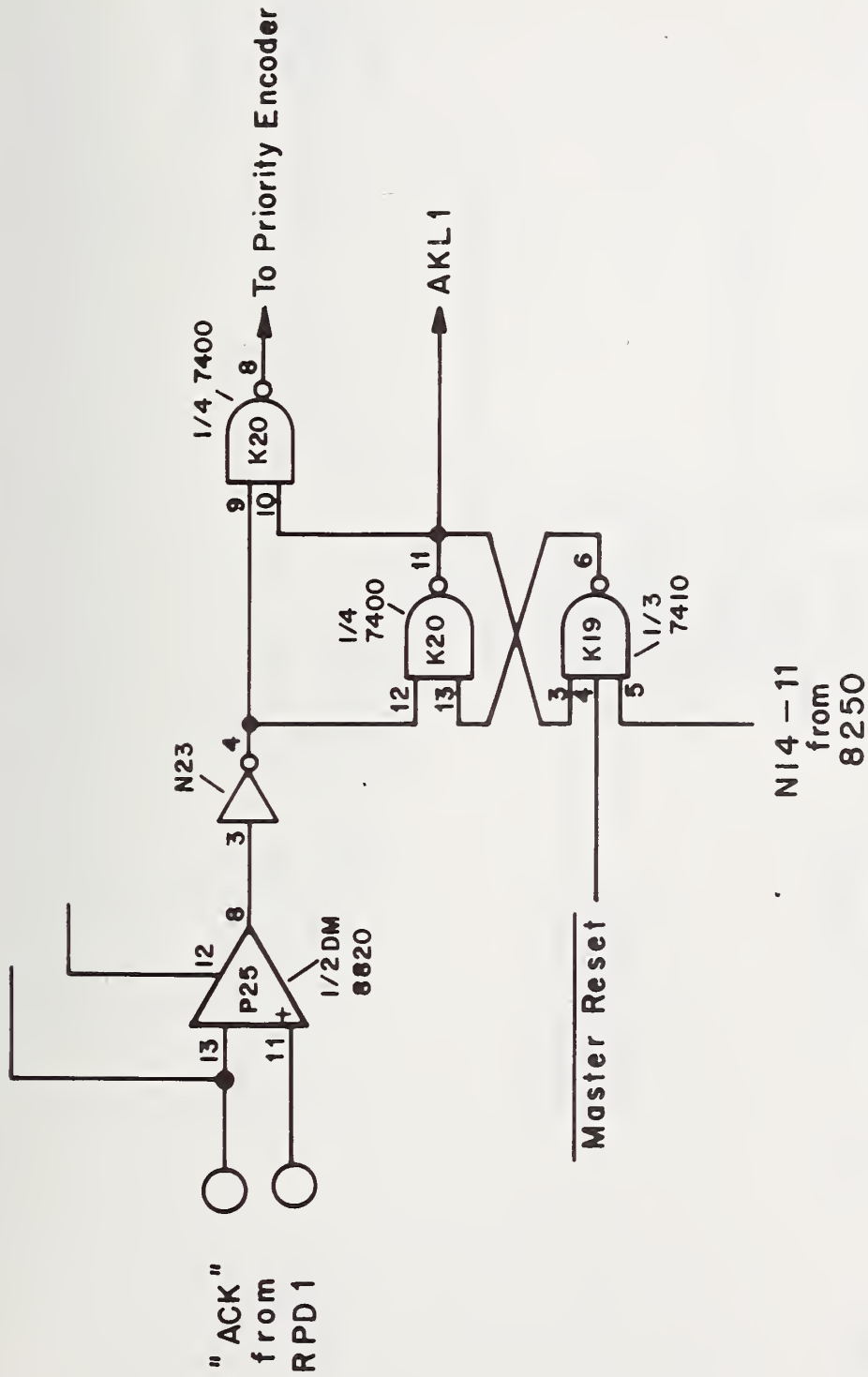
RPSC
REPLY
Station Priority



AKLØ

RPSC
REPLY
STATION PRIORITY

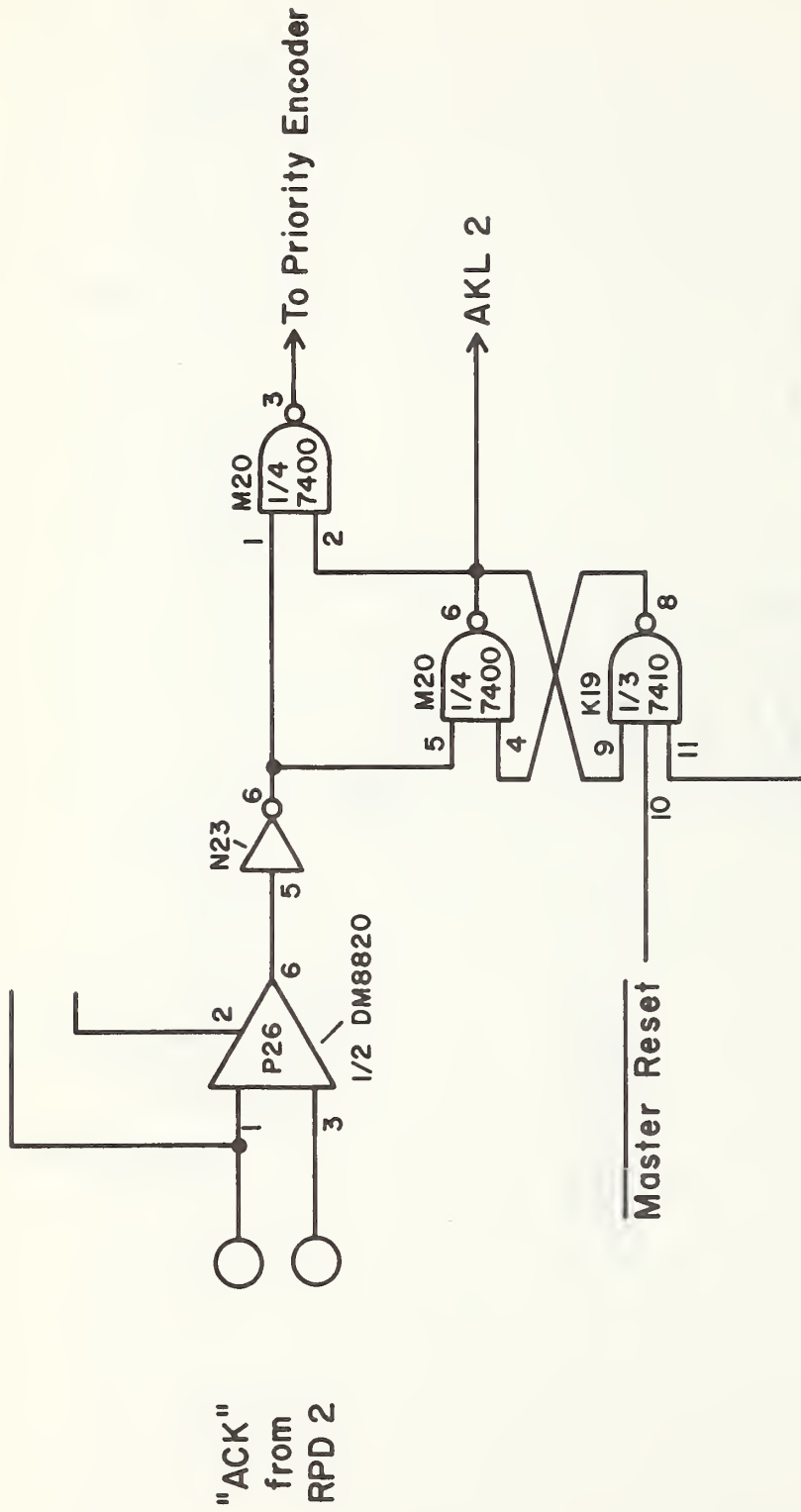
2.4.5.0



AKL 1

RPSC
REPLY
STATION PRIORITY

2.4.5.1



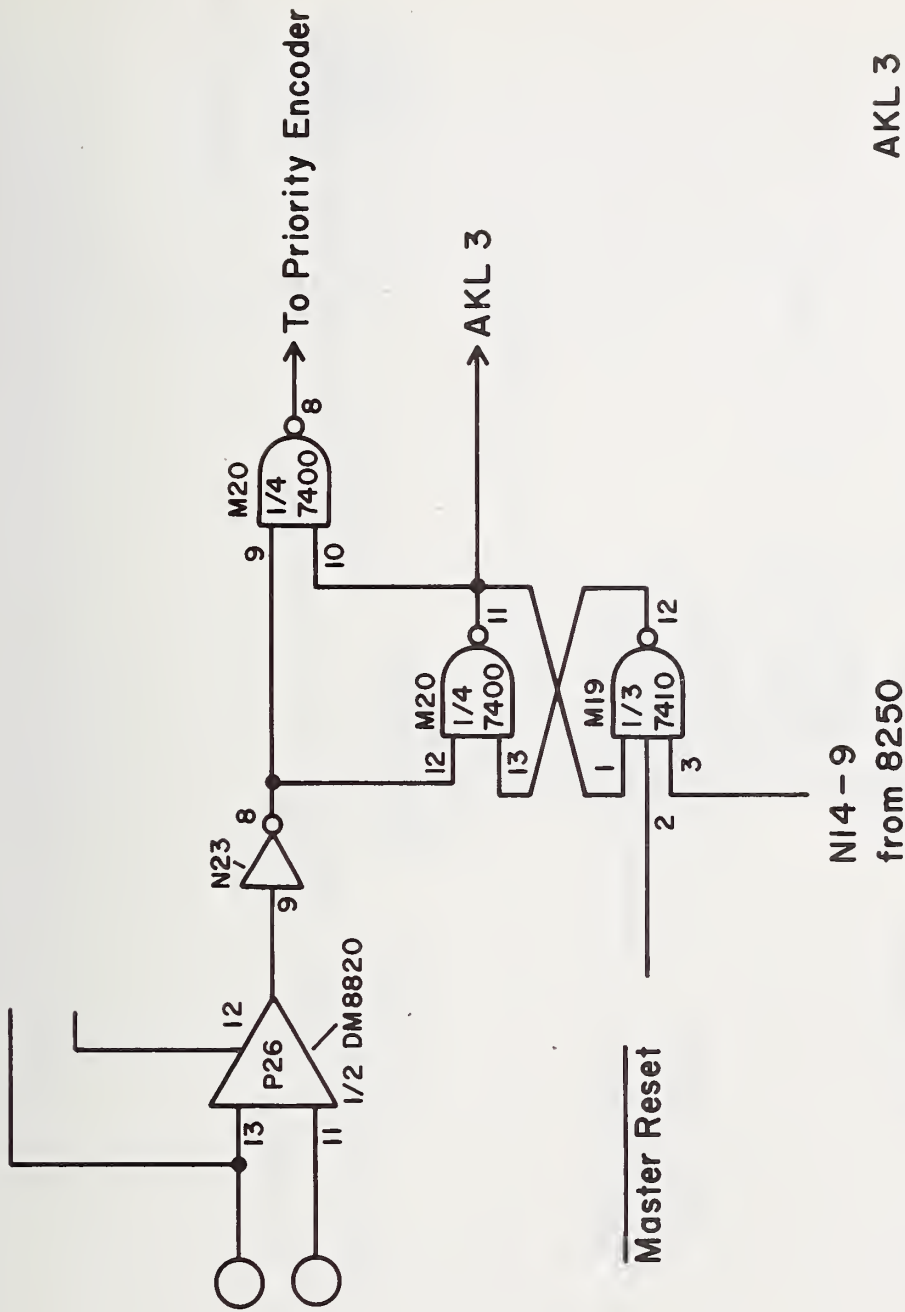
AKL 2

RPSC
REPLY

Station Priority

2.4.5.2

"ACK"
from
RPD 3



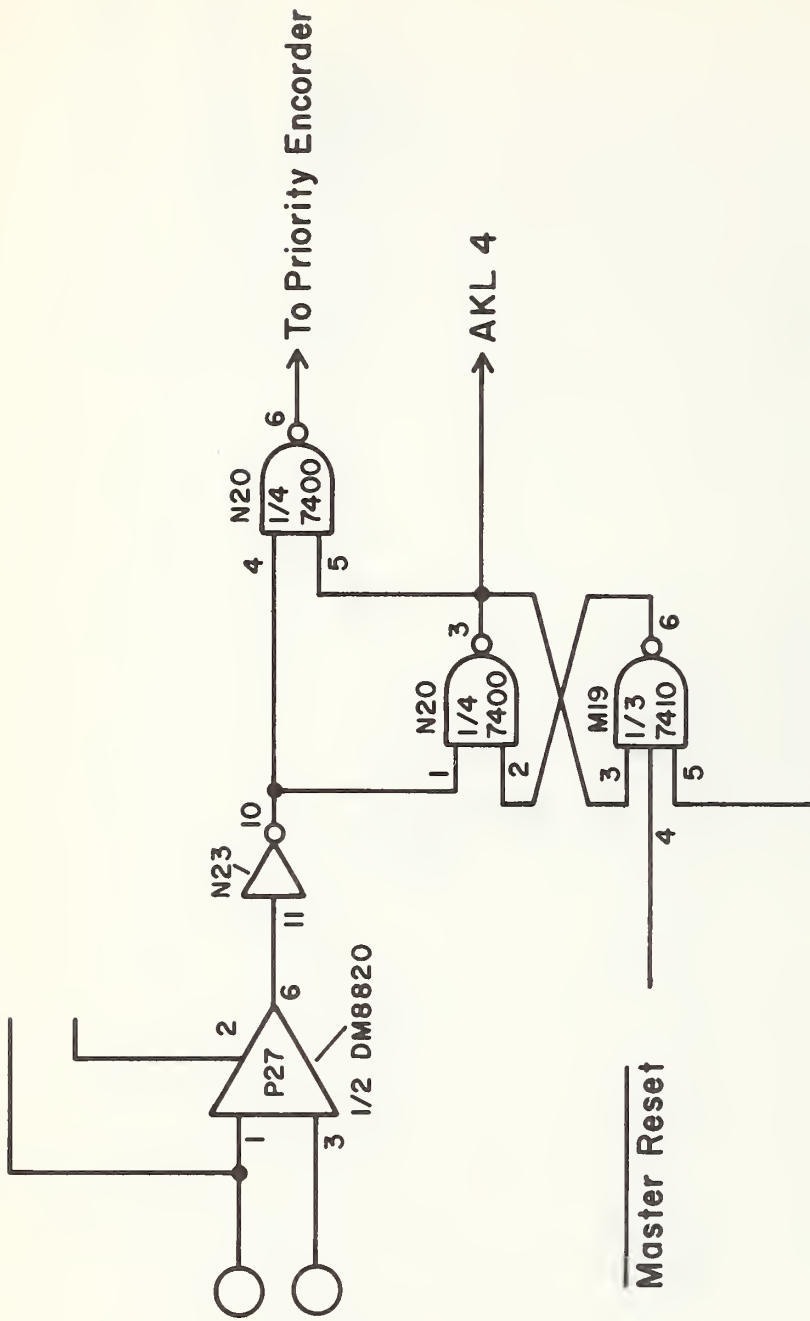
AKL 3

RPSC
REPLY

Station Priority

2.4.5.3

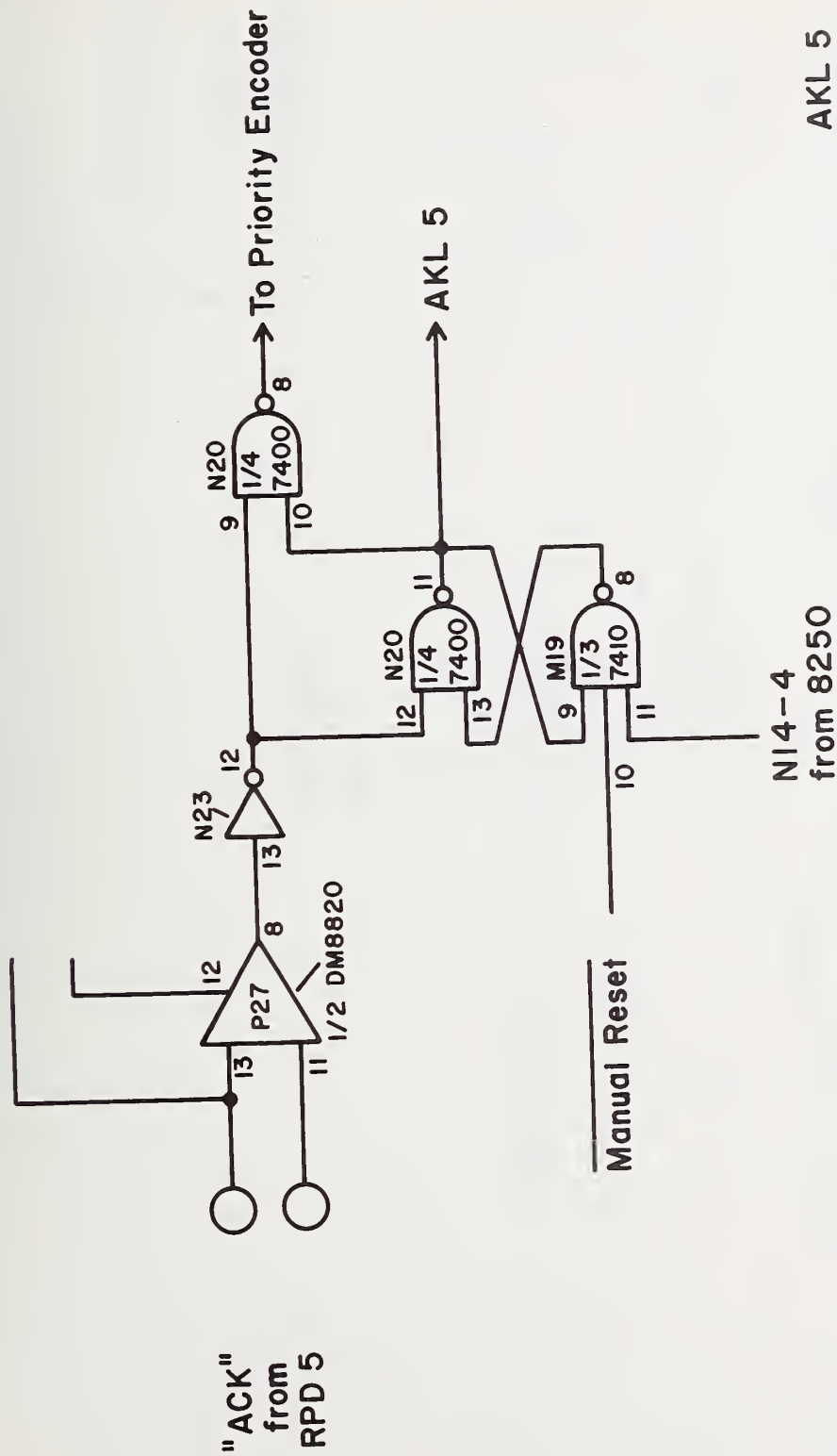
"ACK"
from
RPD4



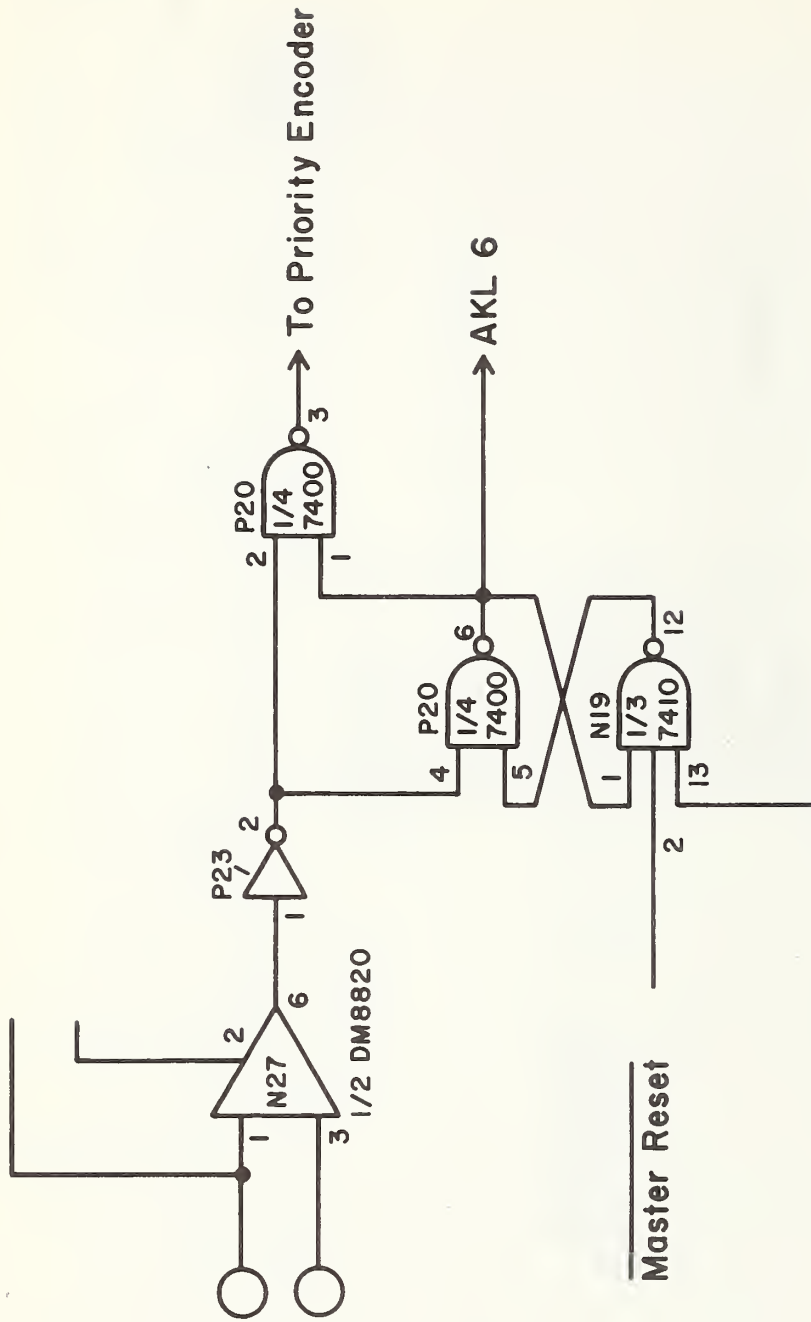
N14-8
from 8250

AKL 4

RPSC
REPLY
Station Priority
2.4.5.4



AKL 5
 RPSC
 REPLY
 Station Priority
 2.4.5.5



"ACK"
from
RPD 6

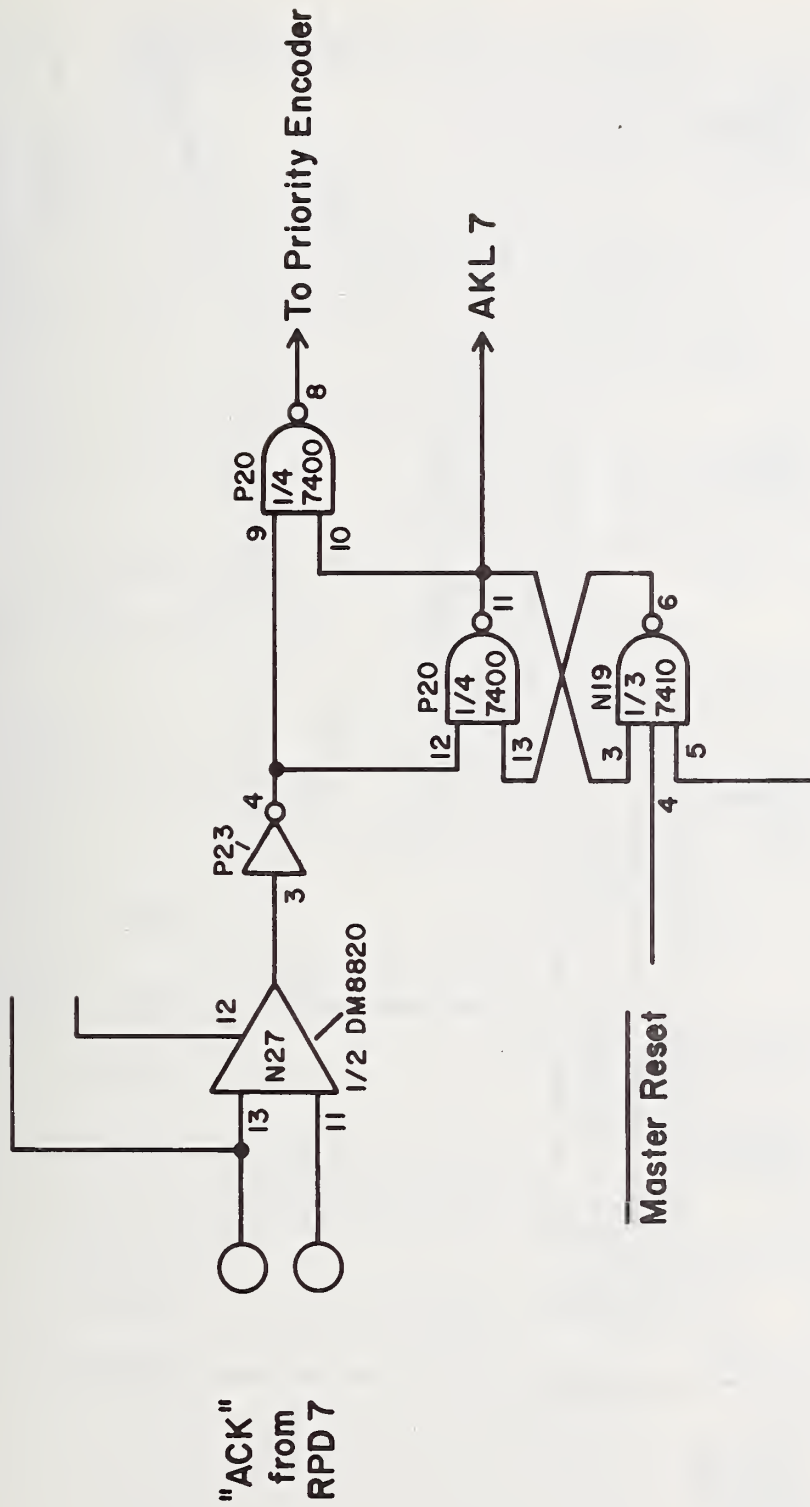
N14-5
from 8250

AKL 6

RPSC
REPLY

Station Priority

2.4.5.6

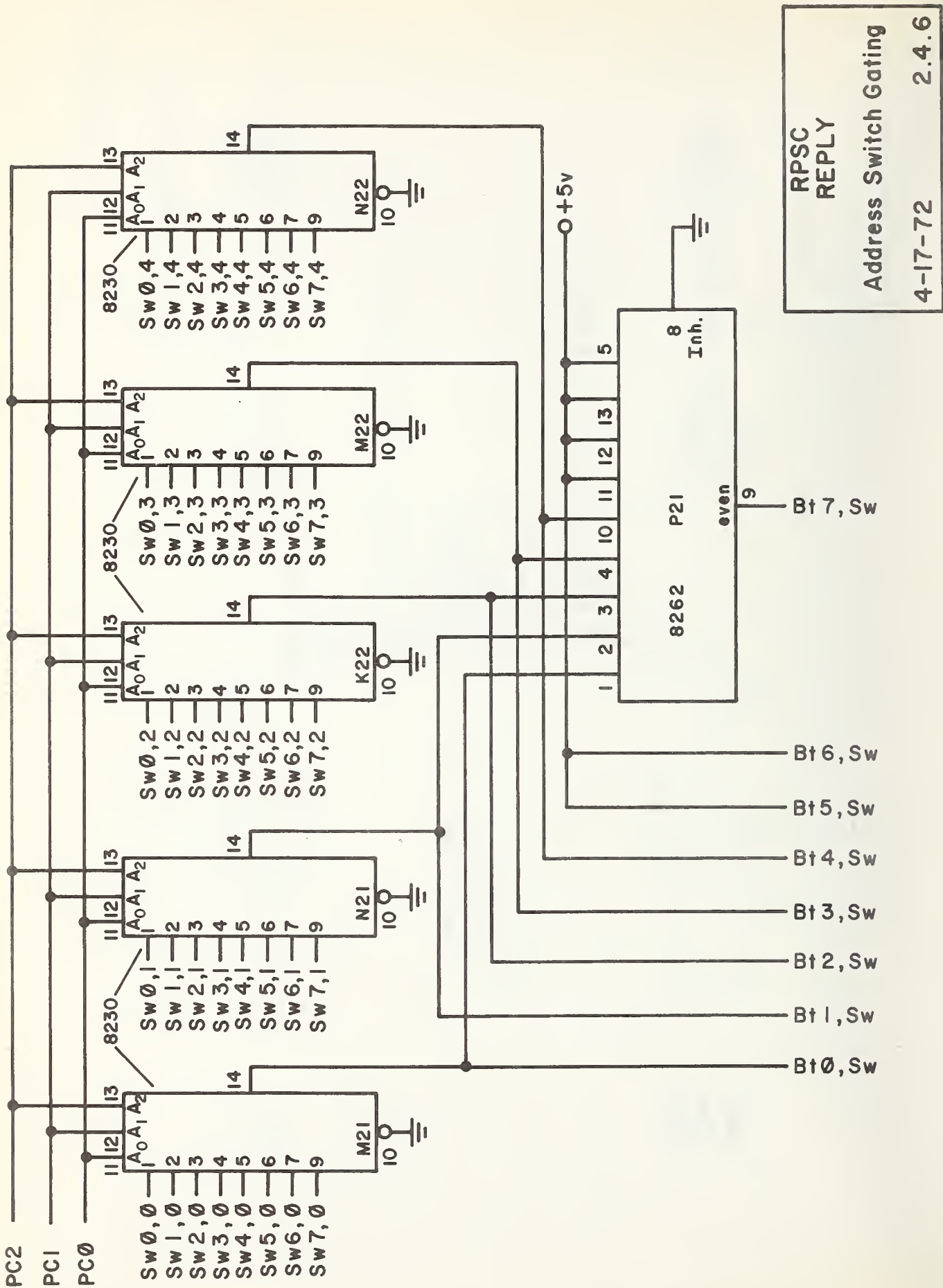


AKL 7

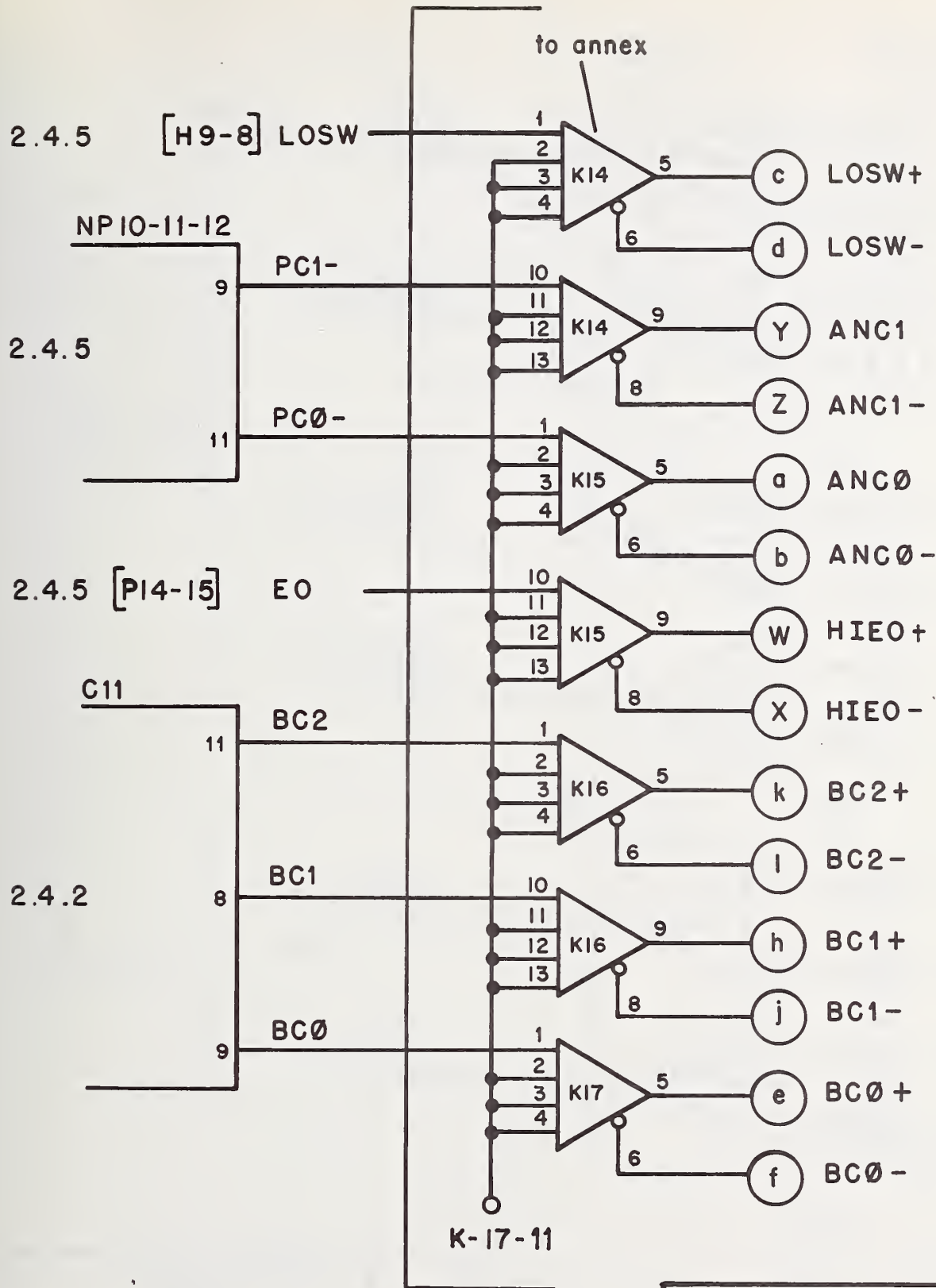
RPSC
REPLY

Station Priority

2.4.5.7

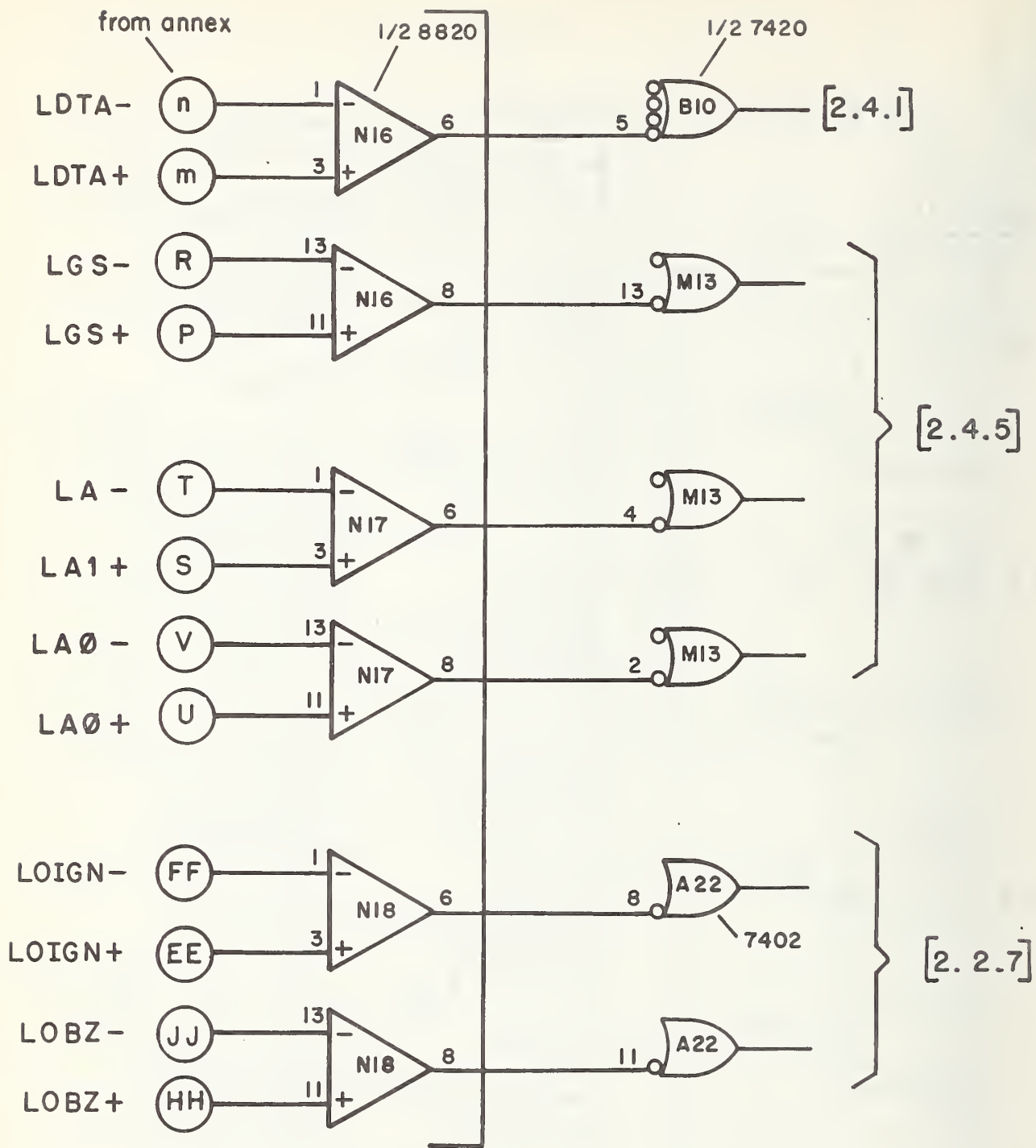


RPSC
REPLY
Address Switch Gating
4-17-72 2.4.6

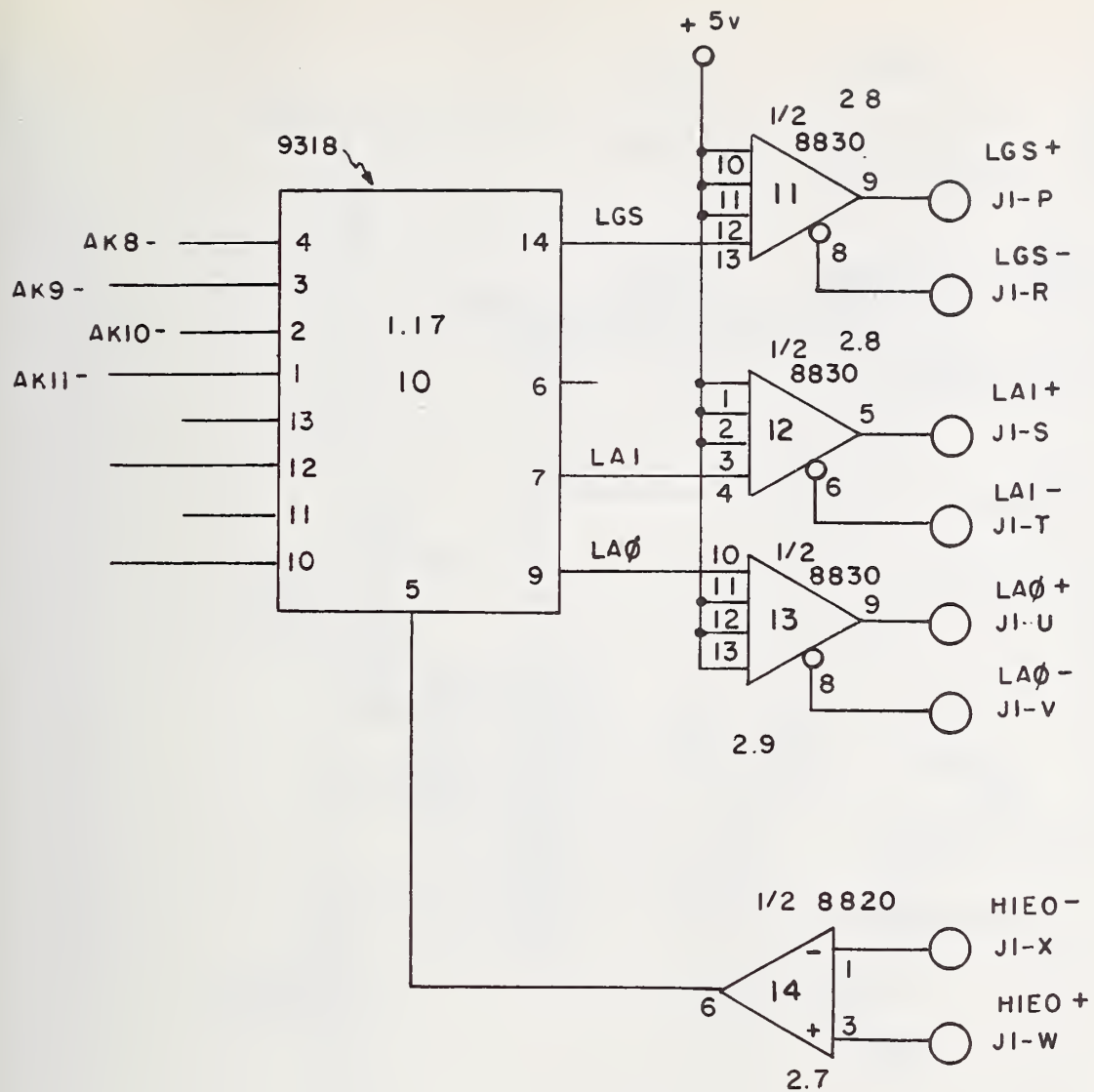


RPSC
 REPLY
 Control Signals To Annex

2.4.7



**RPSC
REPLY**
 Control Signals
 From Annex
 2.4.8



79

LGS, LA1, LAØ

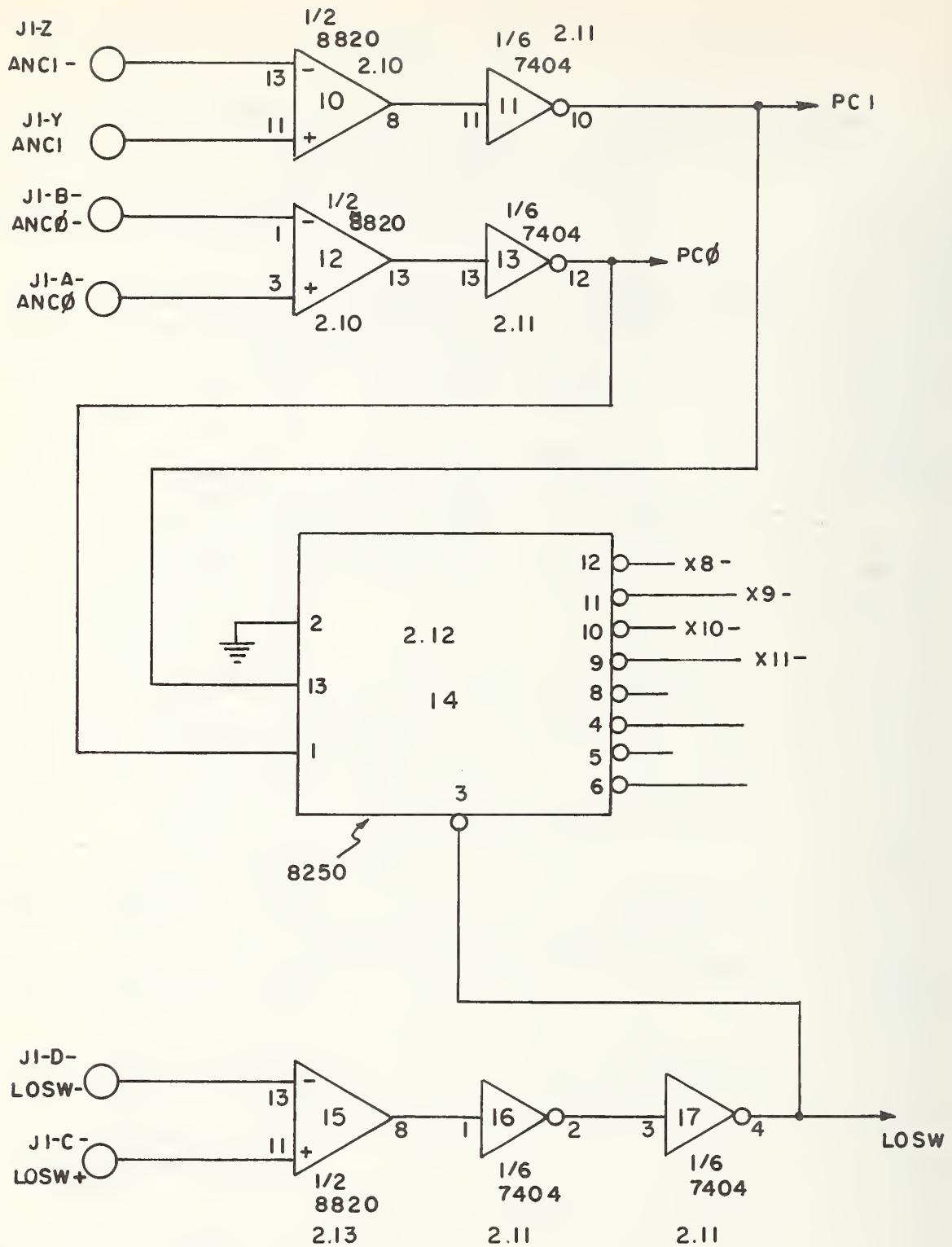
RPAN

No. 1

Date

4/23/73

251



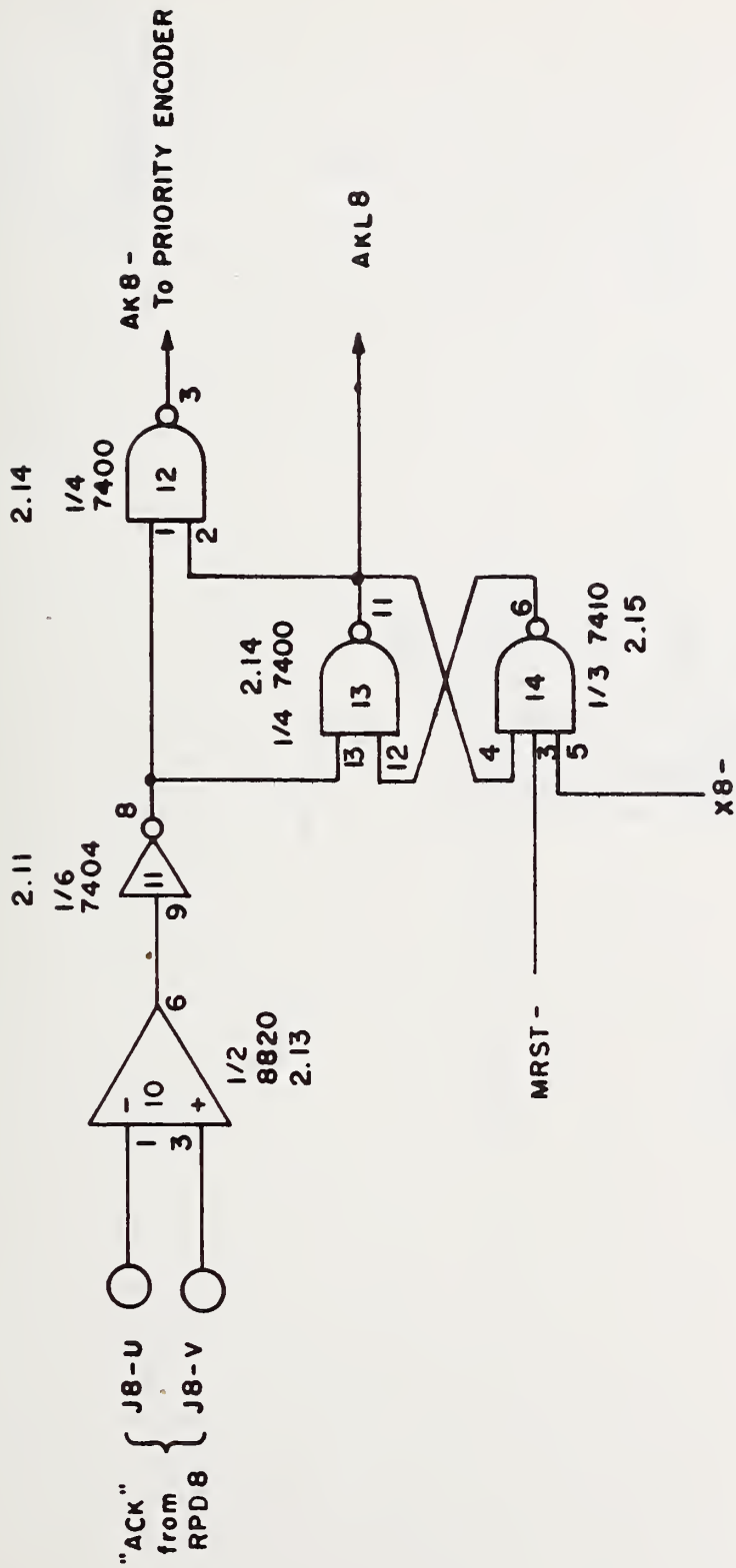
X8, X9, X10, X11
 PCØ, PCI, LOSW

RPAN

No. 2
 Date

4/23/73

2.5.2



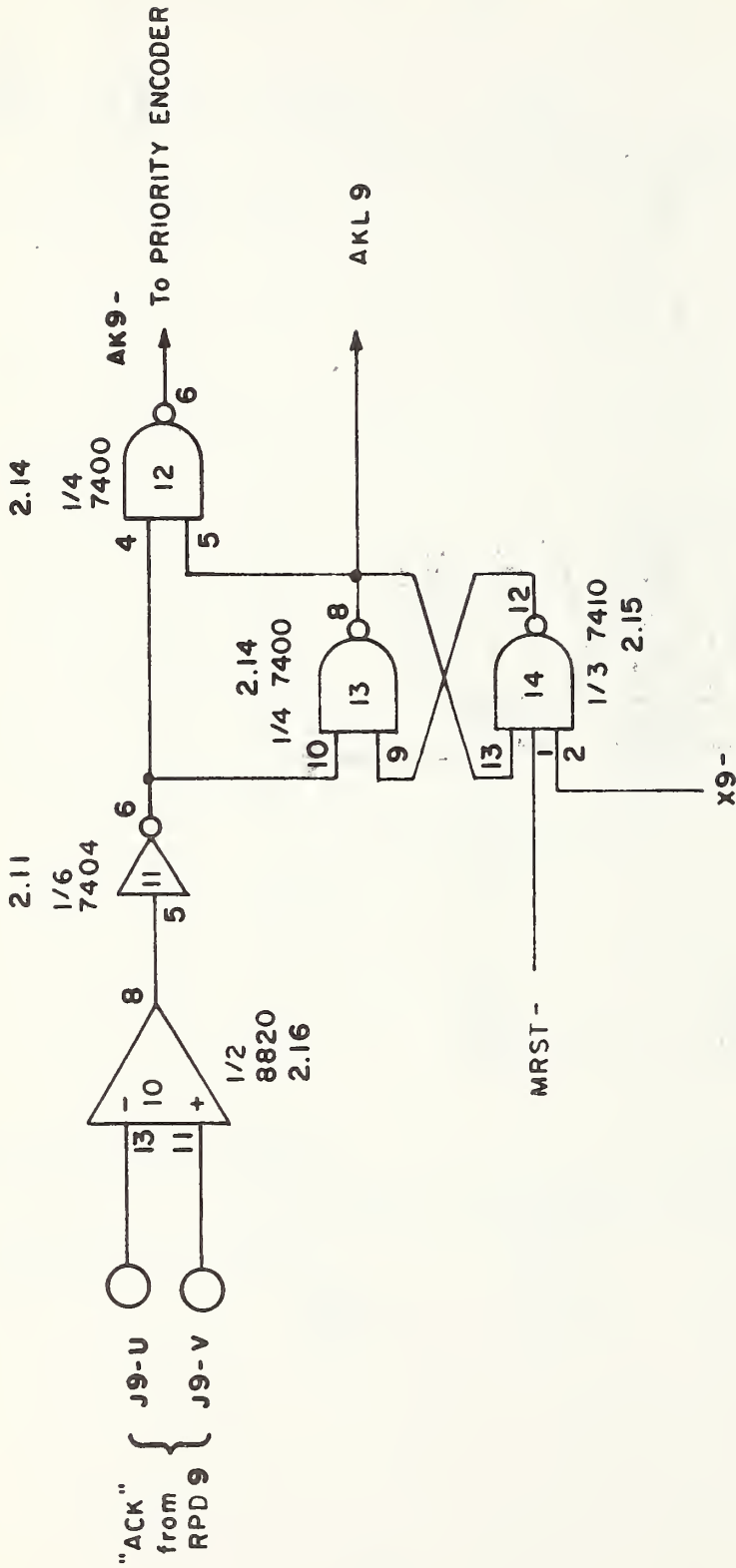
AK8

RPAN

No. 3

Date 4/20/73

2.5.3



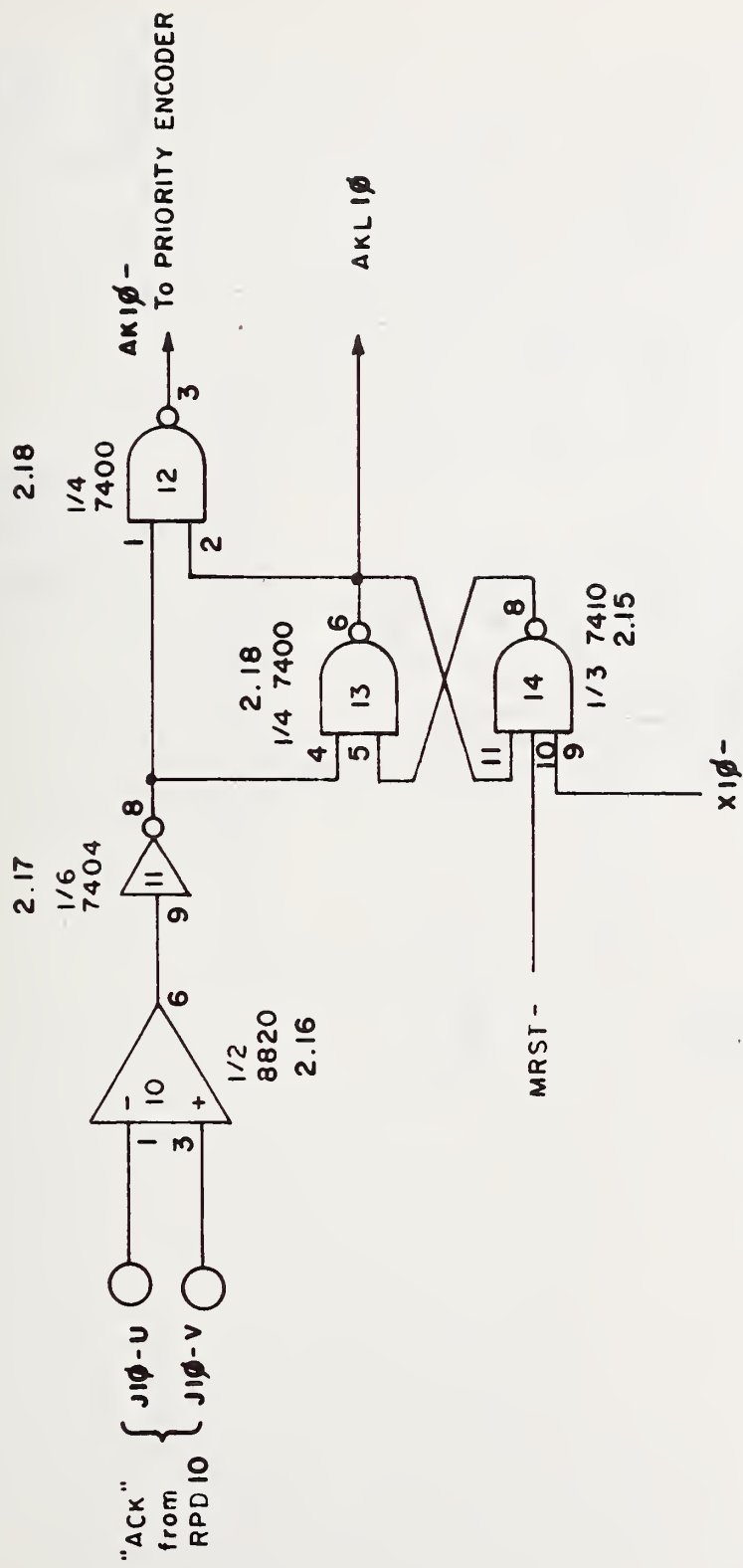
AK9

RPAN

No. 4

Date 4/20/73

2.5.4



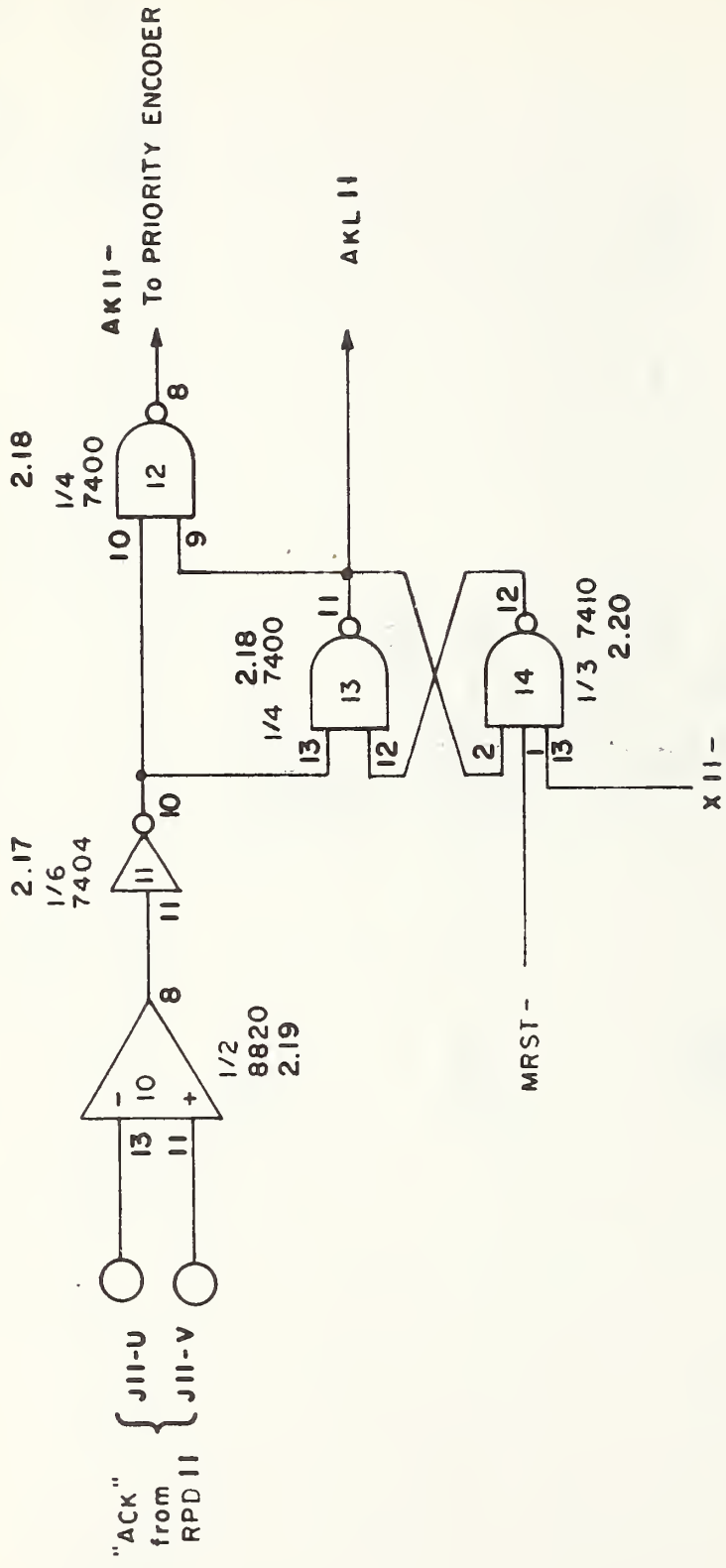
AK 10

RPAN

No. 5

Date 4/20/73

2.5.5



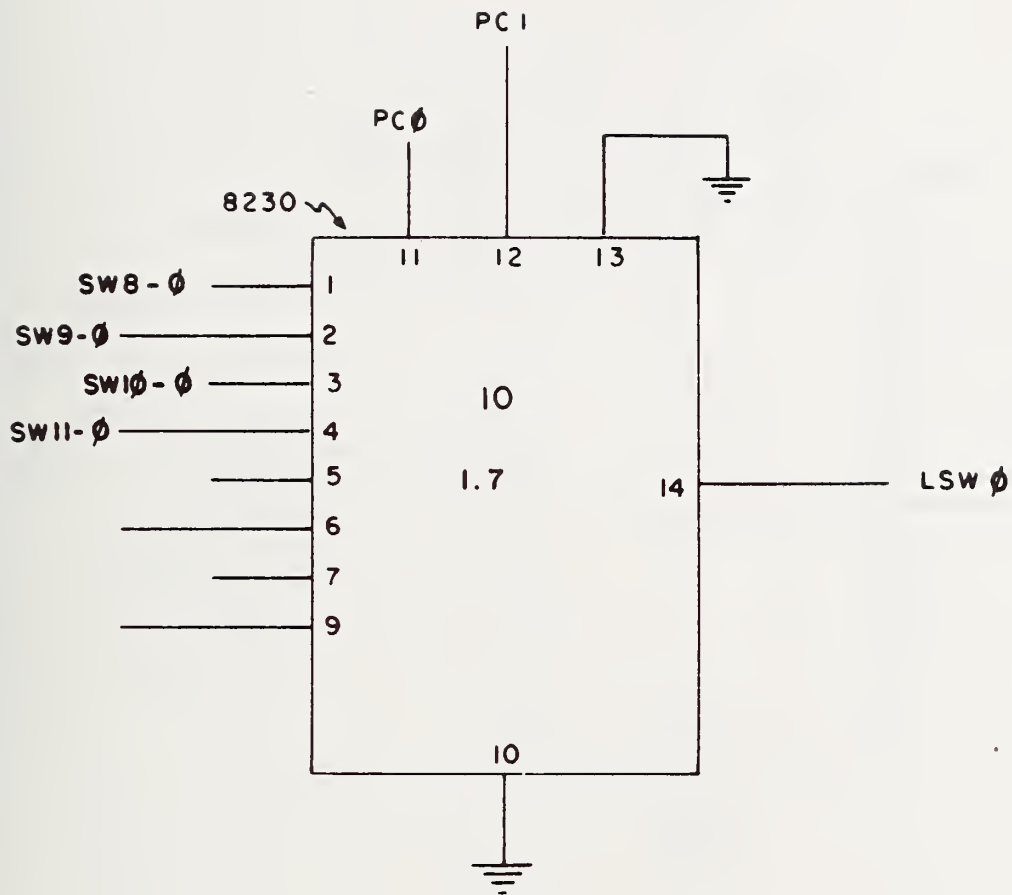
AK11

RPAN

No.6

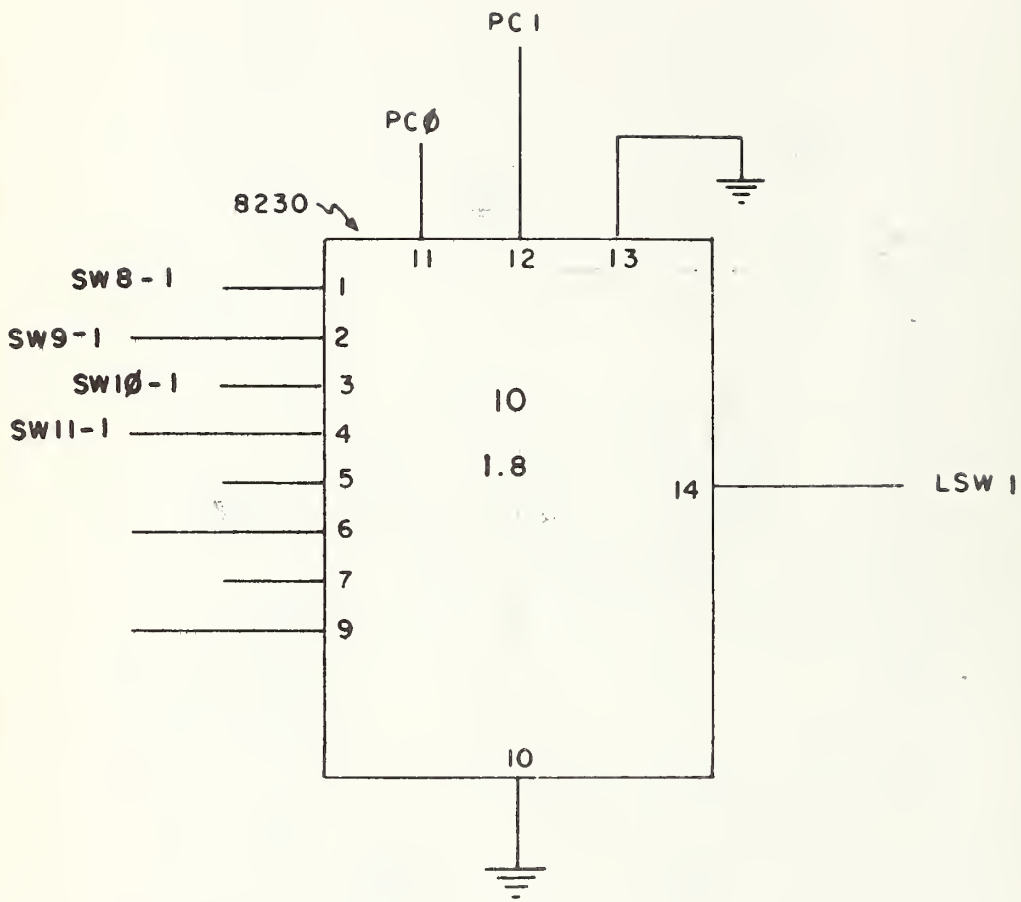
Date 4/20/73

2.5.6



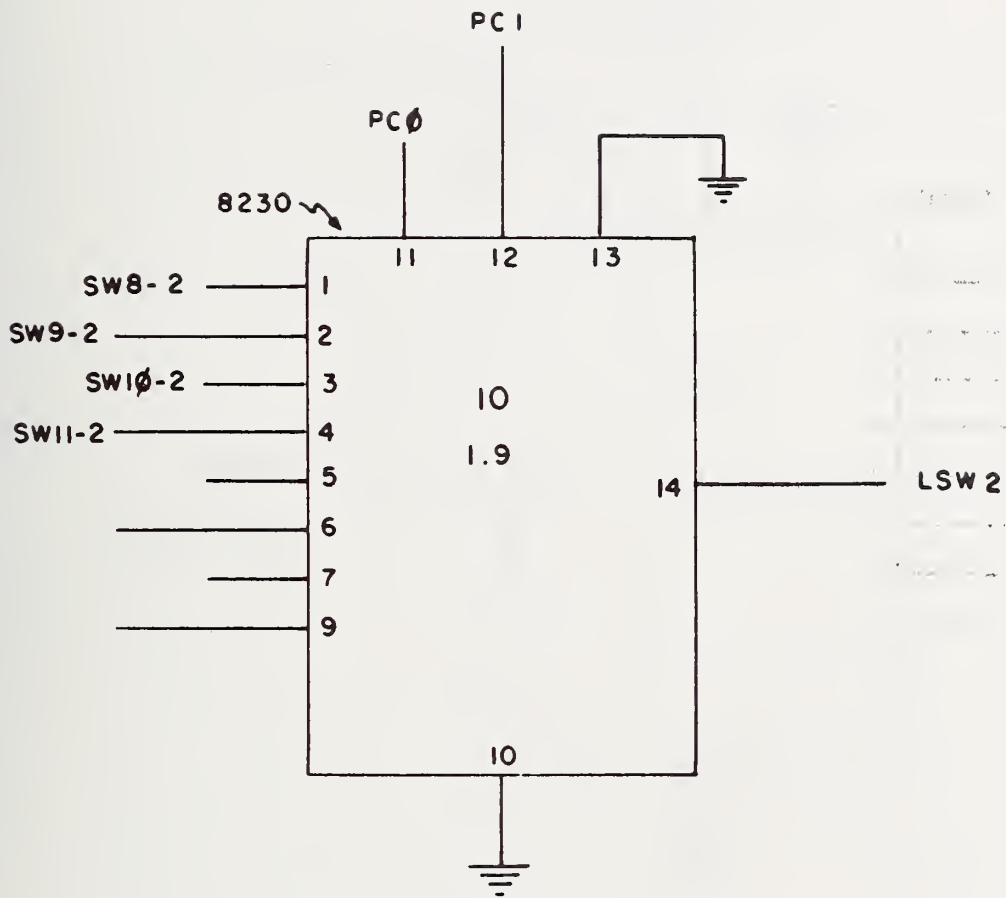
LSW Ø

RPAN	
No.7	4/20/73
Date	2.5.7



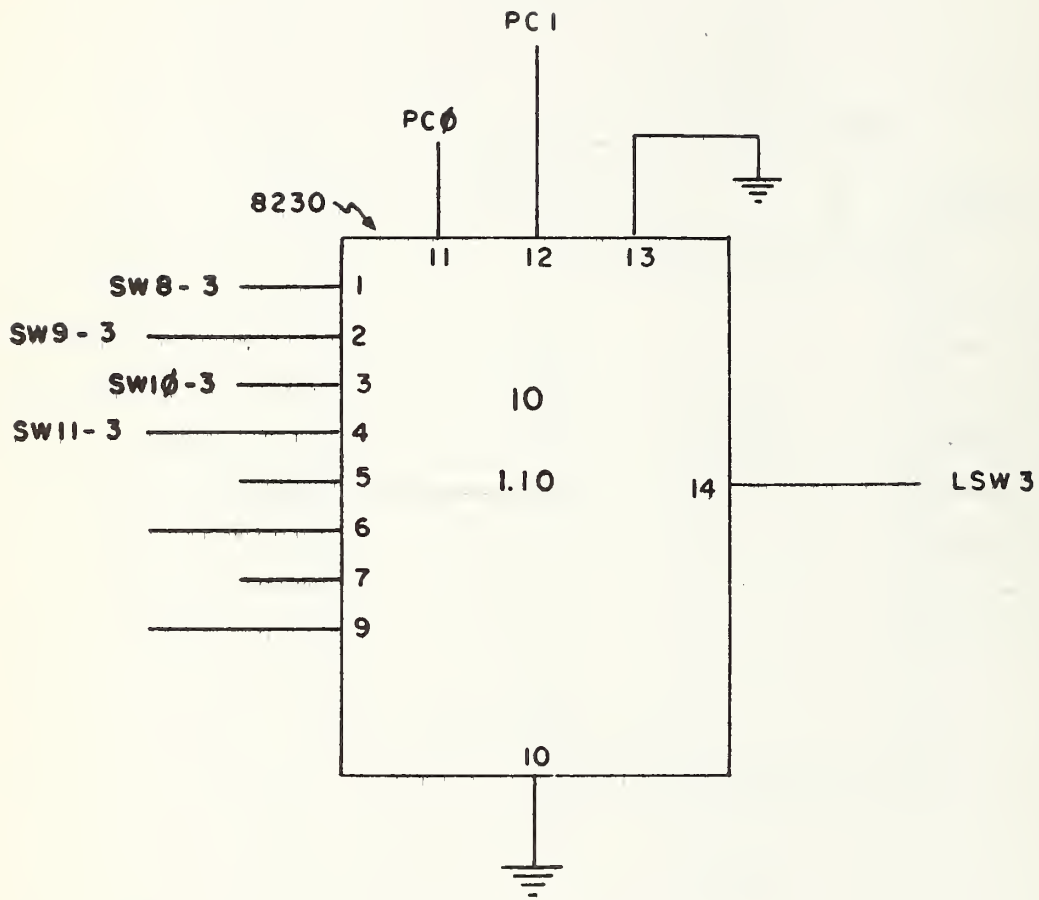
LSW1

	RPAN
No. 8	4/20/73
Date	2.5.8



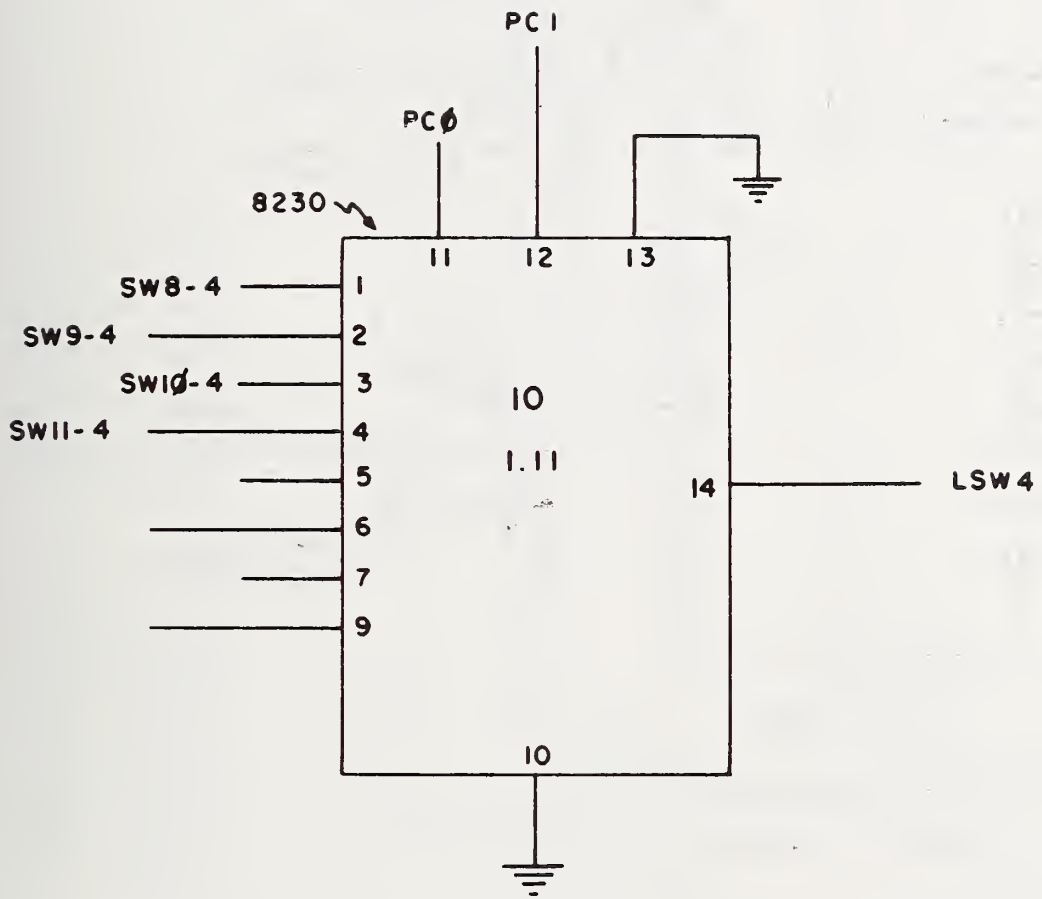
LSW 2

	RPAN
No.9	4/20/73
Date	2.5.9



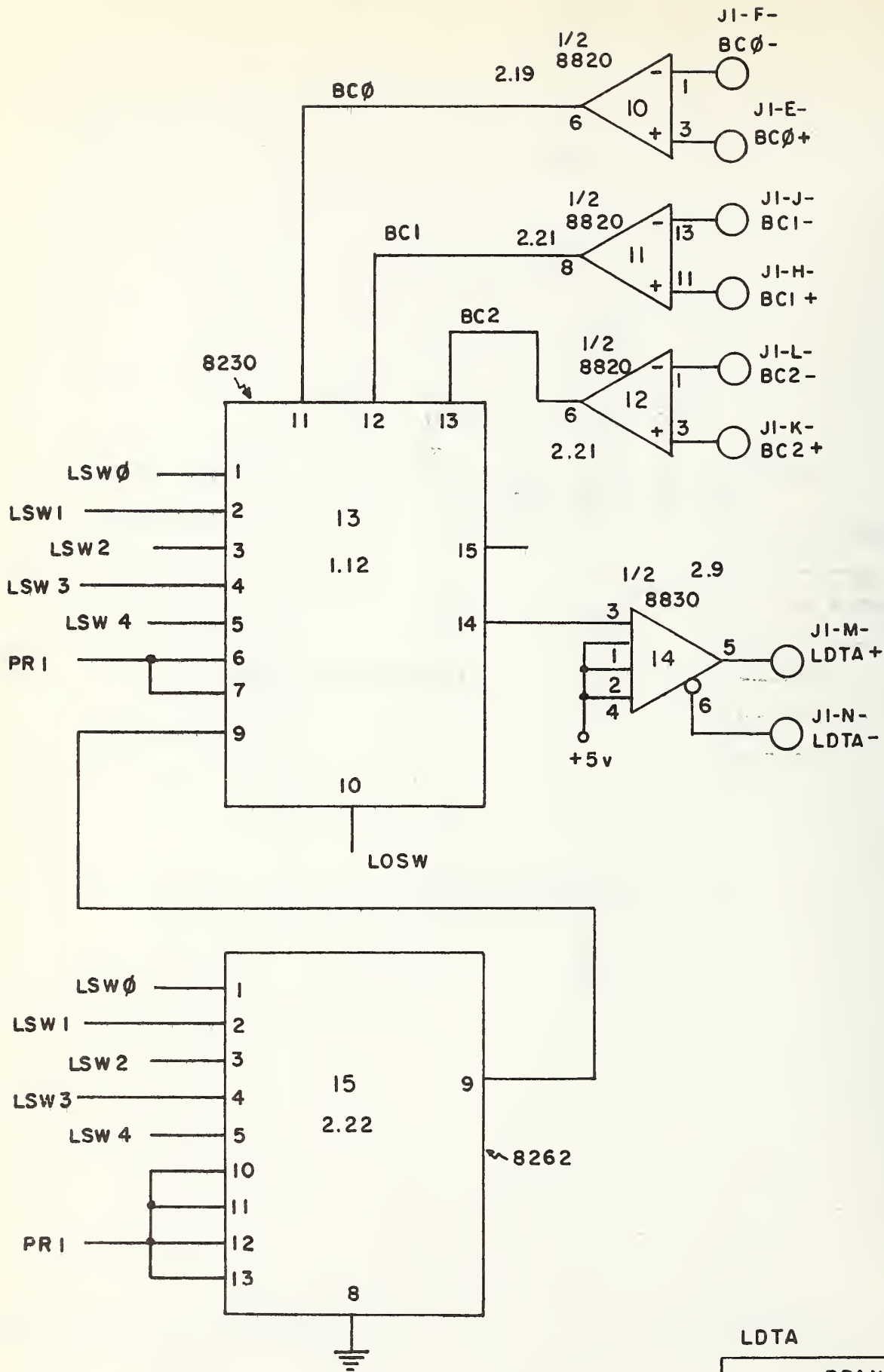
LSW 3

	RPAN
No.10	4/20/73
Date	2.5.10



LSW 4

	RPAN
No. 11	4/20/73
Date	2.5.11



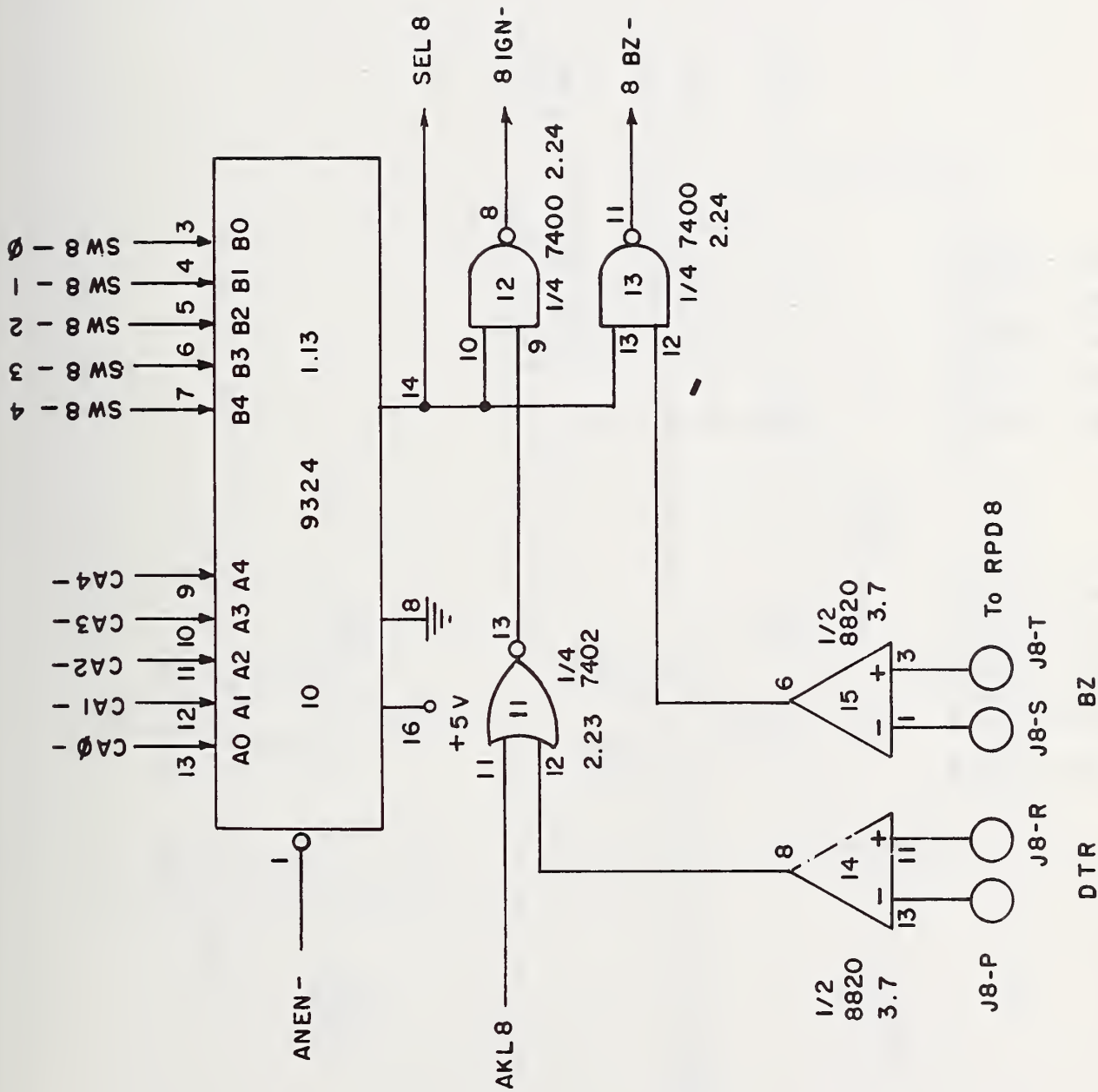
LDTA

RPAN

No. 12

Date 4/23/73

2.5.12



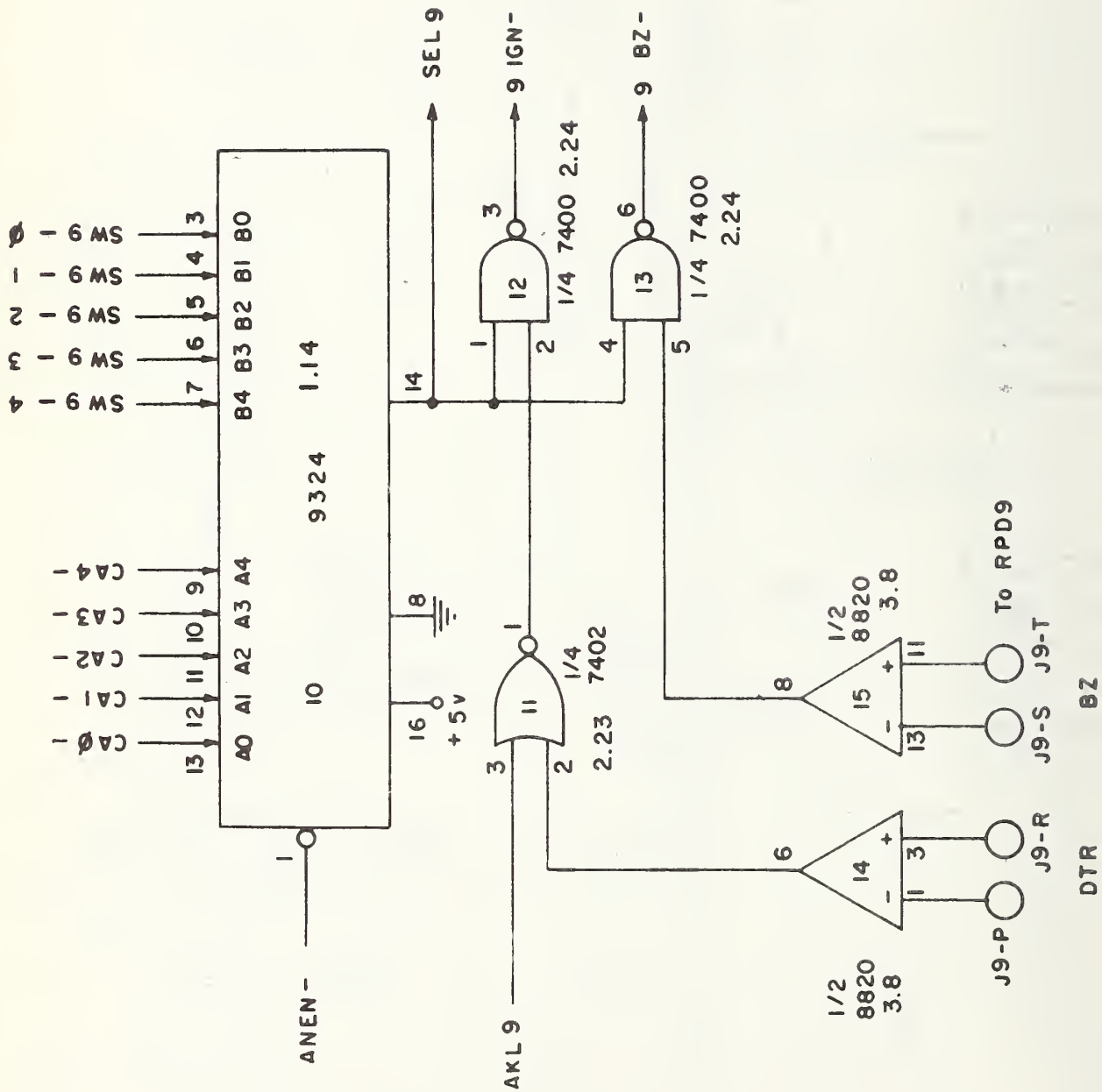
SEL 8

RPAN

No. 13

Date 4/20/73

2.5.13



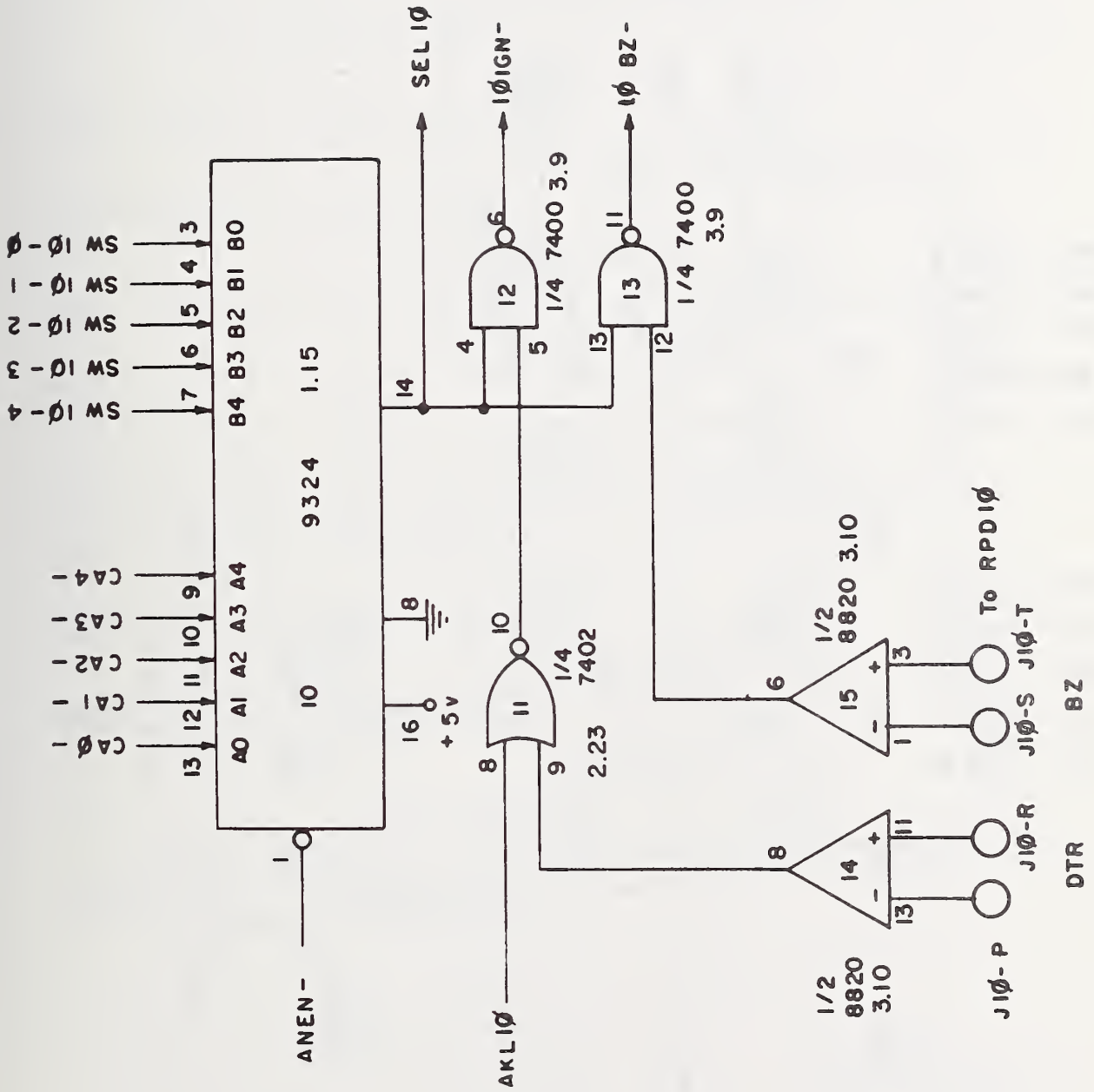
SEL9

RPAN

No.14

Date 4/20/73

2.5.14



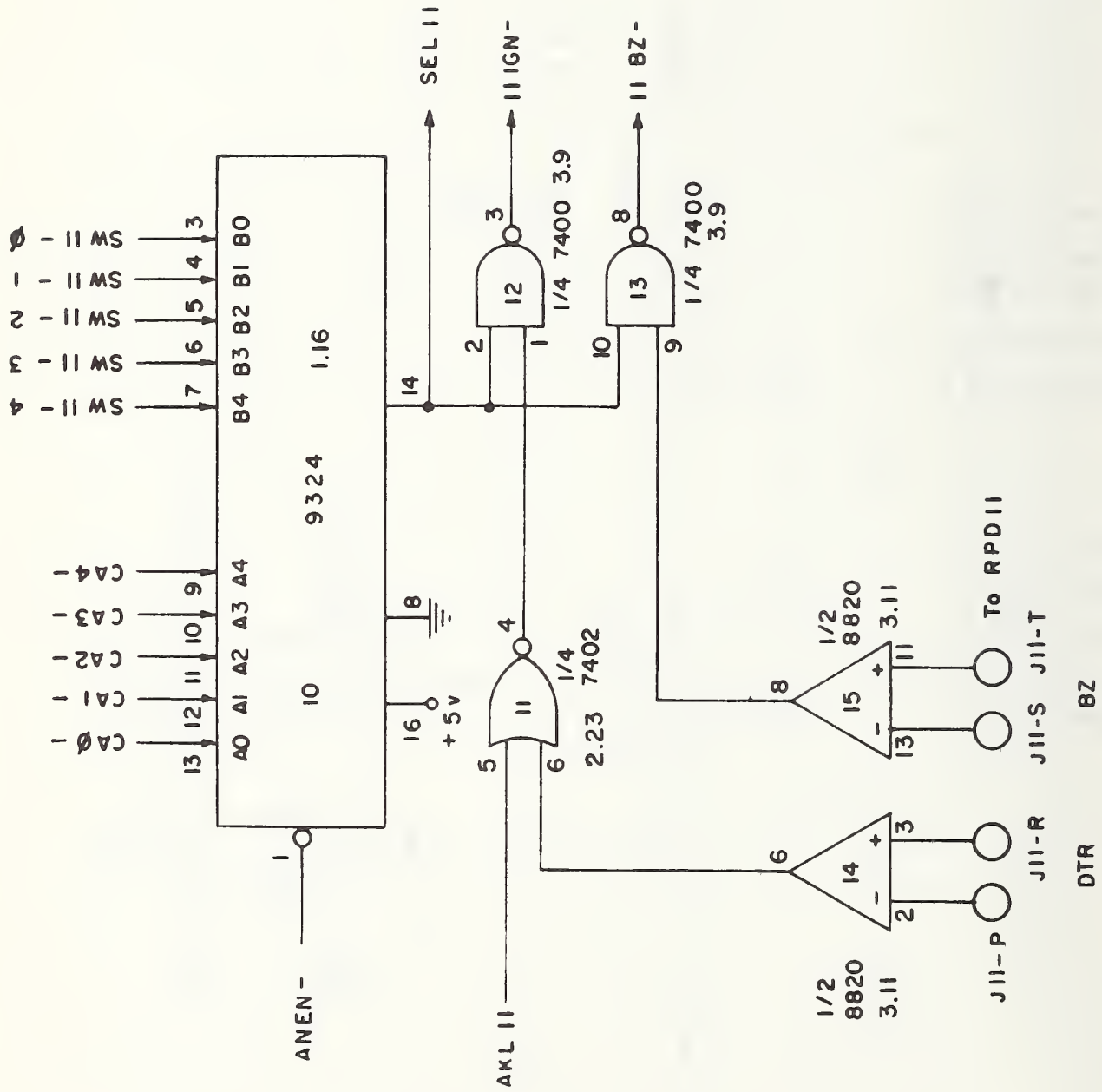
SEL10

RPAN

No. 15

Date 4/20/73

2.5.15



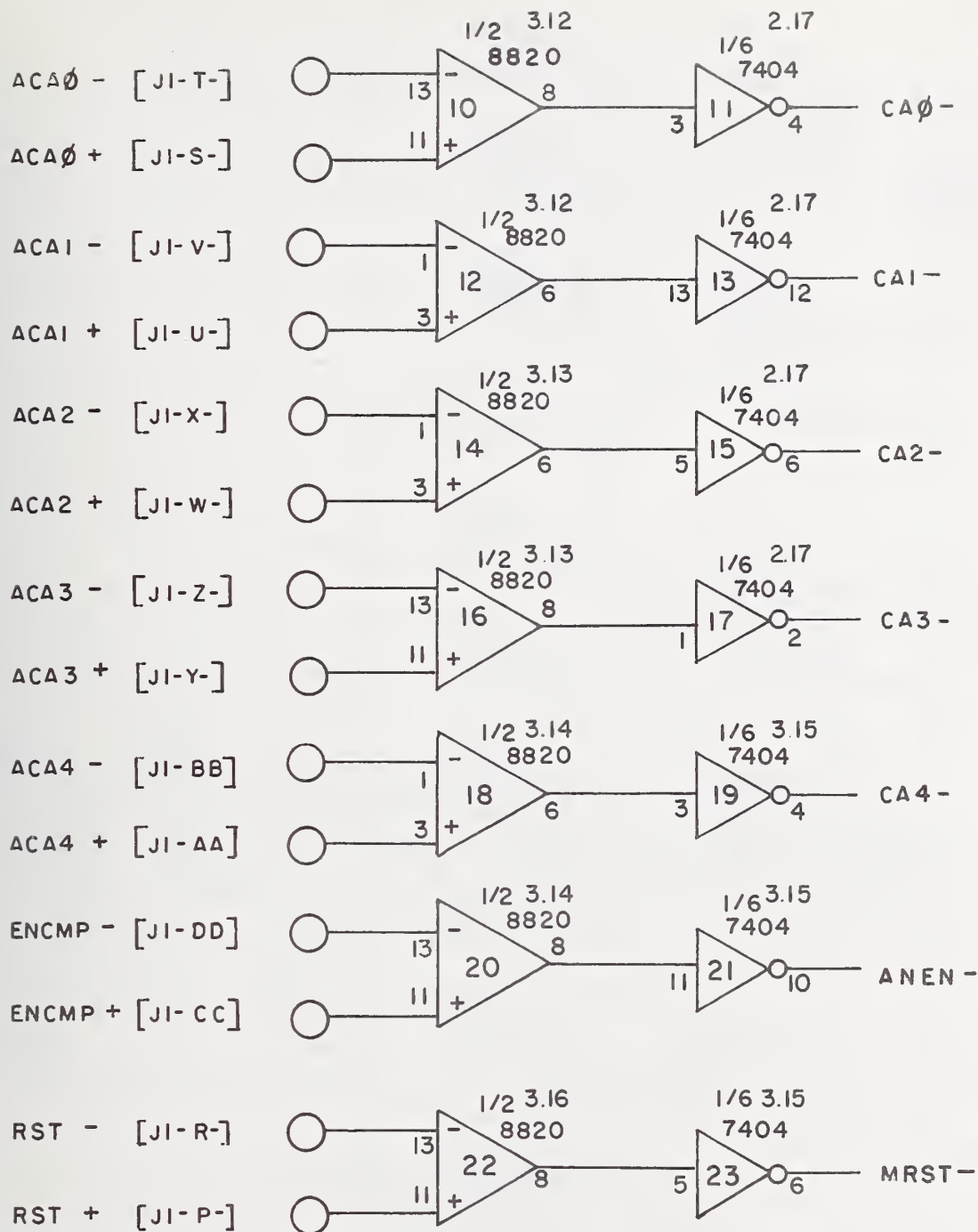
SEL 11

RPAN

No. 16

Date 4/20/73

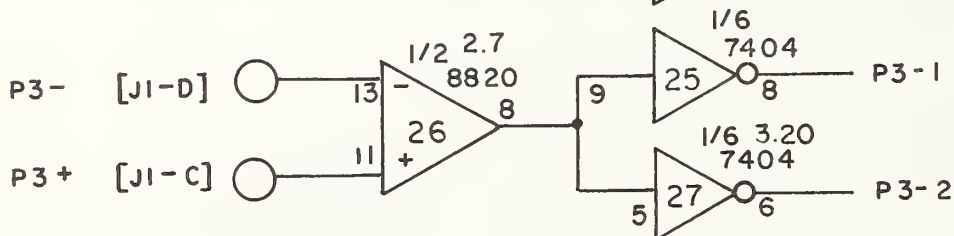
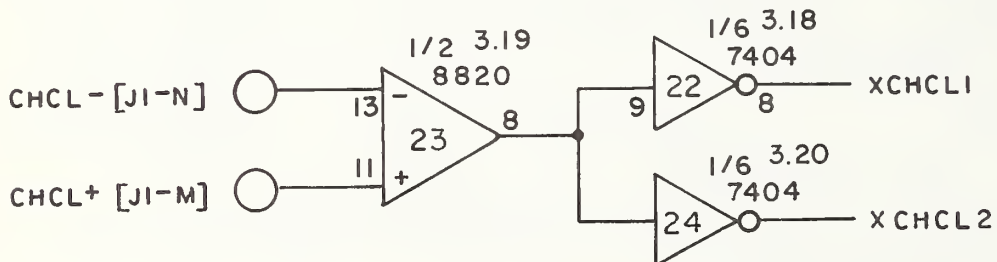
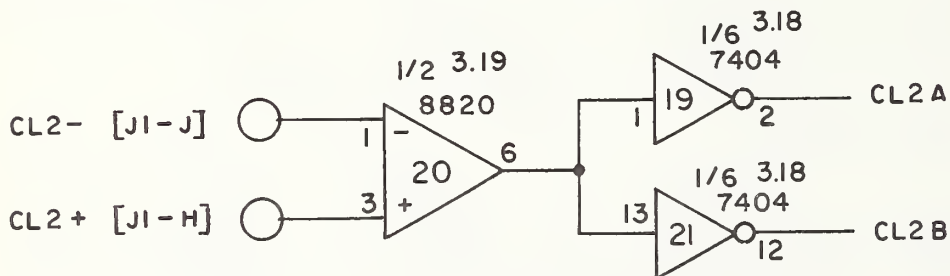
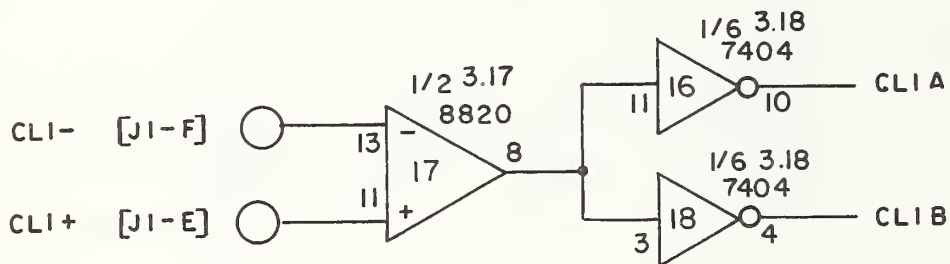
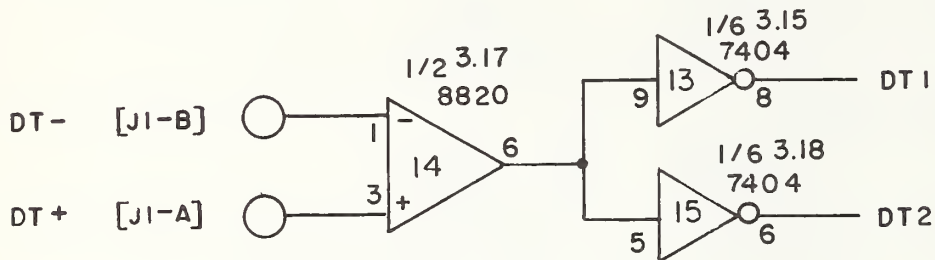
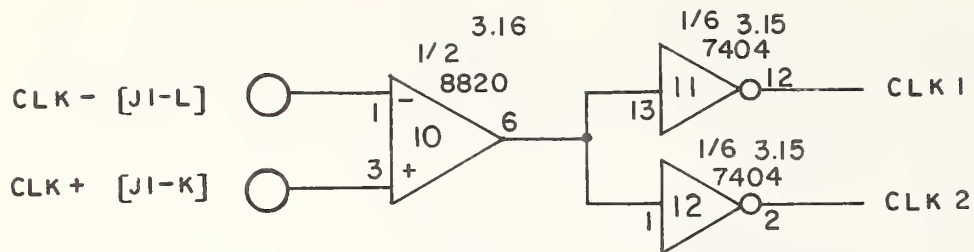
2.5.16



ANEN, MRST
CA0, -1, -2, -3, -4

RPAN

No. 17
Date 4/23/73
2517

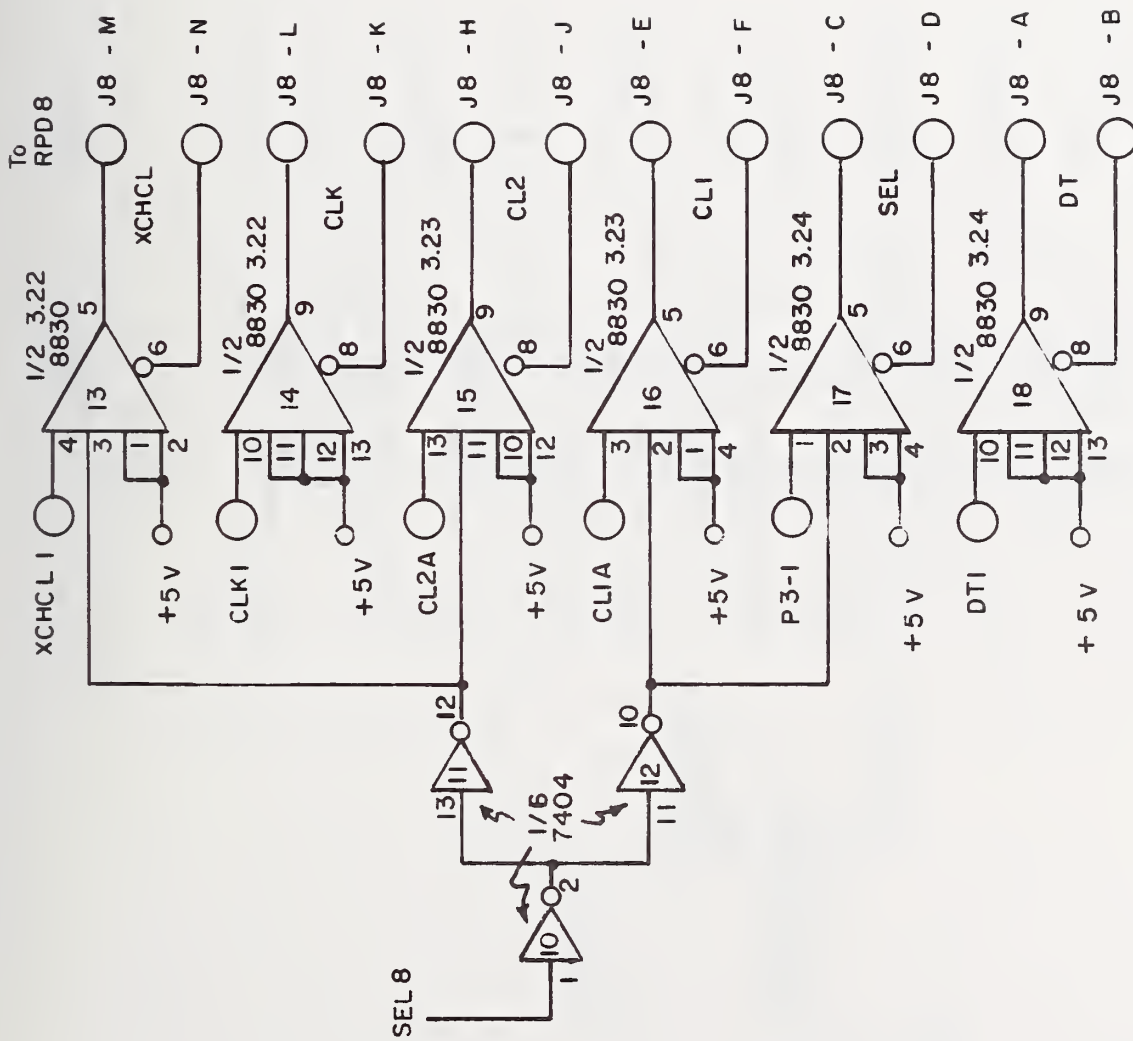


XCHCL, P3
CLK1, DT, CLI, CL2

R PAN

No. 18

Date 4/23/73
2 5 18

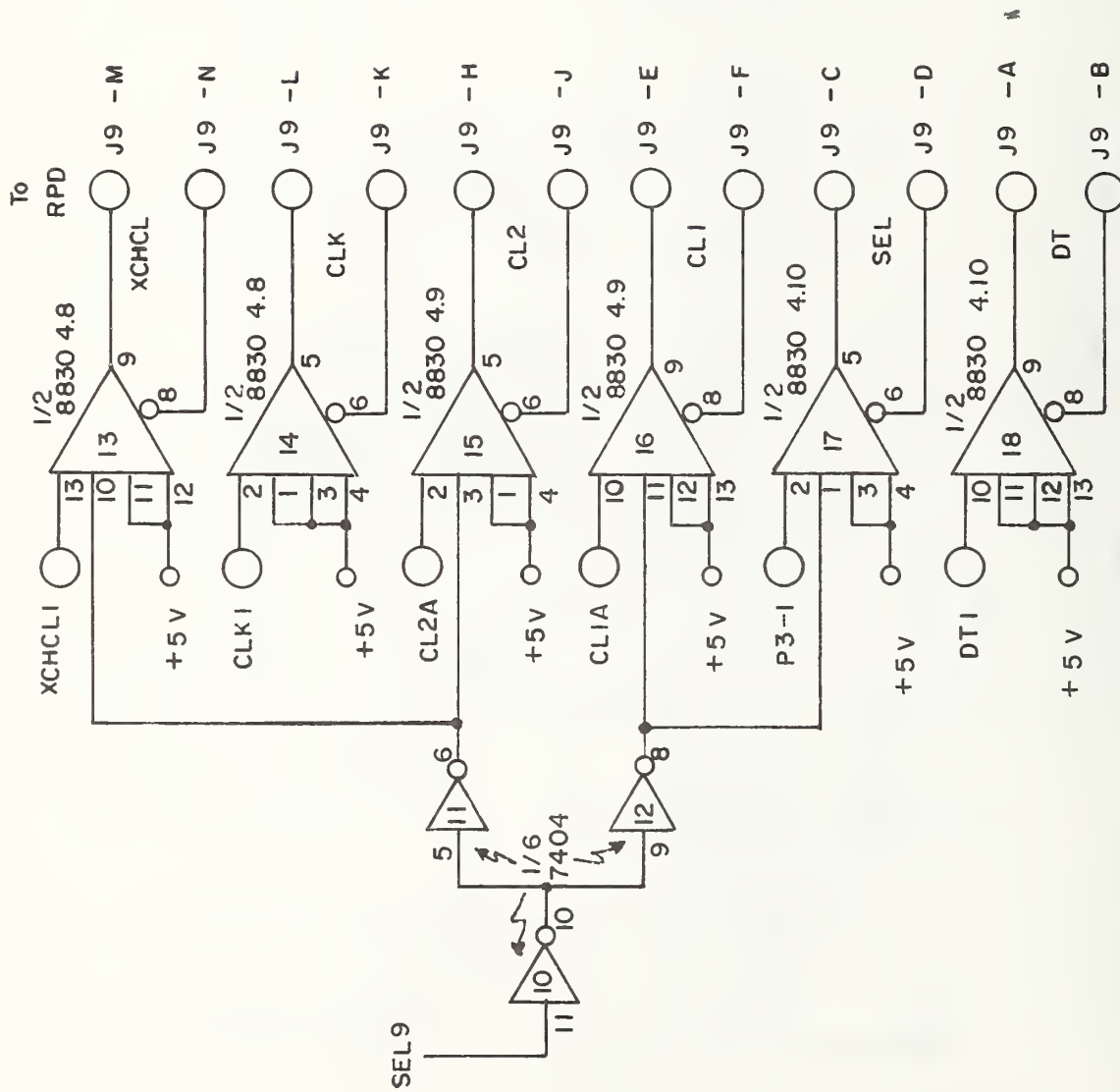


8 - OUTPUTS

RPAN

No. 19 4/20/73
Date

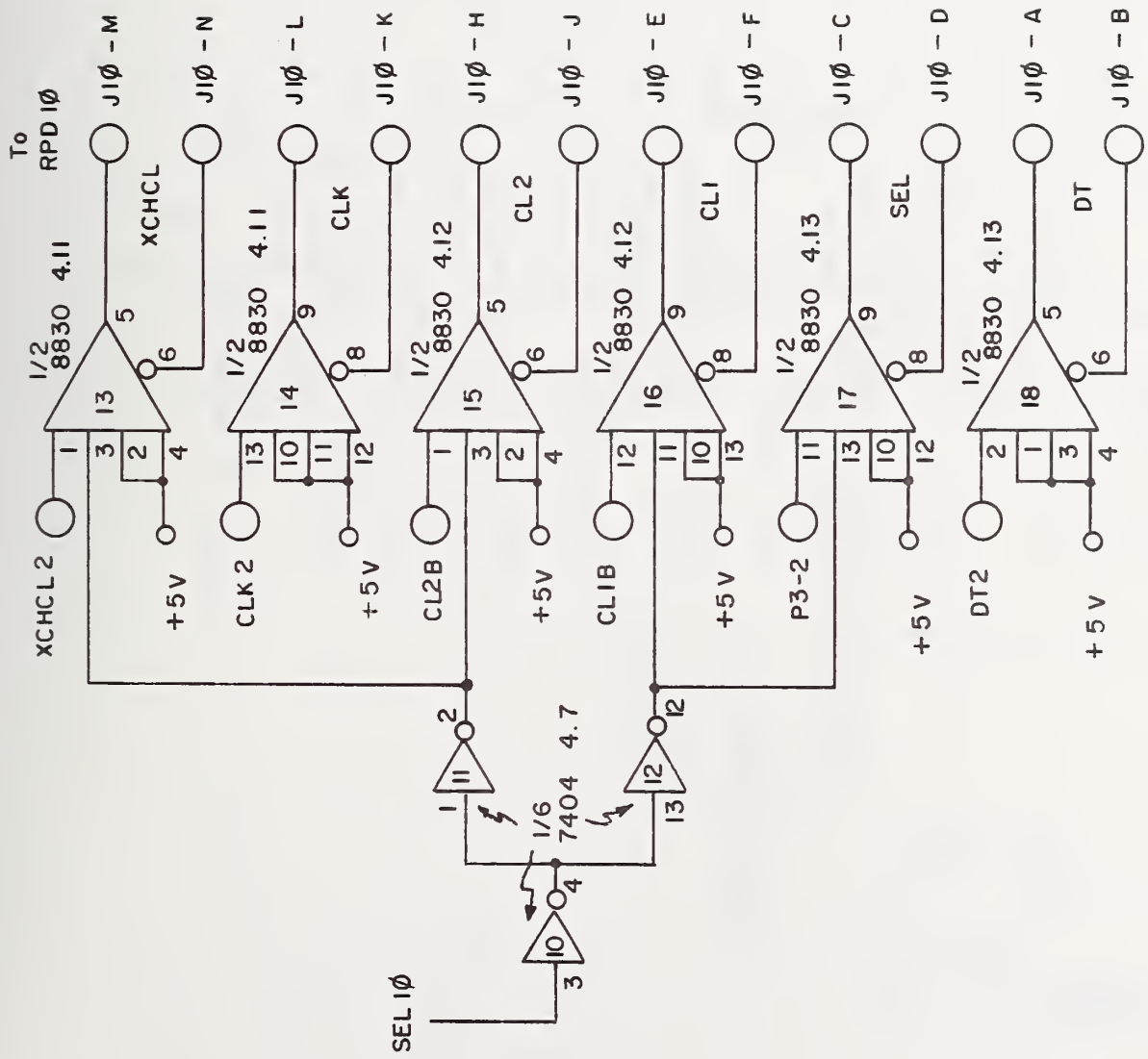
2.5.19



9-OUTPUTS

RPAN

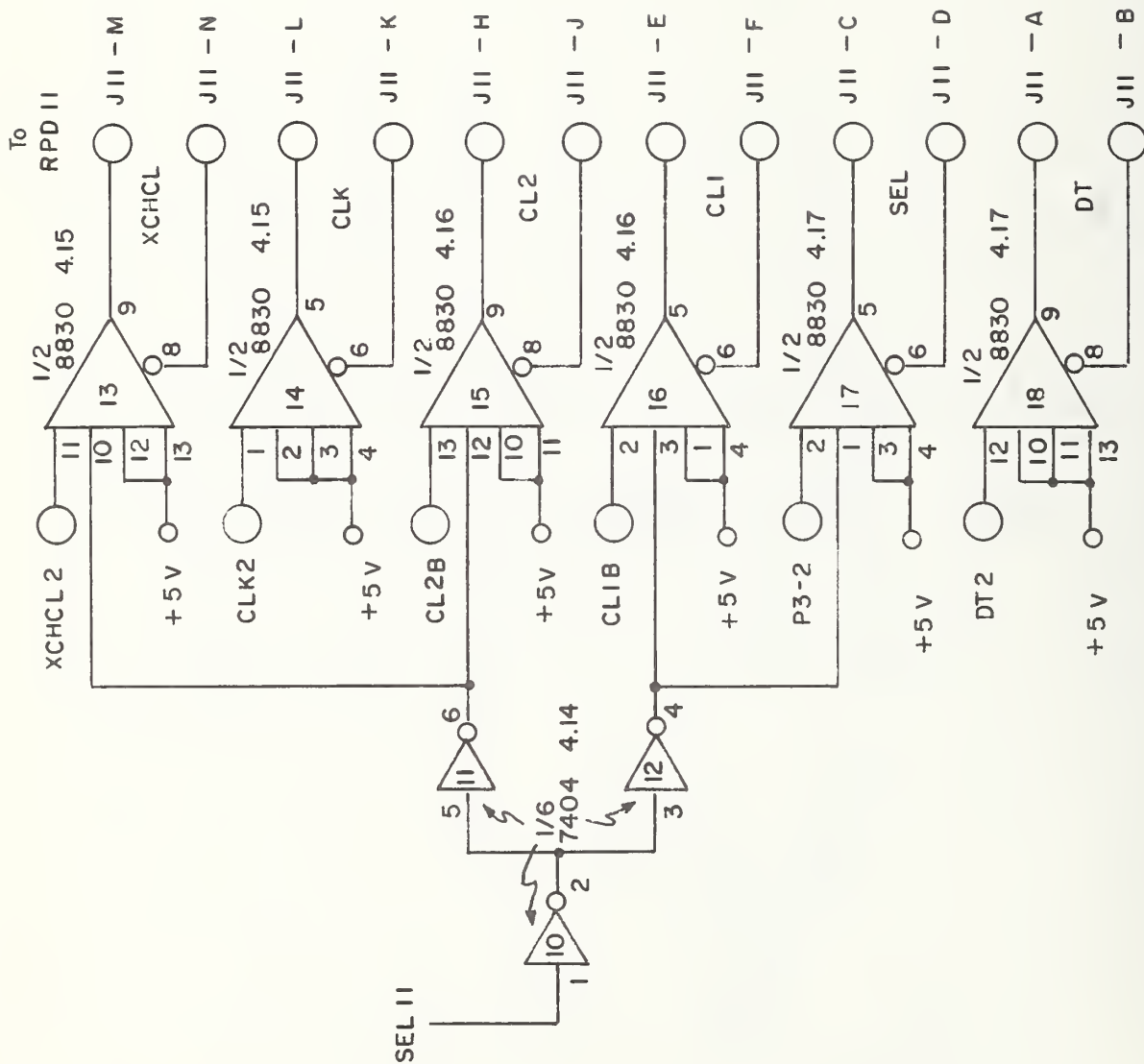
No.20 4/20/73
Date 2.5.20



IO OUTPUTS

RPAN

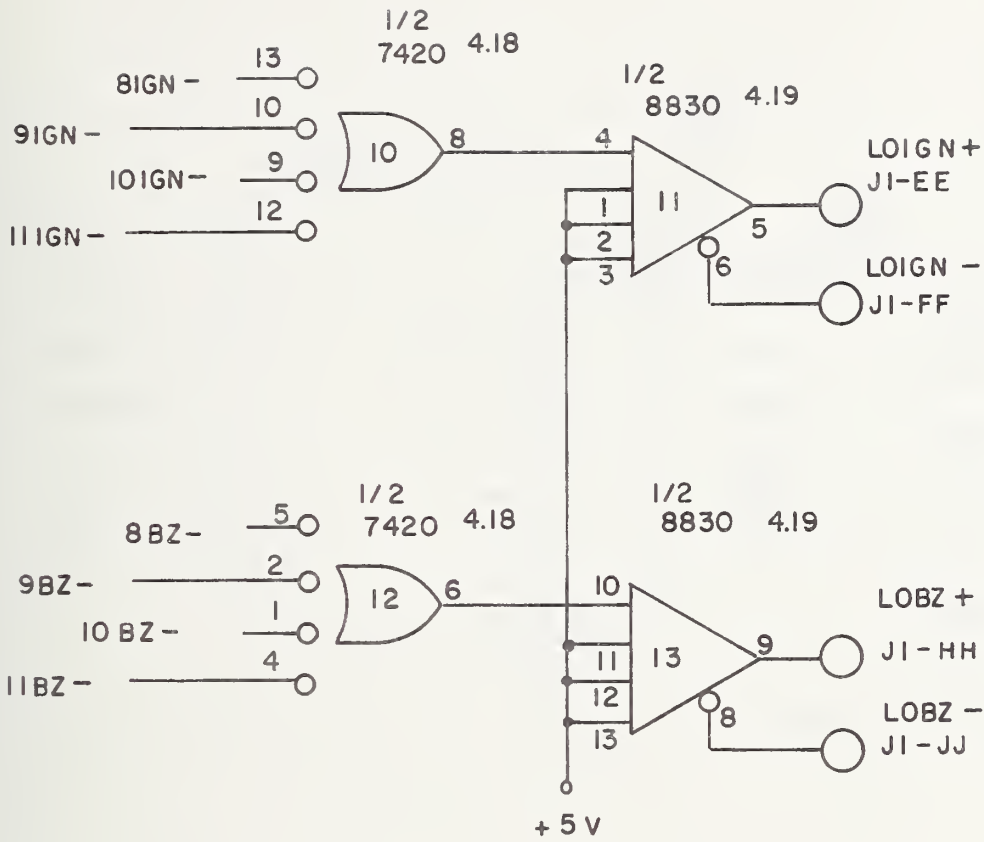
No.21 2.5.21



11 OUTPUTS

RPAN

No. 22
2.5.22

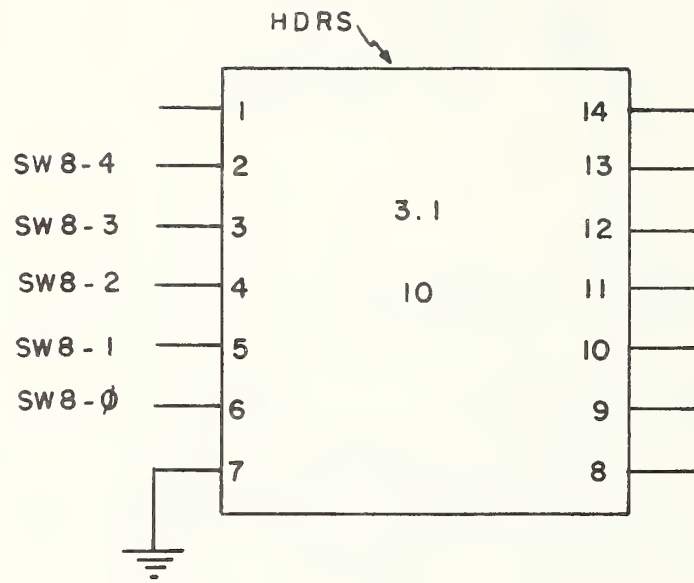


LOIGN, LOBZ

RPAN

No. 23

Date 4/23/73
2.5.23



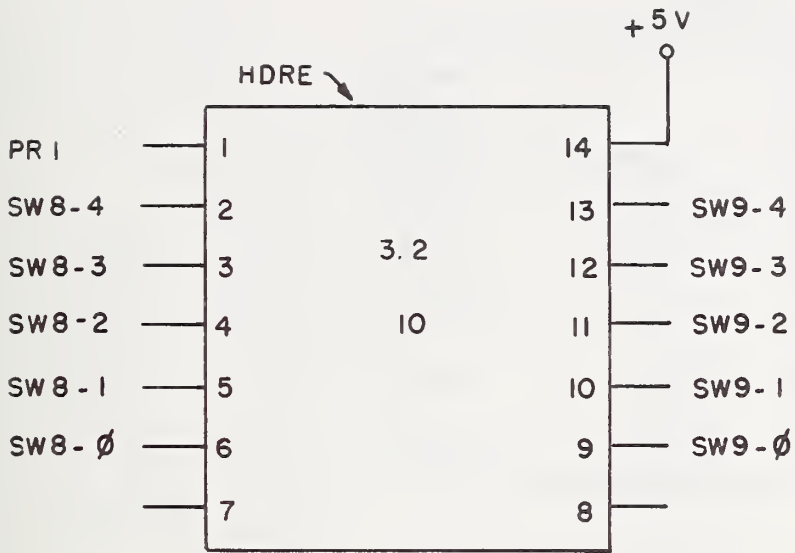
102

SW 8

RPAN

No. 24
Date

4/23/73
2.5.24



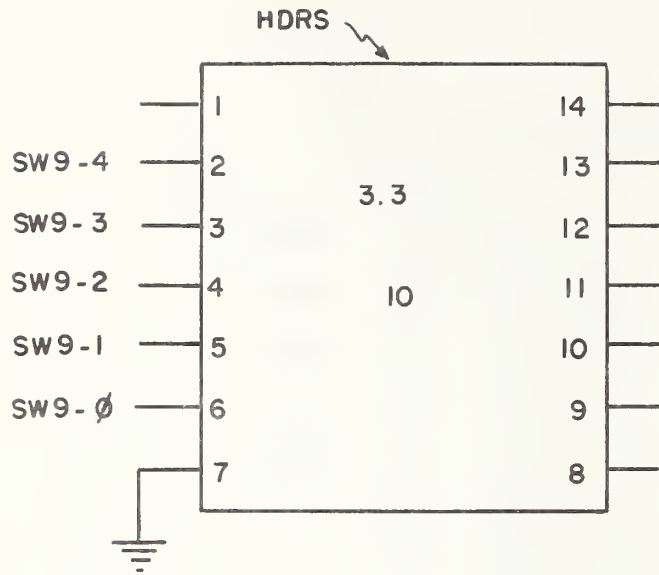
103

HDRE

RPAN

No. 25

Date 4/23/73
2.5.25



104

SW9

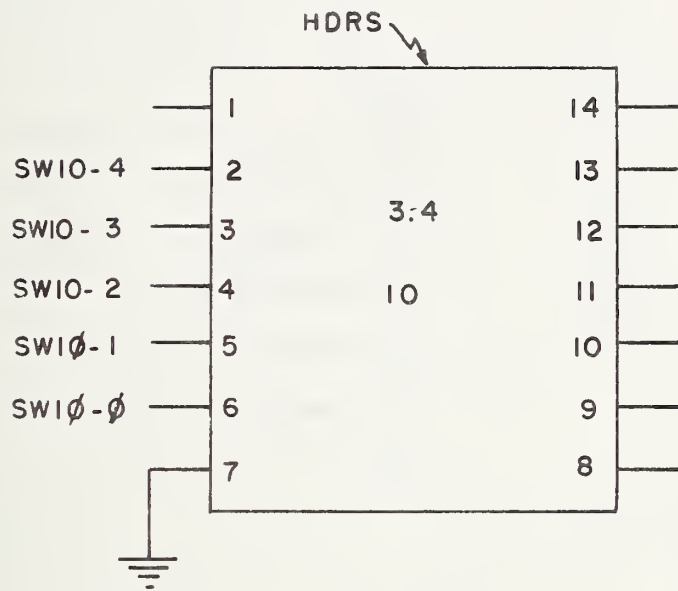
RPAN

No.26

Date

4/23/73

2.5.26



105

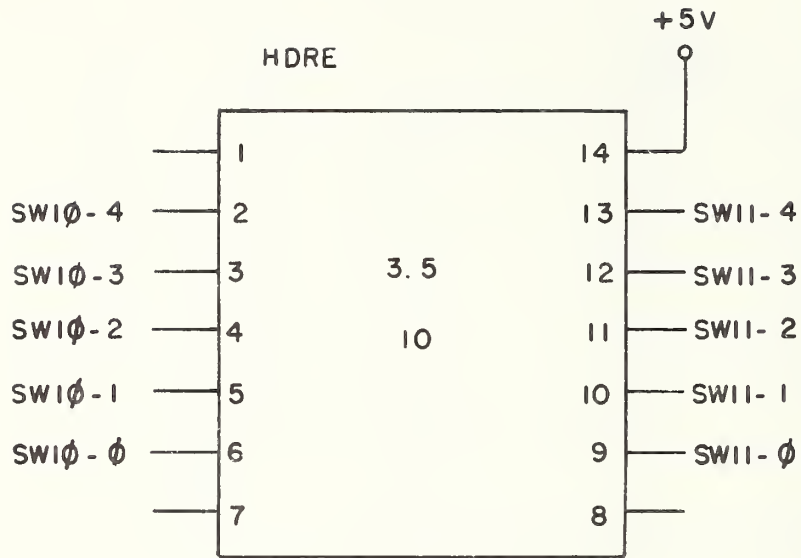
SWIO

RPAN

No. 27
Date

4/23/73

2.5.27



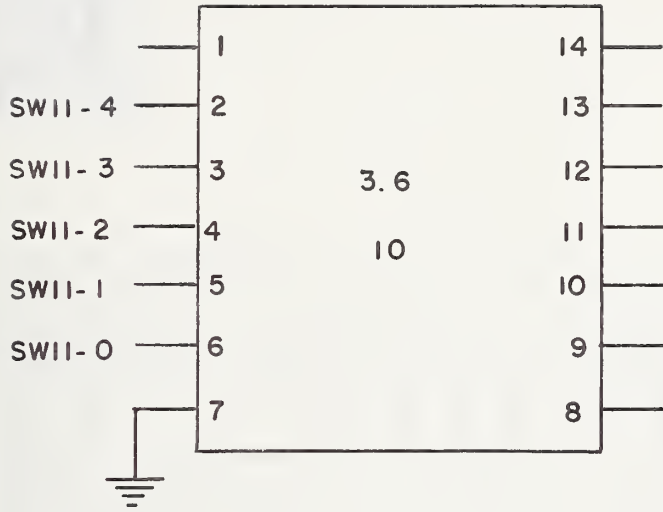
106

HDRE

RPAN

No.28
 Date 4/23/73
 2.5.28

HDRS



107

SWII

RPAN

No. 29

Date

4/23/73

2.5.29

REVISIONS			
NO	E C H	CHANGER	DATE
1			
2			
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4			

	A	B	C	D	E	F	H	J	K	M	N	P
27	8830	8830	8830	8830	8830	8830	8830	8830	8820	8820	8820	8820
26	8830	8830	8830	8830	8830	8830	8830	8830	8820	8820	8820	8820
25	8830	8830	8830	8830	8830	8830	8830	8830	8820	8820	8820	8820
24	7404	7404	7404	7404	7404	7404	7404	7404	CAP HDR 7C	CAP HDR 7C	7404	7404
23	7404	7400	7402	7400	7402	7400	BLANK	7400	BLANK	BLANK	7404	7404
22	7402	7206	7430	7430	7140 932459	7140 932459	7140 932459	7140 932459	8230	8230	8230	BLANK
21	836	7206	7473	7473	7134 932459	7140 932459	7140 932459	7140 932459	8230	8230	8230	8262
20	7206 7402(2)SPD	7206	7473	7473	7404	BLANK	7404	7410	7400	7400	7400	7400
19	7413	836	8300	8300	7402	7402	7404	7404	7410	7410	7410	BLANK
18	7400	7400	7430	7474					8830	8830	8820	BLANK
17	7400	7402	7474	7493	8311	8311	8311	830B	8830	8830	8820	BLANK
16	7400	7404	7410	8250					8830	8830	8820	BLANK
15	7430	7474	7404	7404	7404	7474	BLANK	960159	8830	8830	8830	BLANK
14	7474	7474	7400	7474	7430	BLANK	960159	R/C HDR 4R, 3C	8830	7404	8250	931859
13	7404	7493	7420	7493	7402	7400	960159	BLANK	960159	7400	7474	7400
12	RESISTOR HEADER	BLANK	836	7134 932459					HEADER 2R, 2C TE1307 CAP			830B
11	7 RES.	BLANK	7493	7493	PROM. 7213		8308	830B				
10	7406	7420	7400	7404								
9	7206	8230	7206	8230	7400	7474	7410	7404	8262	BLANK	BLANK	BLANK
8	TIL 112	TIL 112	RES. HDR 6 RES.	TIL 112	RES. HDR 7R	RES. HDR 7R	RES. HDR 7R	RES. HDR 7R	RES. HDR 7R	CABLE HDR TO OCT SW	CABLE HDR TO OCT SW	CABLE HDR TO OCT SW
7					CABLE HDR TO OCT SW	CABLE HDR TO OCT SW	RES. HDR 7R	CABLE HDR TO OCT SW				

PIECE NO	NOMENCLATURE	NO
		REG
NATIONAL BUREAU OF STANDARDS WASHINGTON 25 00 C		
INTEGRATED CIRCUIT LAYOUT FOR RPS CONTROLLER		
MODEL	TYPE	SCALE 1/4"
DESIGNED BY J.R. PARK	CHECKED	
DRAWN BY J.R. PARK	PROJECT ENGR	
TOLERANCES UNLESS OTHERWISE SPECIFIED	SUBMITTED BY	
1/16" DECIMALS 1/32" FRACTIONS ANGLES 30°	CHIEF ENGR	
DO NOT SCALE THIS DRAWING	REVISIONS BY	
	APPROVED BY	
REV. NO.	THIS PRINT ISSUED	CHIEF ENGR
650		CHIEF DIV
01		261

REVISED		DATE
NO	BY	CHANGE
1		
2		
3		
4		

MANUFACTURERS CODE

- FSC FAIRCHILD SEMICONDUCTOR
- HAS HARRIS SEMICONDUCTOR
- MOTA MOTOROLA SEMICONDUCTOR
- MSC NATIONAL SEMICONDUCTOR
- SIC SIGNETICS CORPORATION
- SPR SPRAGUE ELECTRIC CO.
- TII TEXAS INSTRUMENTS, INC.

PART NO.	QTY	INTEGRATED CIRCUIT DESIGNATION	MANUFACTURER	DESCRIPTION
1000	4	BT15	SIC	DUAL COMMUNICATIONS EIA/MIL LINE DRIVER
1001	4	BT16	SIC	DUAL COMMUNICATIONS EIA/MIL LINE DRIVER
1002	6	914C	SPR	PULL-UP/PULL-DOWN INTERFERE NETWORK, 12-1KΩ RESISTORS
1003	8	8230	SIC	8-INPUT DIGITAL MULTIPLEXER
1004	2	B250	SIC	BINARY-TO-OCTAL DECODER
1005	2	8282	SIC	9-BIT PARITY-GENERATOR & CHECKER
1006	1	9378	FSC	EIGHT-INPUT PRIORITY ENCODER
1007	9	9324	FSC	5-BIT COMPARATOR
1008	6	9601	FSC	RETRIGGERABLE MONOSTABLE MULTIVIBRATOR
1009	15	DM8820A	MSC	DUAL LINE RECEIVER
1010	34	DM8830	MSC	DUAL DIFFERENTIAL LINE DRIVER
1011	3	MC836	MOTA	MDTL HEX INVERTER
1012	5	MC7493	MOTA	4-BIT BINARY COUNTER
1013	2	MC8300	MOTA	UNIVERSAL 4-BIT SHIFT REGISTER
1014	4	MC8309	MOTA	DUAL 4-BIT LATCH
1015	2	MC8311	MOTA	ONE-OF-SIXTEEN DECODER
1016	1	920W / 031E-28		PROGRAMMABLE READ ONLY MEMORY
1017	20	SN7400	TII	QUADRUPLE 2-INPUT POSITIVE-NAND GATES
1018	8	SN7402	TII	QUADRUPLE 2-INPUT POSITIVE-NOR GATES
1019	26	SN7404	TII	HEX INVERTER
1020	2	SN7406	TII	HEX INVERTER BUFFER/DRIVER W. OPEN COLLECTOR HIGH-VOLTAGE OUTPUT
1021	1	SN7407	TII	HEX BUFFER DRIVER W. OPEN COLLECTOR HIGH-VOLTAGE OUTPUT
1022	6	SN7410	TII	TRIPLE 3-INPUT POSITIVE-NAND GATES
1023	2	SN7413	TII	DUAL 4-INPUT POSITIVE-NAND SCHMITT TRIGGER
1024	2	SN7420	TII	DUAL 4-INPUT POSITIVE-NAND GATES
1025	5	SN7430	TII	8-INPUT POSITIVE-NAND GATE
1026	4	SN7473	TII	DUAL J-K FLIP-FLOPS WITH CLEAR
1027	10	SN7474	TII	DUAL D-TYPE POSITIVE-EDGE-TRIGGERED FLIP-FLOPS WITH PRESET & CLEAR
1028	1	TI148	TII	
1029	1	TI1215	TII	
1030	4	TI1112	TII	OPTICALLY COUPLED ISOLATOR

PLACE FOR NO. 1	NOMENCLATURE	NO. 2	REV. 3
NATIONAL BUREAU OF STANDARDS WASHINGTON 25, D. C.			
INTEGRATED CIRCUIT LIST			
FOR AFS CONTROLLER			
MODEL	TYPE	SCALE	N/A
DIMENSIONS IN INCHES (Unless otherwise specified)			
DRAWN BY J.A. PARK			
PROJECT ENGR J.A. PARK			
CHECKED BY J.A. PARK			
SUBMITTED BY			
DATE			
DECIMALS 2.018			
FRACTIONS 2/16			
ANGLES 1/4			
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BY, INC.	THIS PRINT ISSUED	APPROVED BY	CHIEF ENGINEER
650	01		2.6.2

ORIGINAL DATE OF DRAWING 12/12/73

REVISIONS	
NO.	DATE
1	
4	
4	
4	

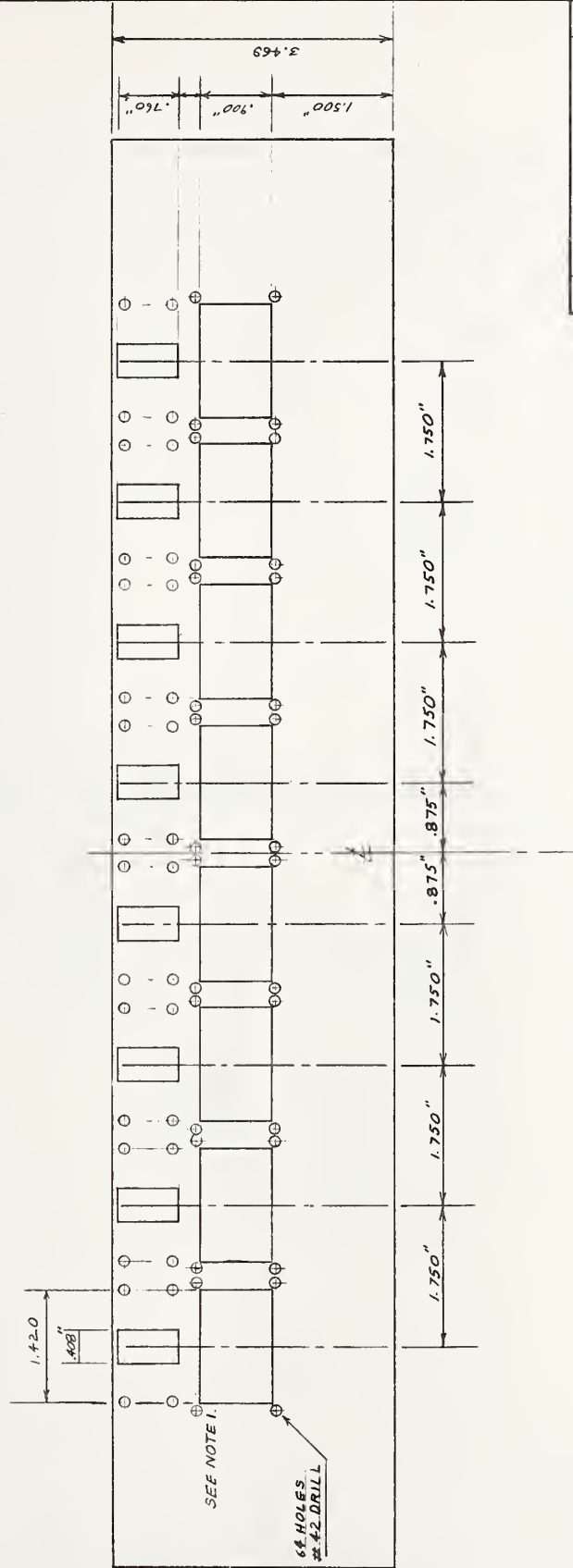
	K	M	N	P
27	DOUBLE R HDR 8 RES	TI 215 R HDR 7 RES.	BLANK BT15	TI 148 1/2 BT15
26	BT16	SN7413	BT15	BT15
24	BT16	BT16	BT16	R HDR 7 RES.
23	R HDR 7 RES	7404	7406	7404
22	7400	7402	7474	7400
21	9601	DOUBLE CAP HDR B CAPS	9601	R HDR 7 RES
20	BLANK	DOUBLE HEADER 2 DIODES	DOUBLE HEADER 2 DIODES	7404
19	7407	BLANK	2 RES	BLANK

FILE NO.	NOMENCLATURE	REV. AND
	NATIONAL BUREAU OF STANDARDS WASHINGTON 25, D. C.	
INTEGRATED CIRCUIT LAYOUT FOR RPSC TRANSPARENCY		
MODEL	TYPE	SCALE
	DRYERMAN JR PARK	N/A
	PROJECT ENGR	
	PROJECT ENGR	
	SUBMITTED BY	
	JR PARK	
	DATE	
	DECIMALS	
	ANGLES	
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BY, INC.	THIS	PRINTED
01	6.50	01
	CHIEF ENGINEER	CHIEF QTY.
		2.6.3

ORIGINAL DATE OF DRAWING 12/18/73

REVISIONS		
NO.	S. C. N.	DATE
1		
2		
3		
4		

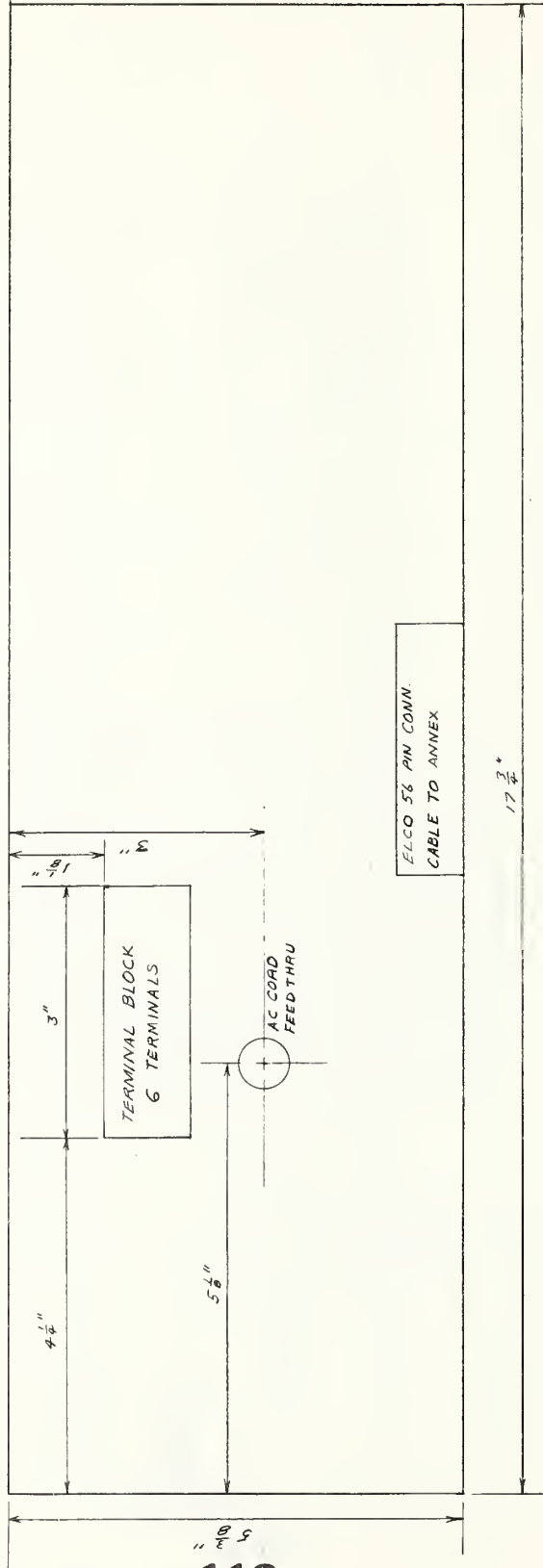
NOTE 1: LOCATE HOLES & SIZE OPENINGS TO FIT COMPONENTS SUPPLIED.



DATE	NOMENCLATURE
NO.	REV.
NATIONAL BUREAU OF STANDARDS WASHINGTON 25, D. C.	
FOR FRONT PANEL	
MODEL	SCALE F3
TYPE	CHECKER
DRAWN BY	JR PARK
PROJECT ENG.	PROJECT ENG.
SUBMITTED BY	SUBMITTED BY
DECIMALS	3.000
FRACTIONS	3.018
ANGLES	± N
DO NOT SCALE THIS PRINT	DO NOT SCALE THIS PRINT
BY: SEC.	THIS PRINT ISSUED
650	03
CHIEF ENGINEER	CHIEF DIV.
2.6.4	

ORIGINAL DATE OF DRAWING 12/19/73

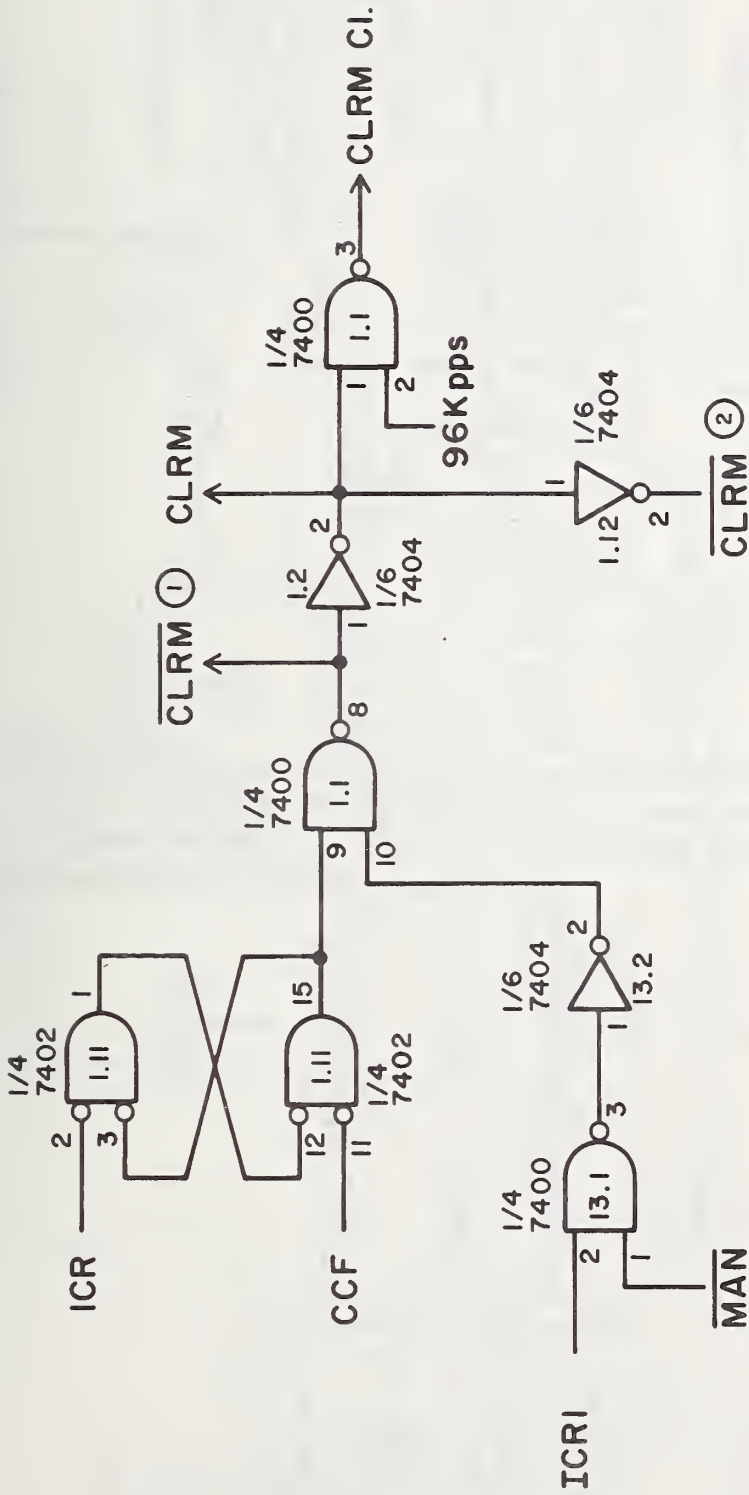
REVISIONS			
NO	SEC	CHANGE	DATE
4			
4			
4			
4			



112

PIECE NO	NOMENCLATURE	NO	REV
	NATIONAL BUREAU OF STANDARDS WASHINGTON 25, D. C.		
FOR RPSC			
MODEL	TYPE	SCALE	FS
UNLESS OTHERWISE INDICATED (When shown)	UNLESS OTHERWISE INDICATED	CHECKED	
TOLERANCES (Unless otherwise specified)	PROJECT ENGR	PROJECT ENGR	
DECIMALS 2-018	SUBMITTED BY	PROJECT ENGR	
FRACTIONS 2-1/16	EXAMINED BY	PROJECT ENGR	
ANGLES 2-1/2	APPROVED BY	PROJECT ENGR	
DO NOT SCALE THIS PRINT	BY, INC.	PRINT ISSUED	
	650	01	
		CHIEF ENGINEER	2.6.5

3.0 REMITTANCE PROCESSING DEVICE (RPD)



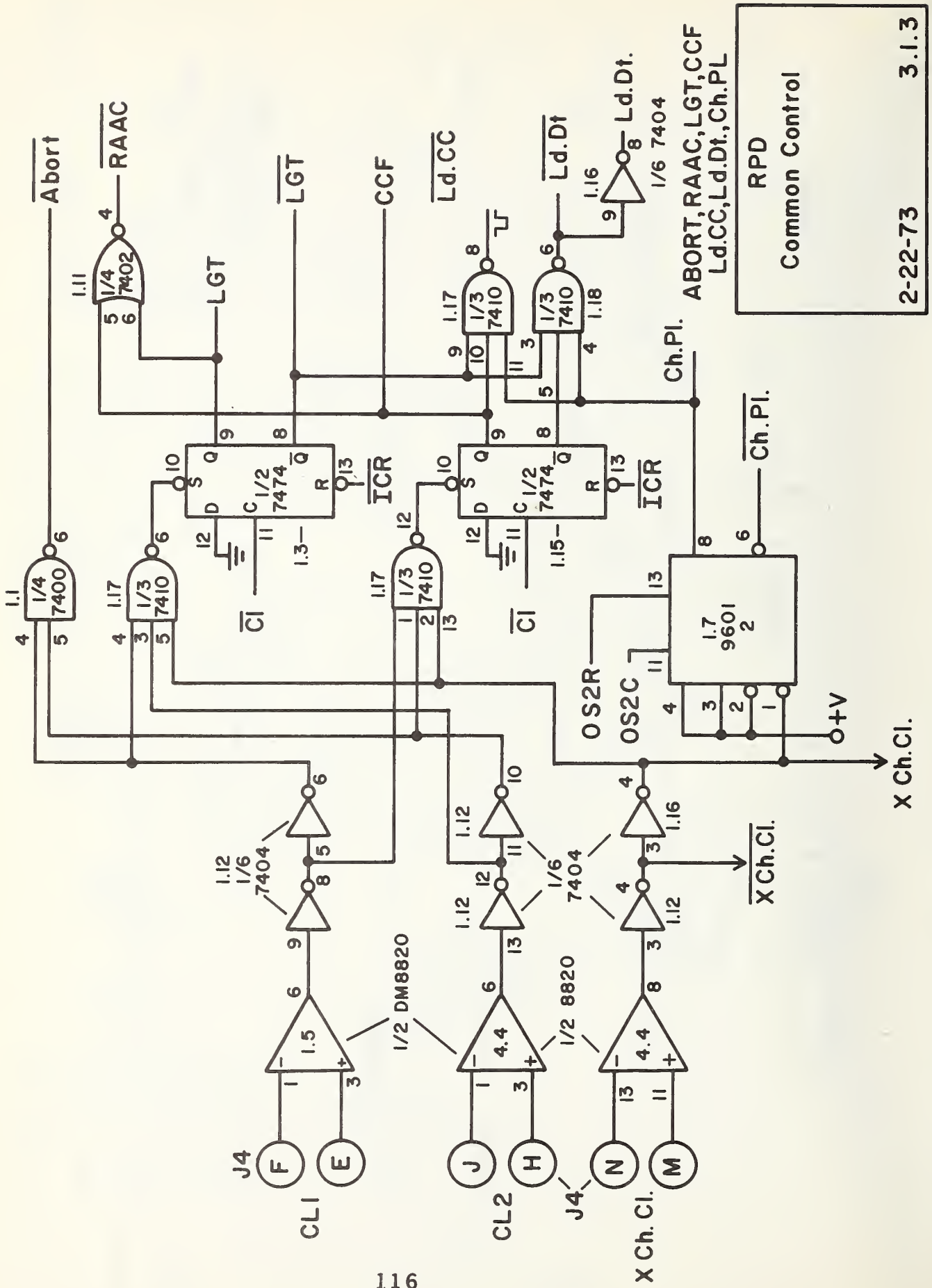
CLR M, CLR M C

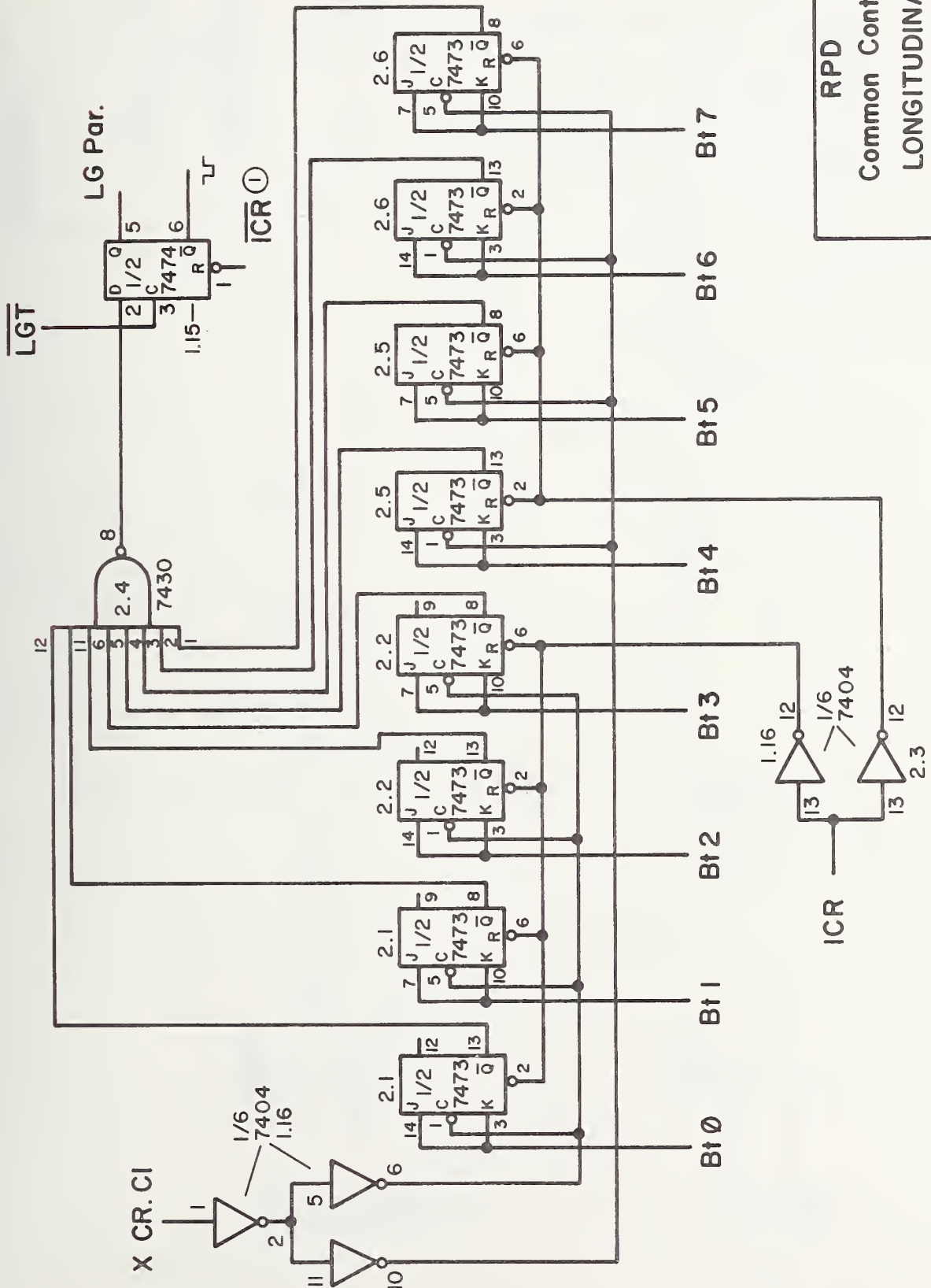
RPD

Common Control

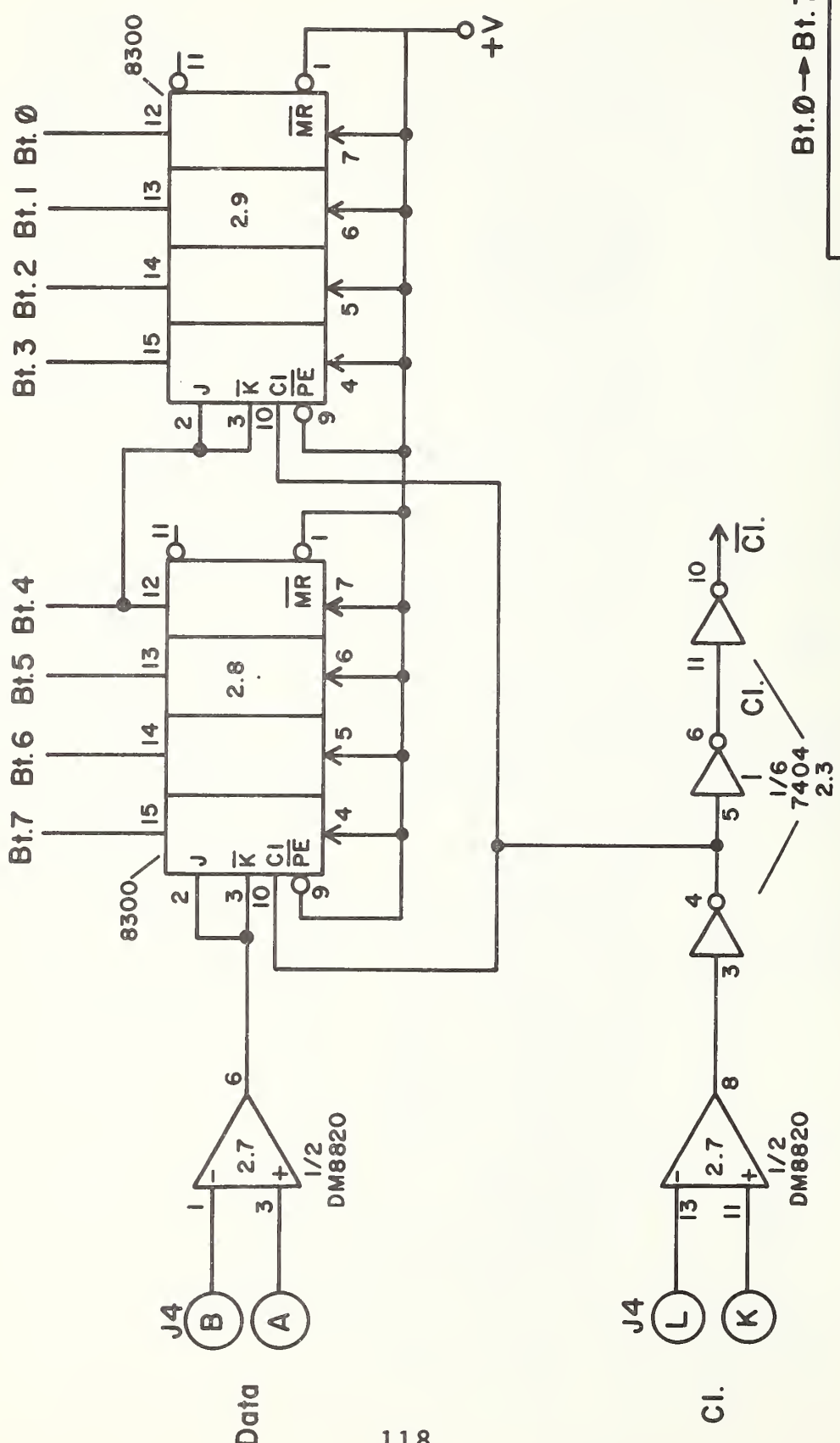
2-22-73

3.1.2

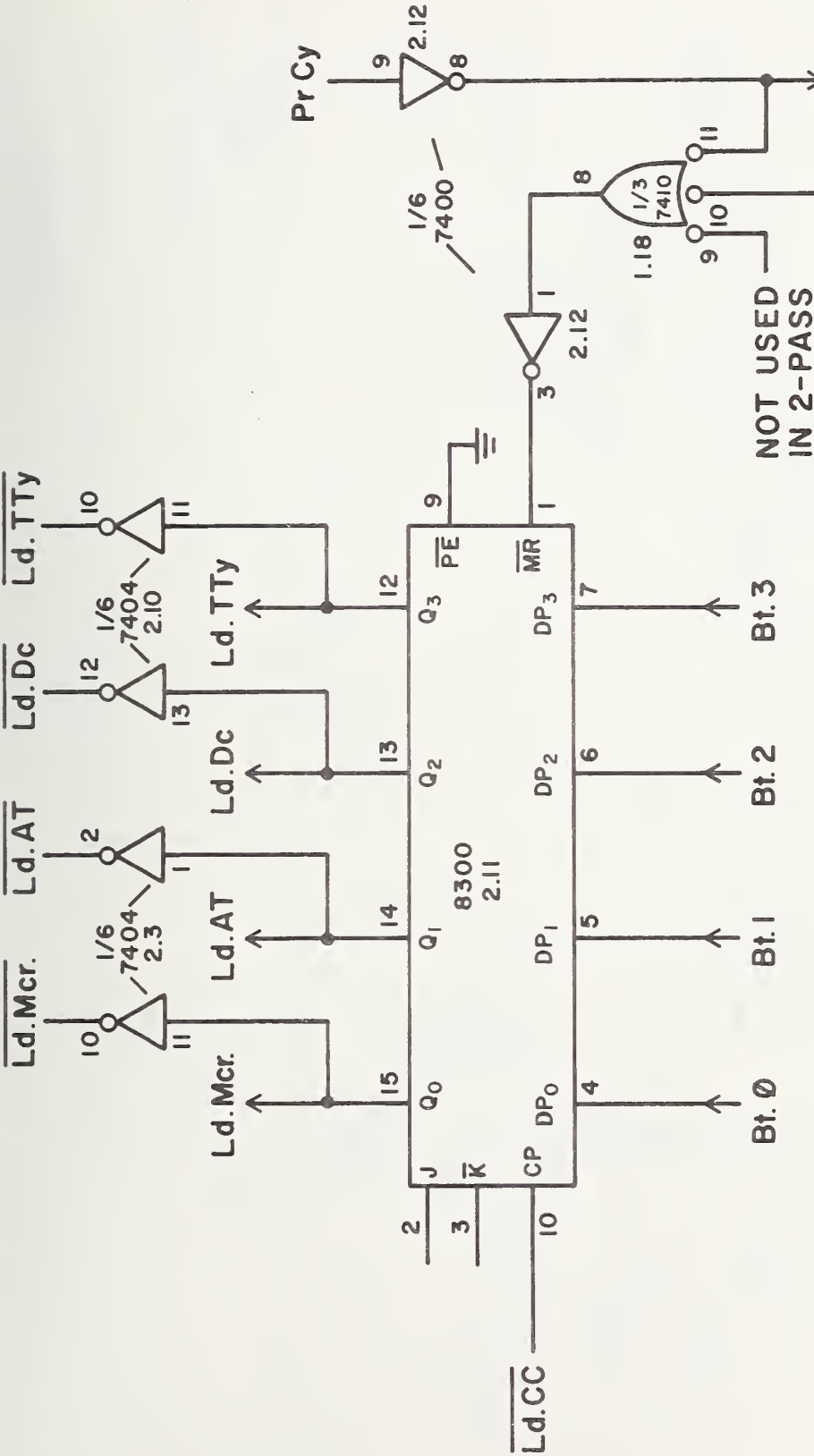




RPD
Common Control
LONGITUDINAL
PARITY
 2-22-73 3.1.4



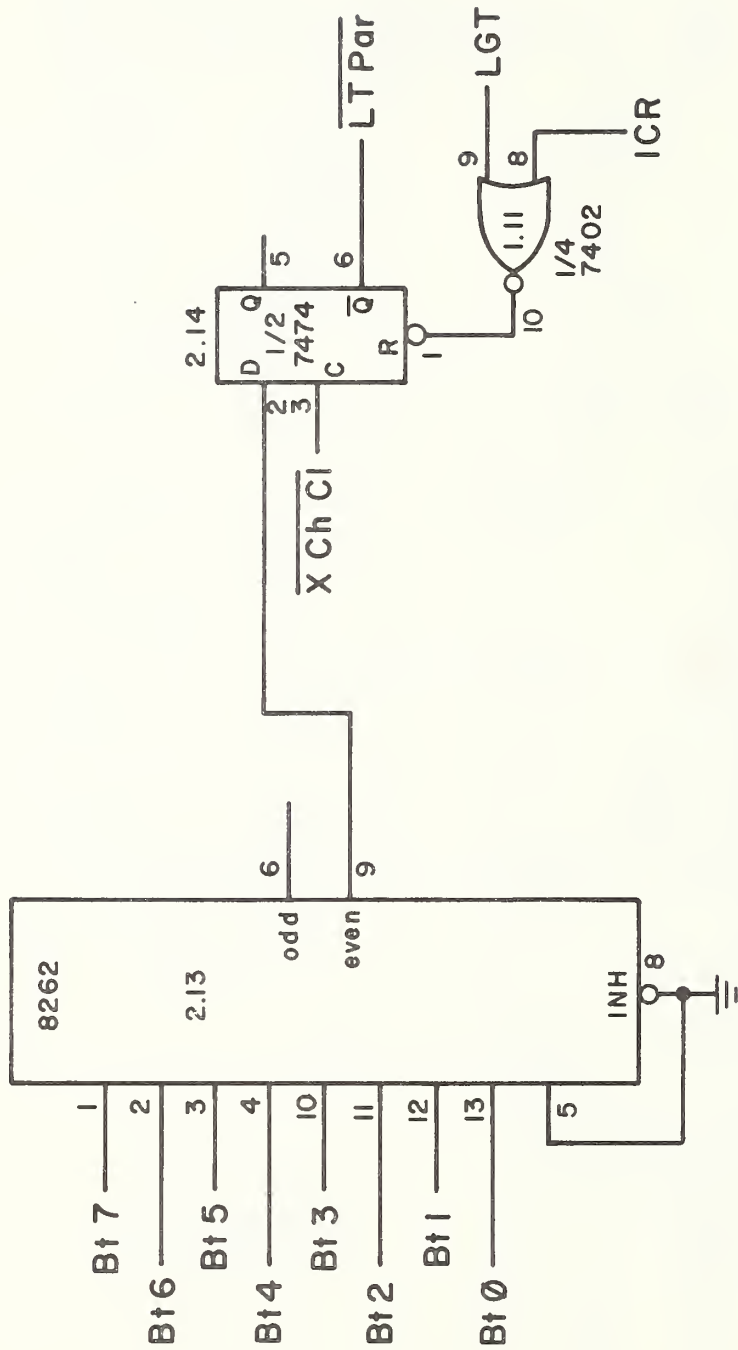
Bt.0 → Bt.7
 RPD
 Common Control
 Shift Register
 2-22-73 3.1.5



NOT USED
IN 2-PASS

$\overline{\text{ICR}}$
 $\overline{\text{LdMcr, LdAT}}$
 $\overline{\text{LdDoc, LdTTy}}$

RPD	
Common Control	
2-22-73	3.1.6



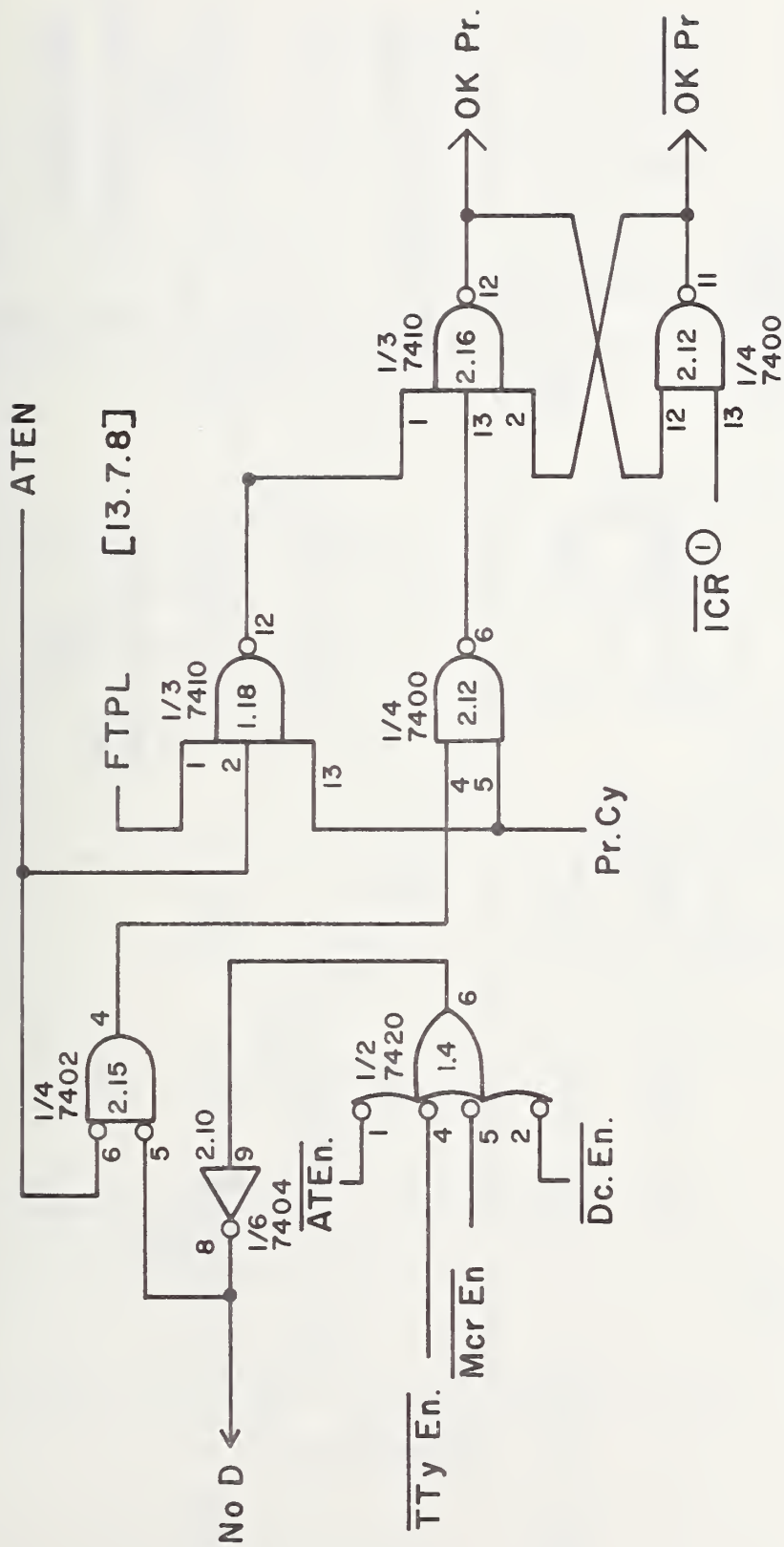
LT Par

RPD

Common Control

Lateral Parity

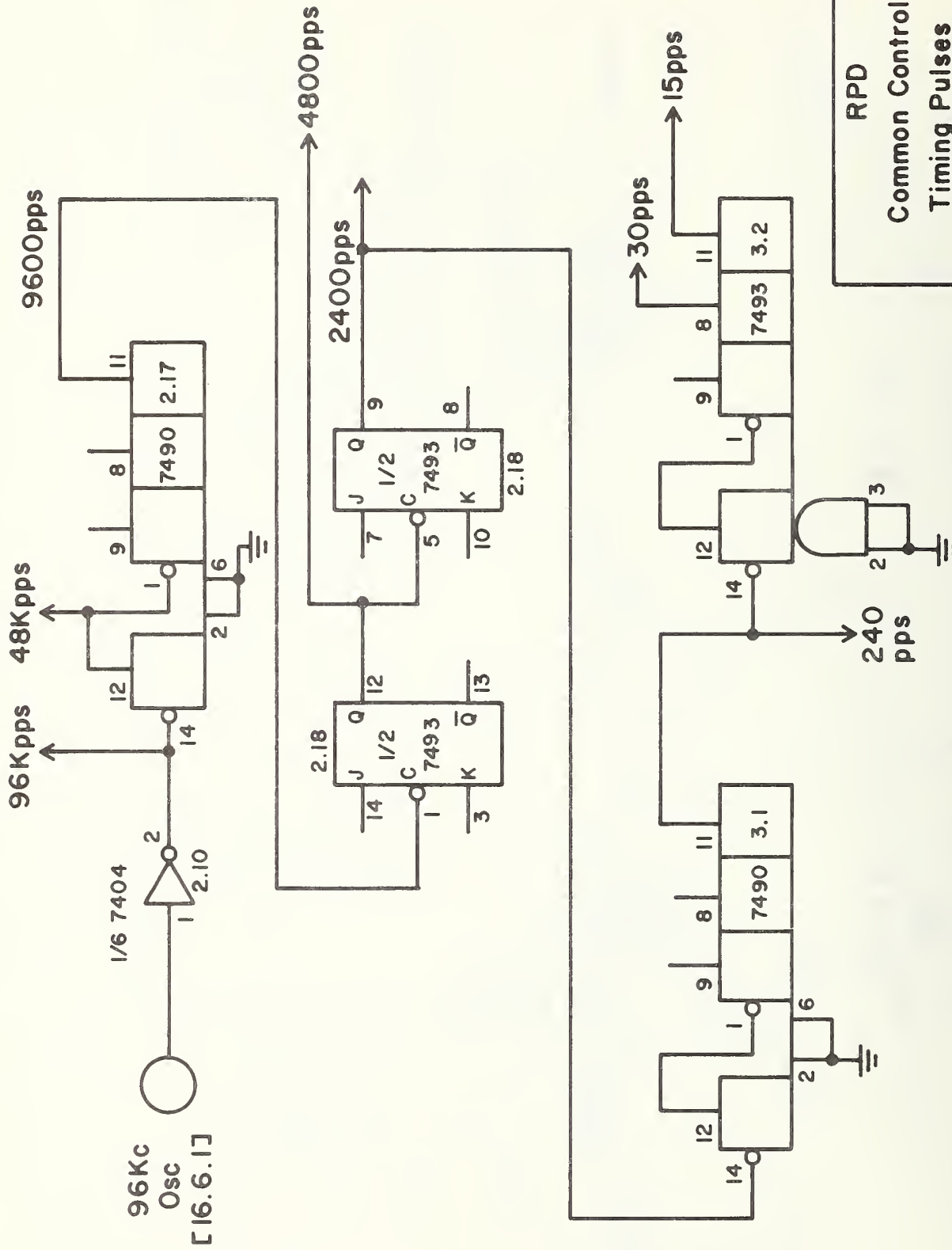
2-22-73 3.1.7



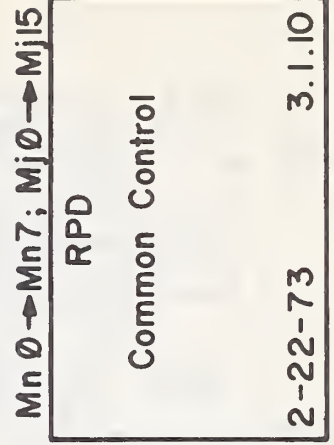
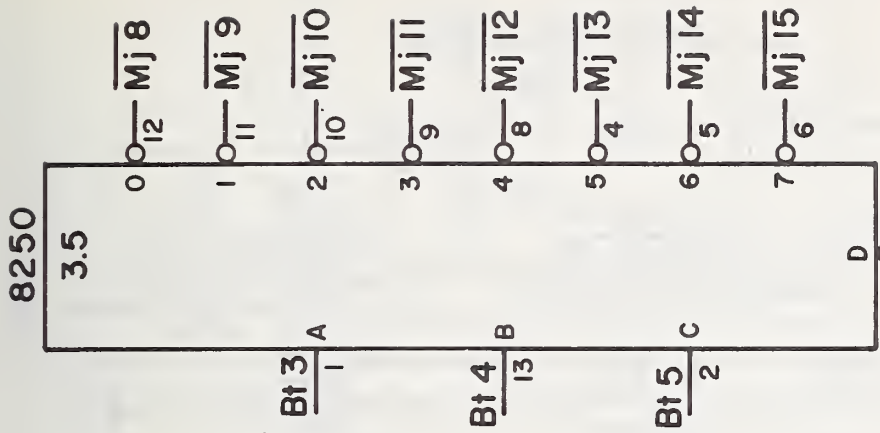
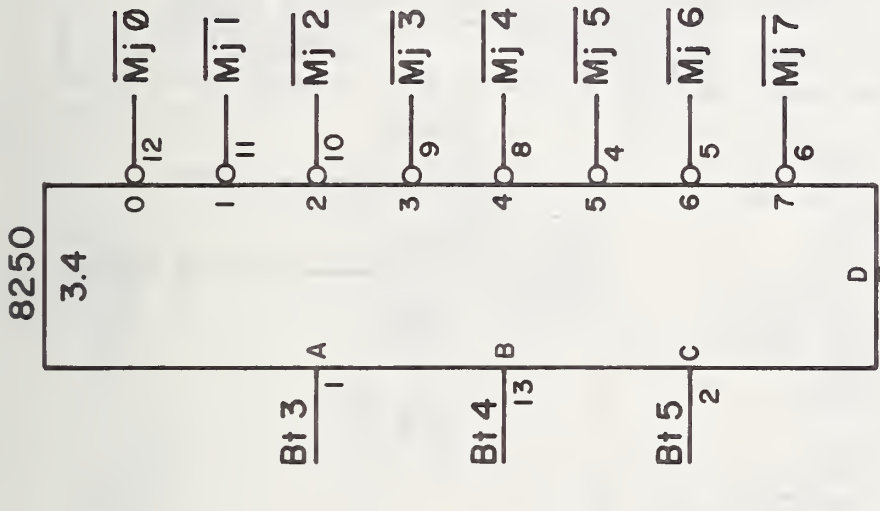
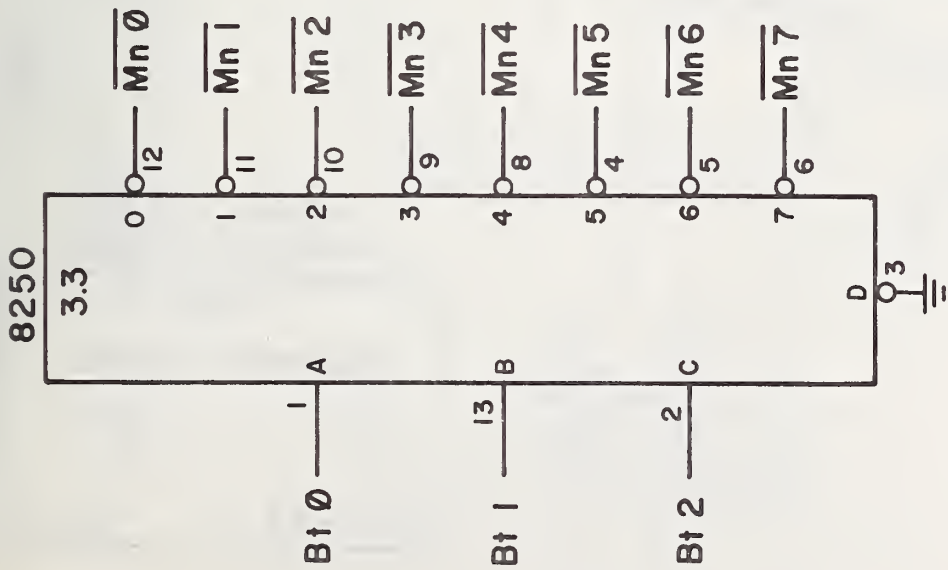
OK Pr.

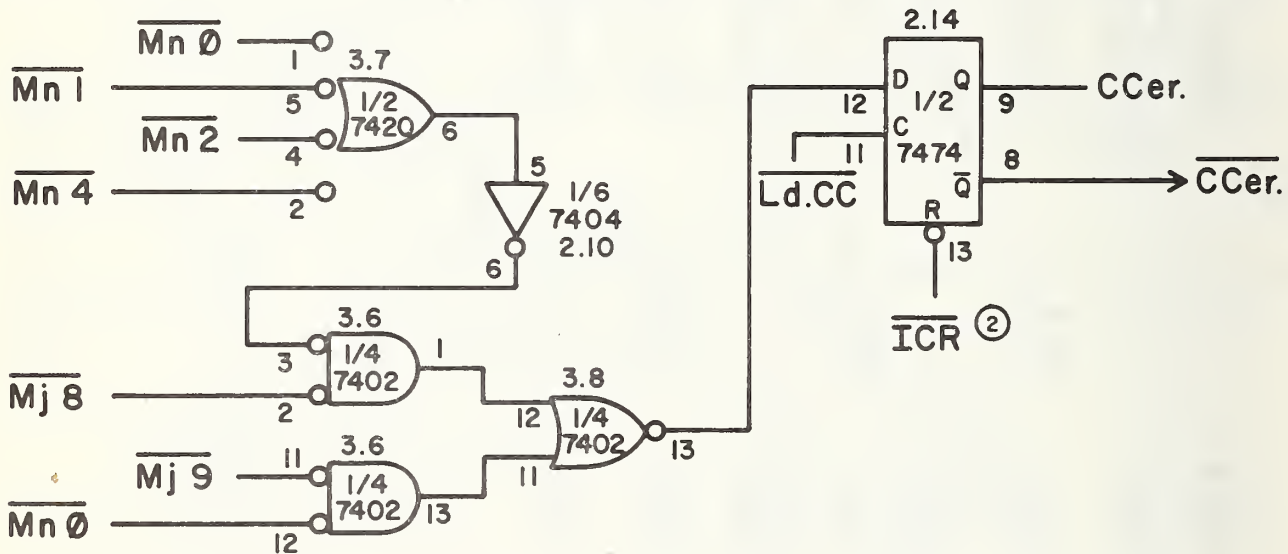
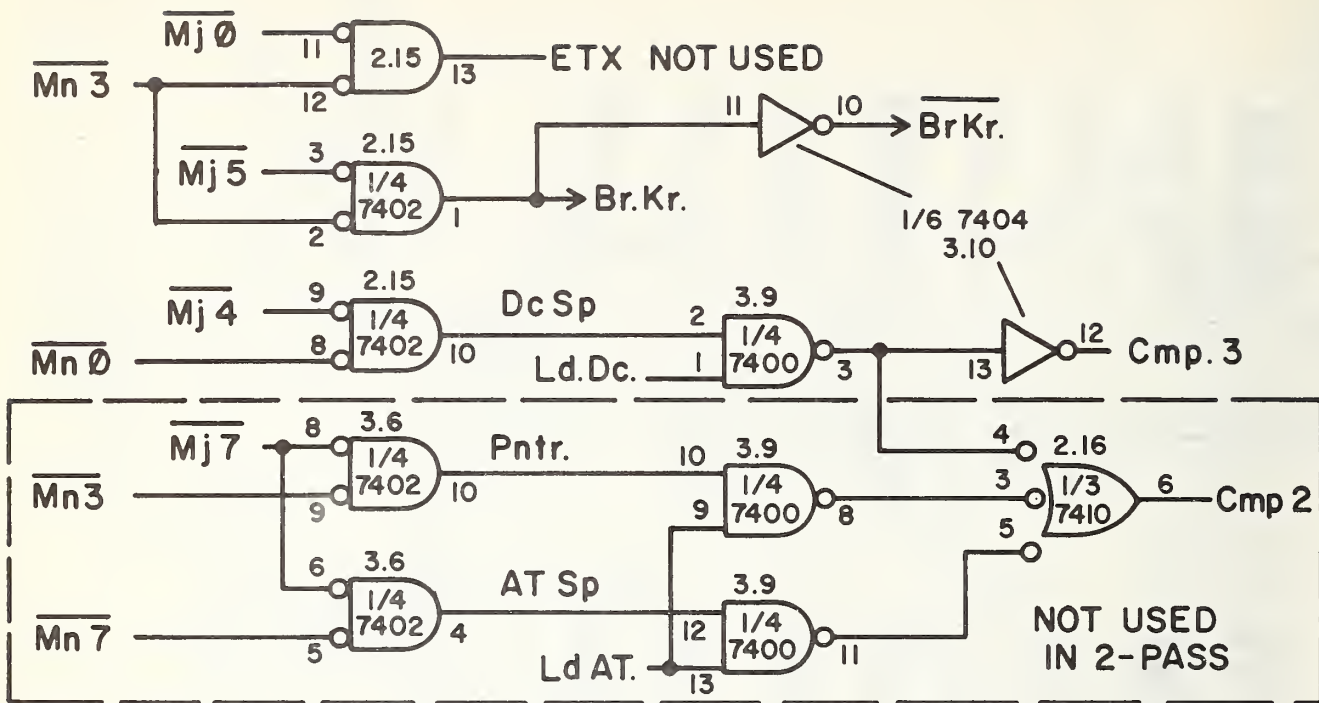
RPD
Common Control

5-16-73 3.1.8



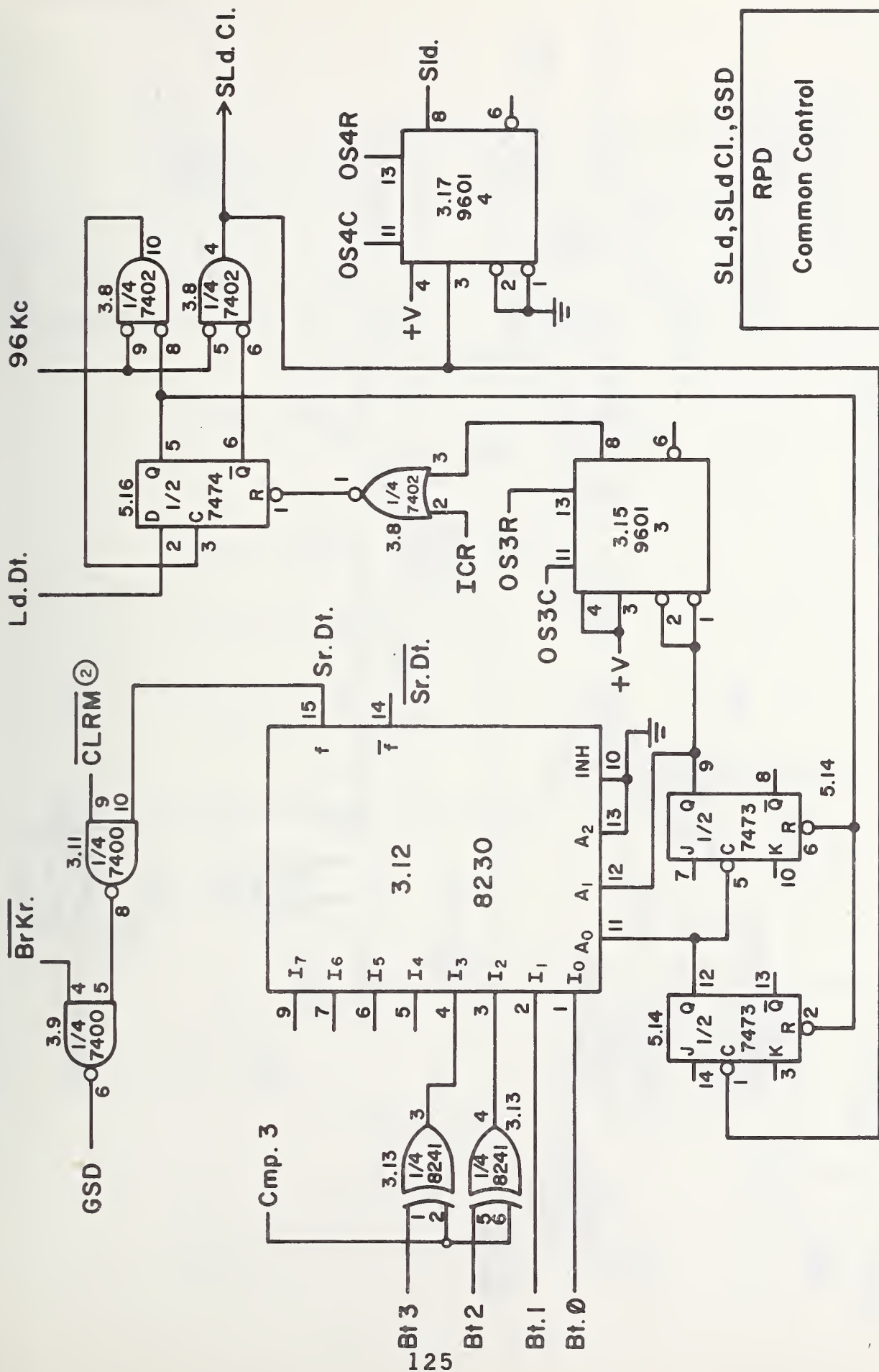
RPD
Common Control
Timing Pulses
2-22-73 3.1.9





DcSp; Cmp 3
Br.Kr.; ETX; CCer.

RPD
 Common Control
 2-22-73 3.1.11



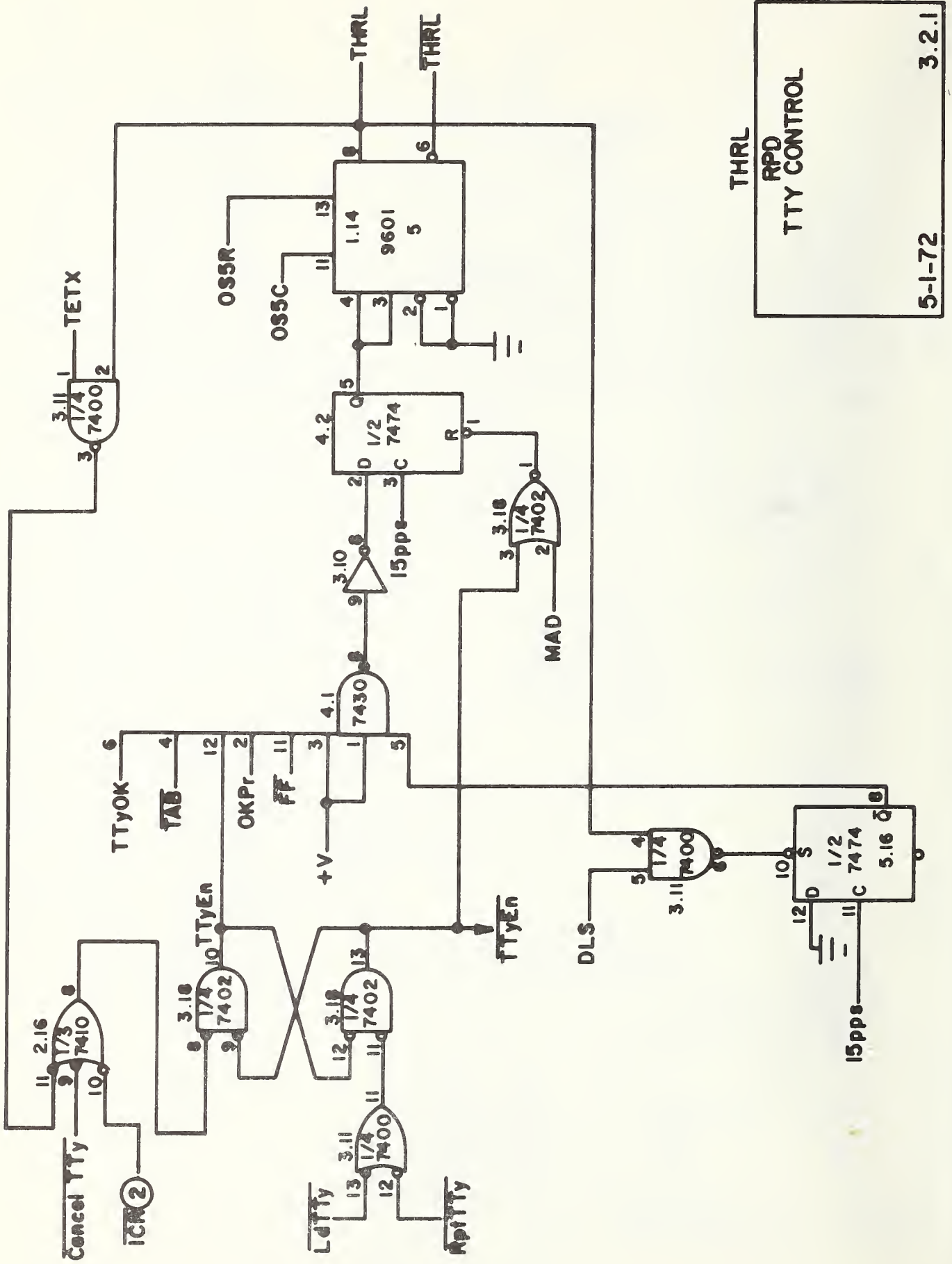
SLd, SLd Cl., GSD

RPD

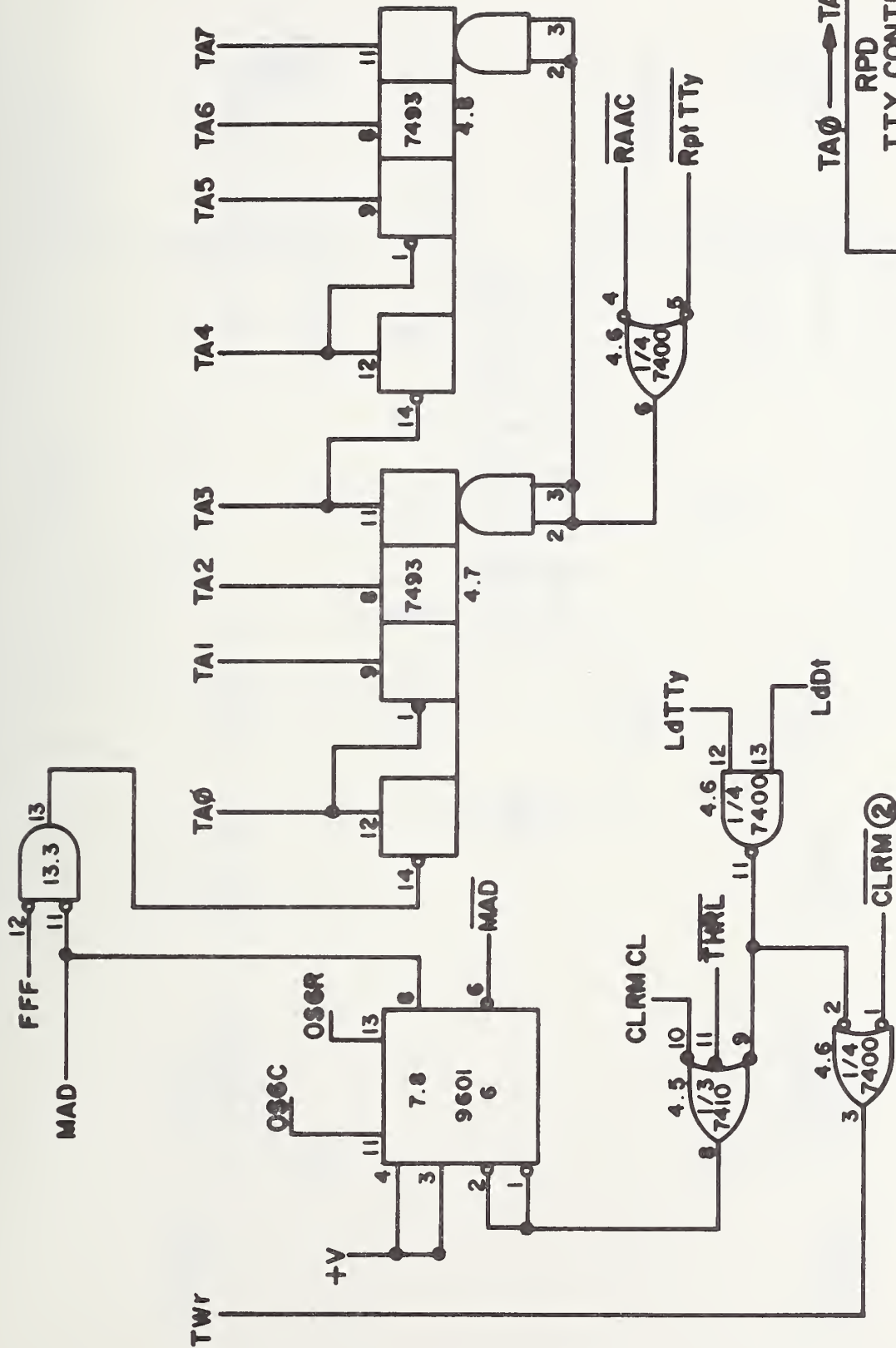
Common Control

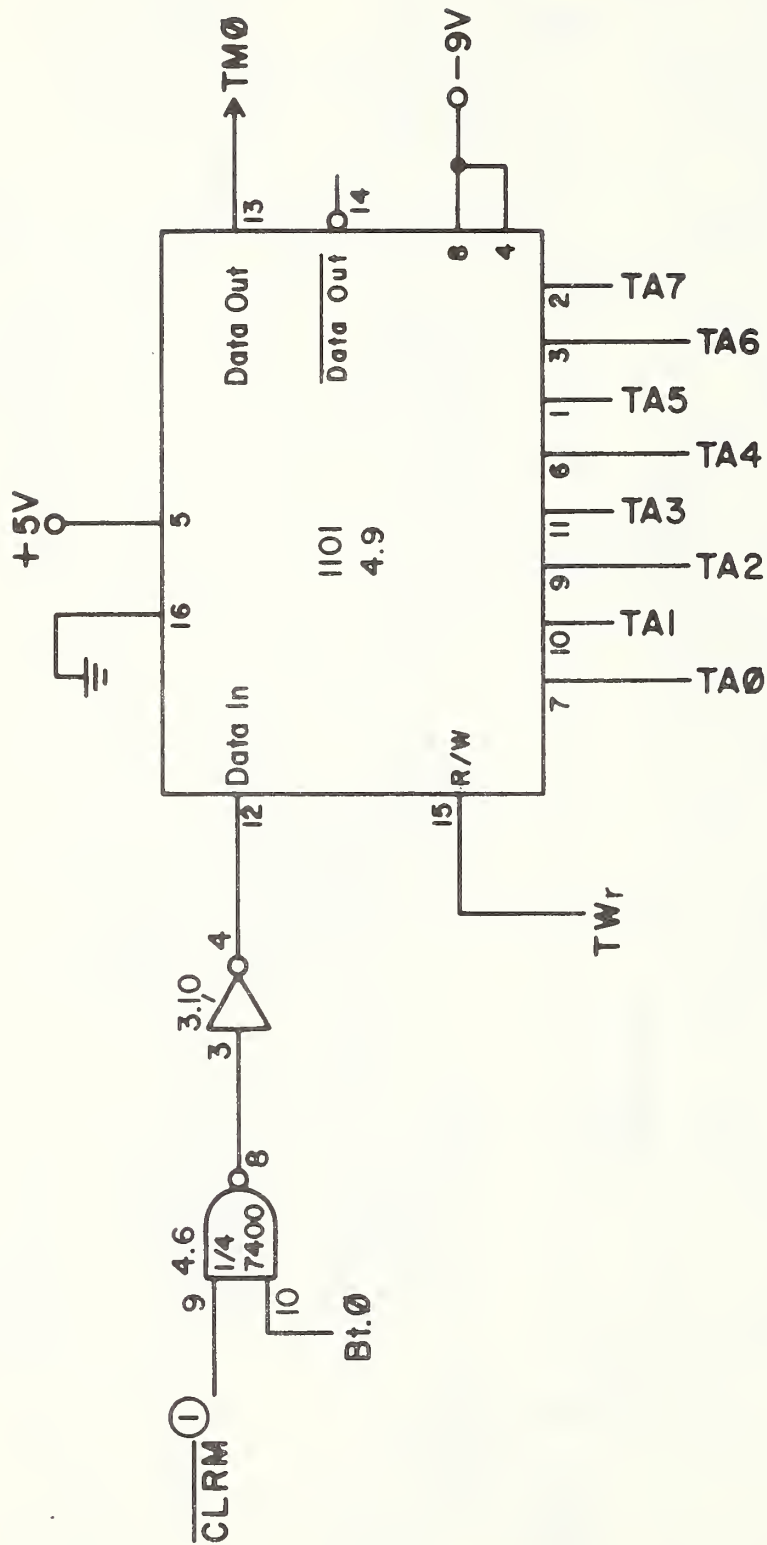
5-15-72

3.1.12



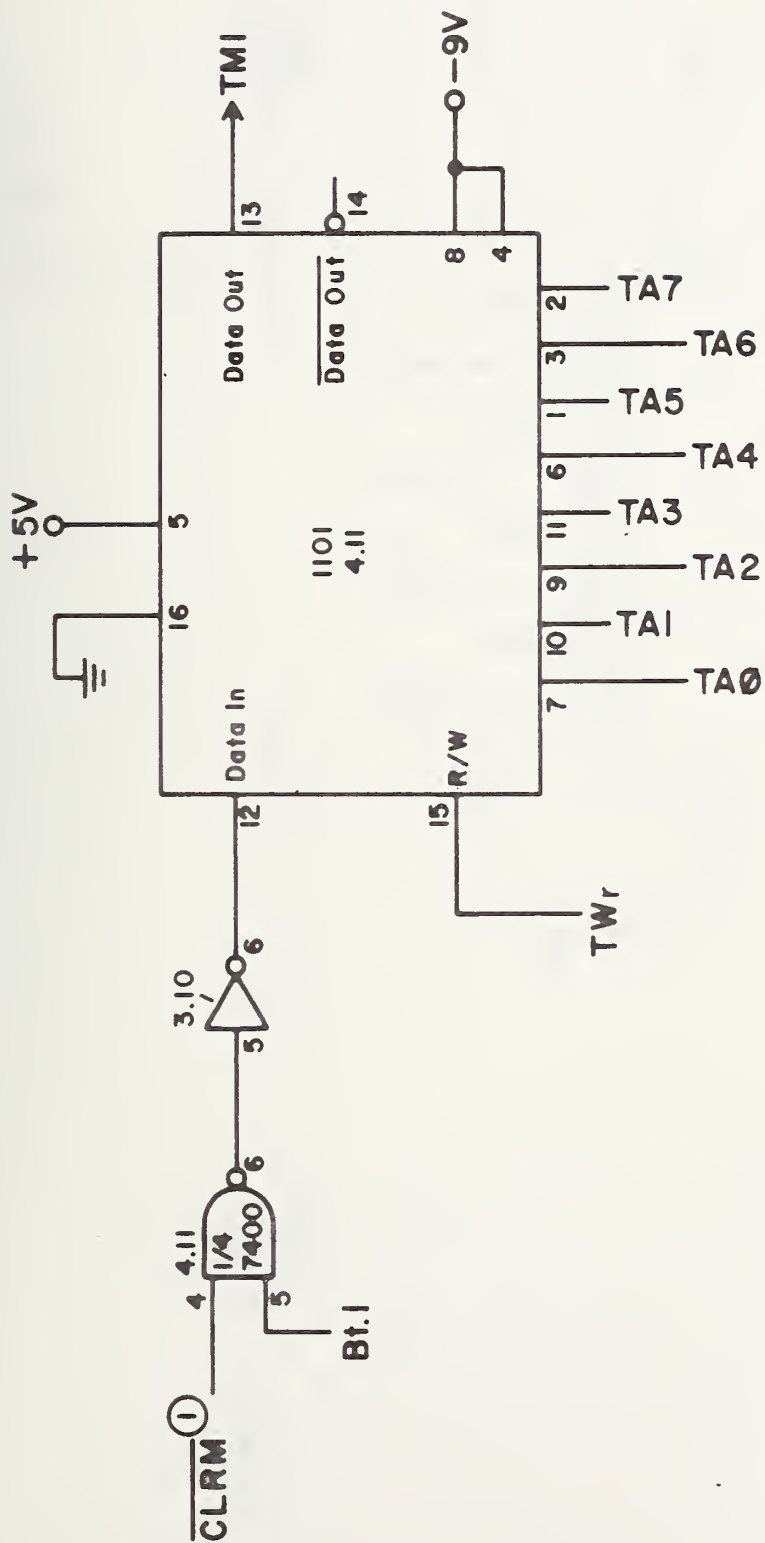
THRL
RPD
TTY CONTROL





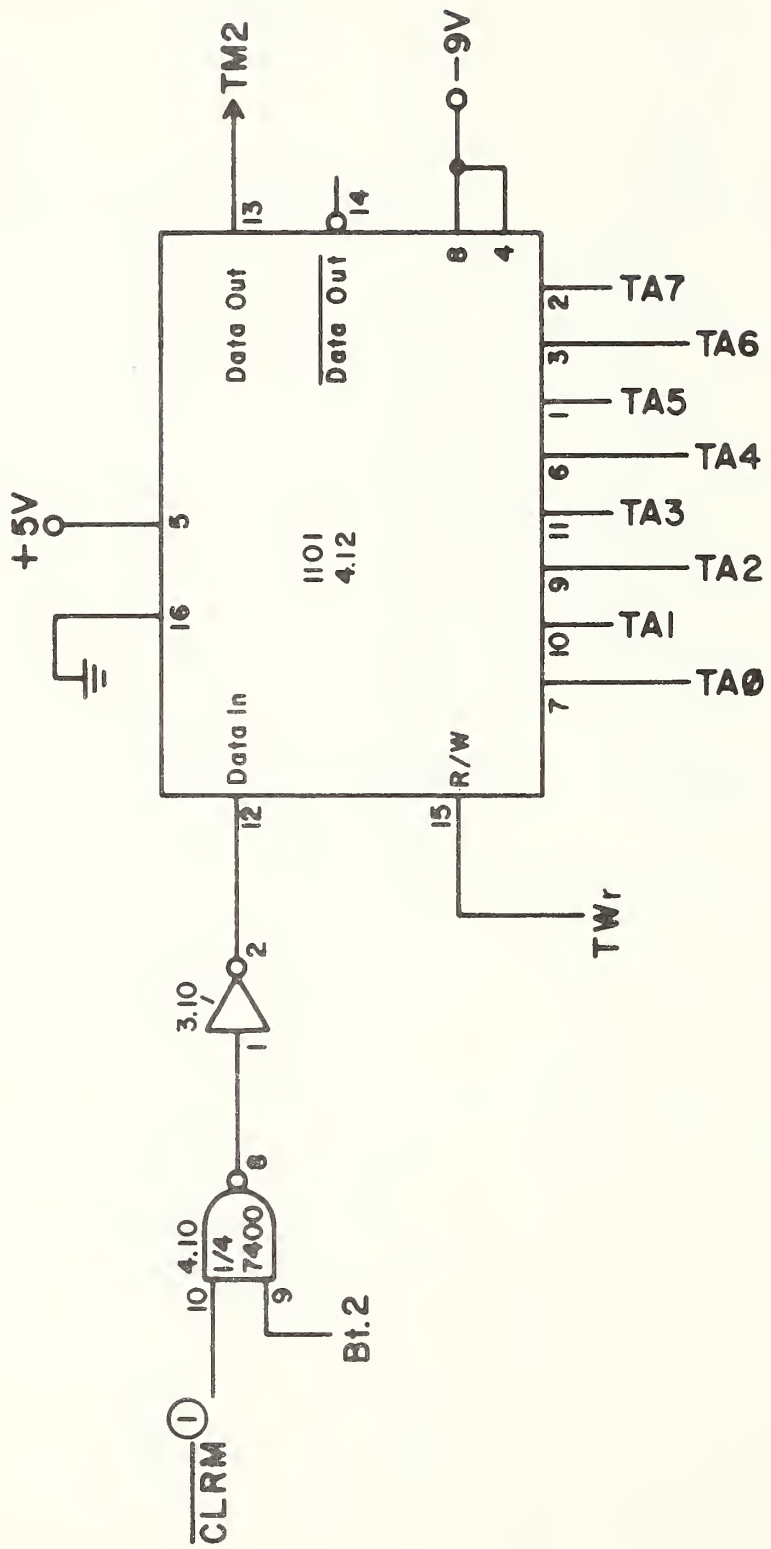
TMØ
RPD

5-8-72 3.2.3.Ø



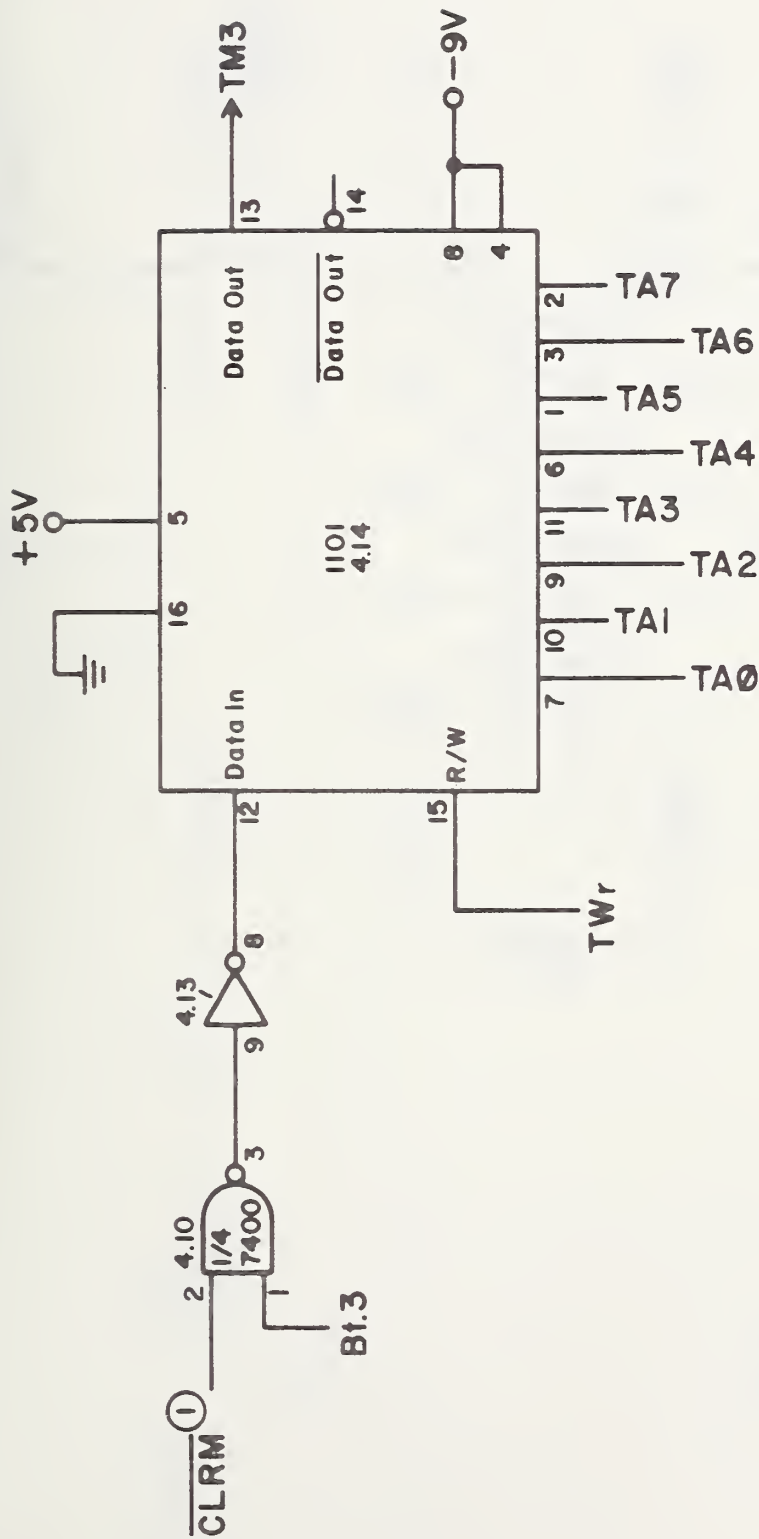
TMI
RPD

5-8-72 3.2.3.1



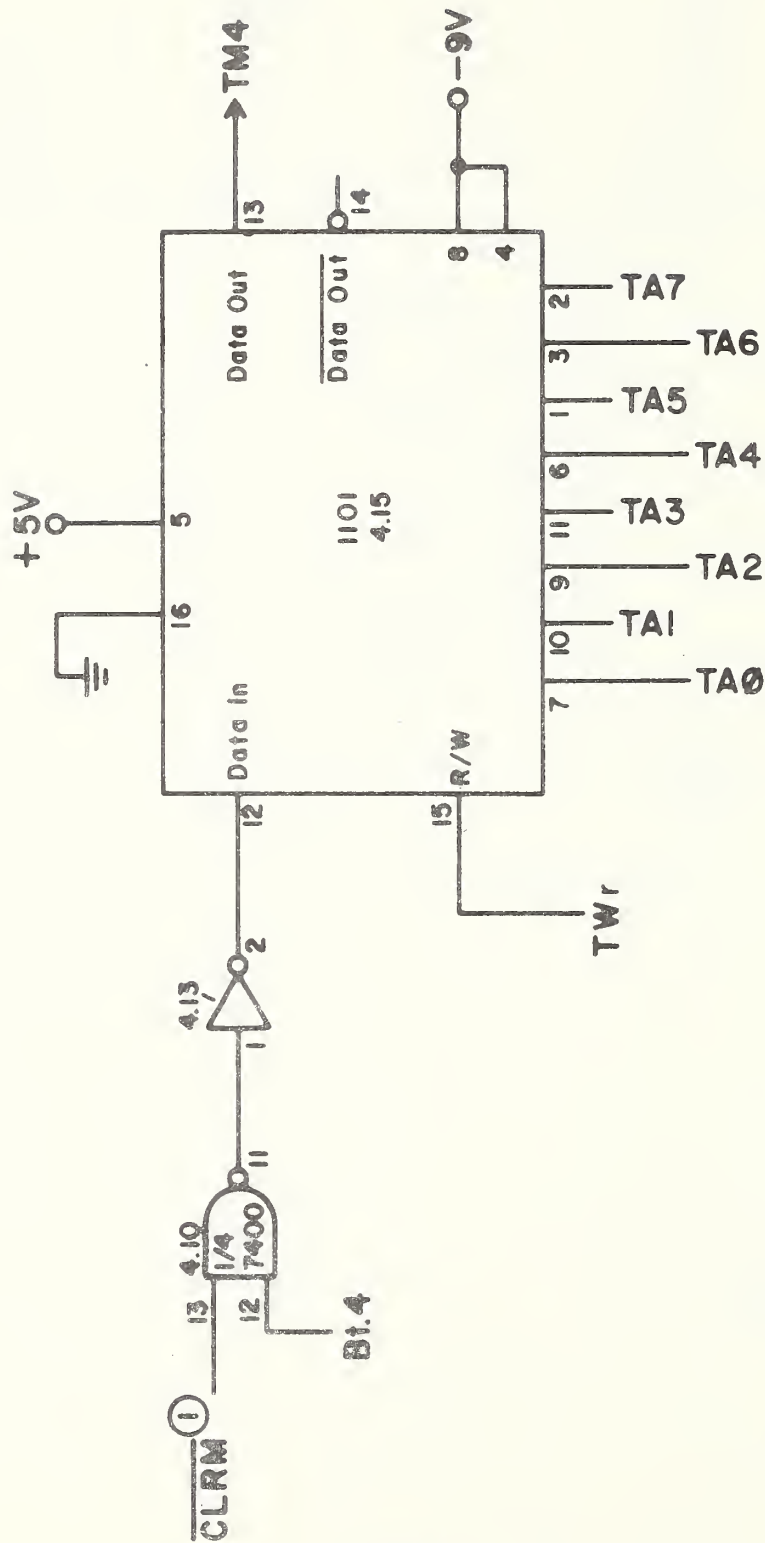
TM2
RPD

5-8-72 3.2.3.2



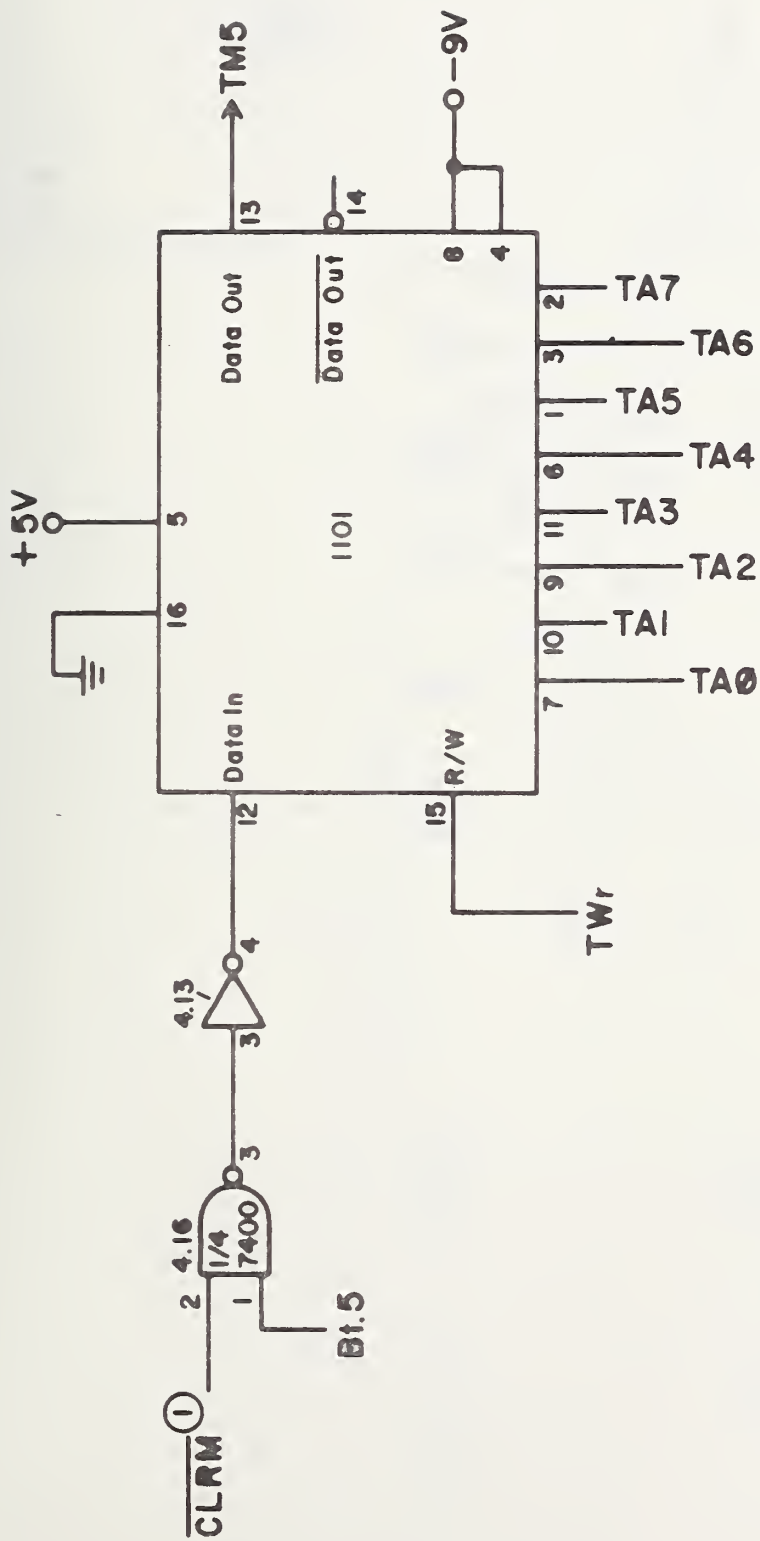
TM3
RPD

5-8-72 3.2.3.3



TM4
RPD

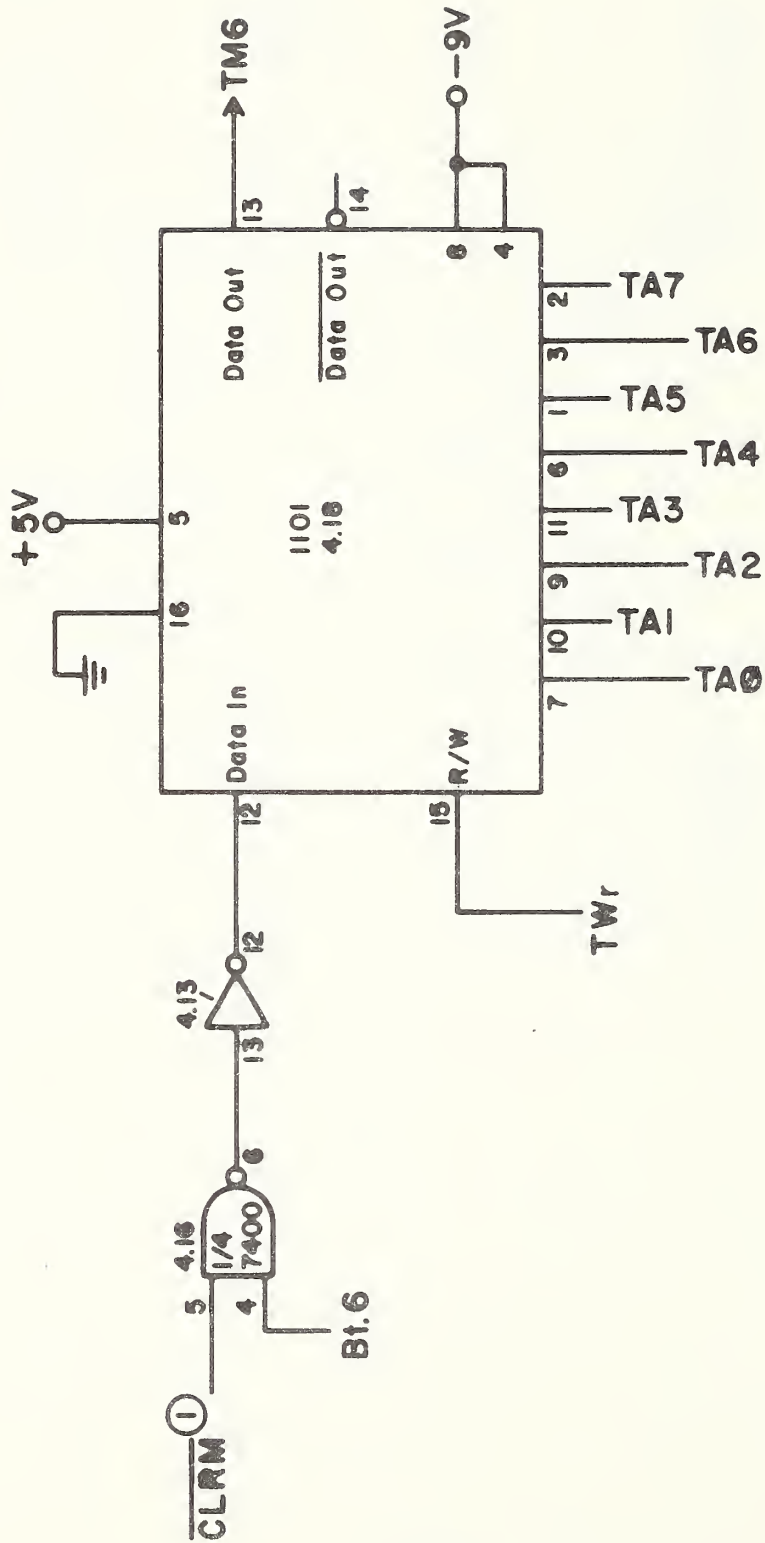
5-8-72 3.2.3.4



TM5

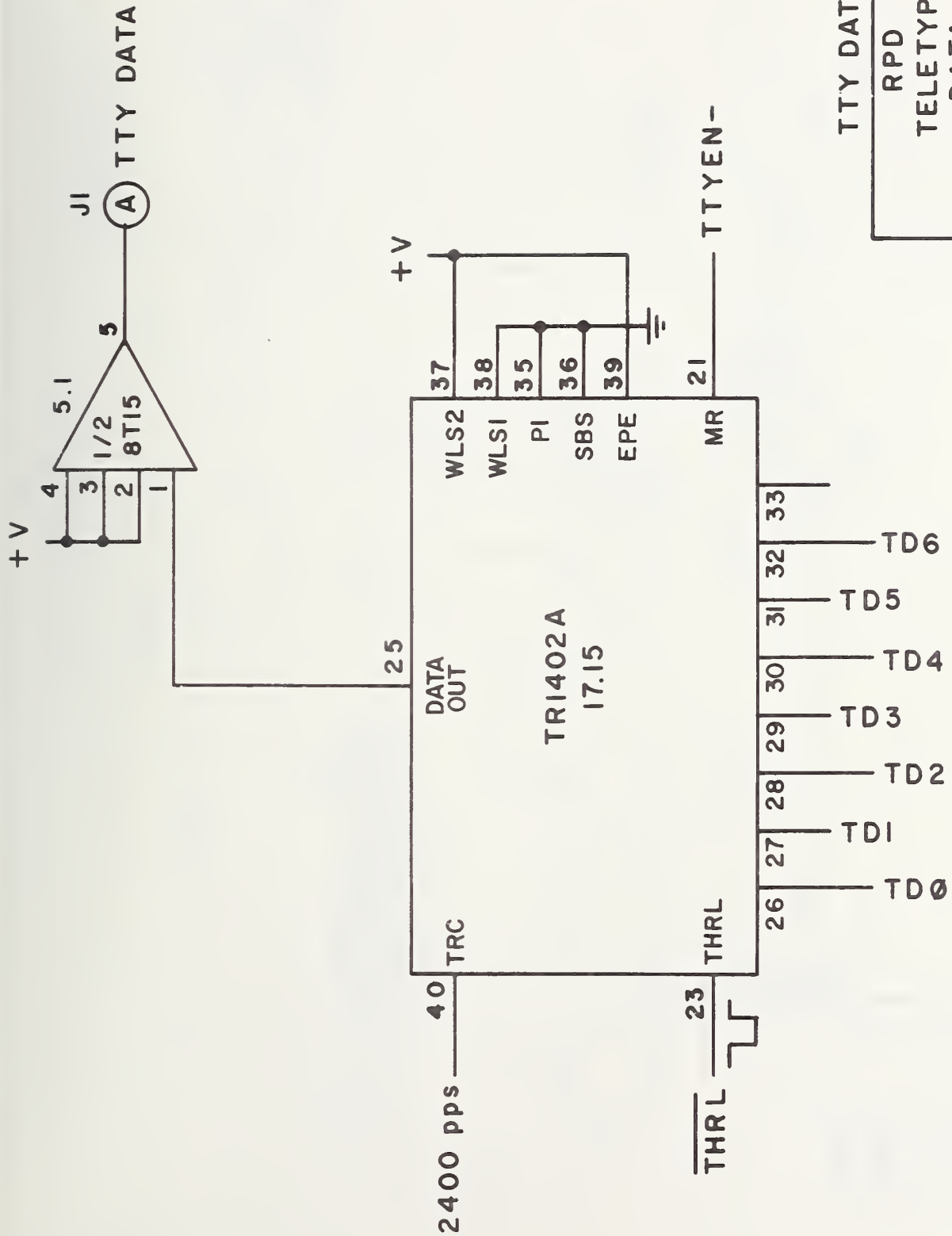
RPD

5-8-72 3.2.3.5



TM6
RPD

5-8-72 3.2.3.6

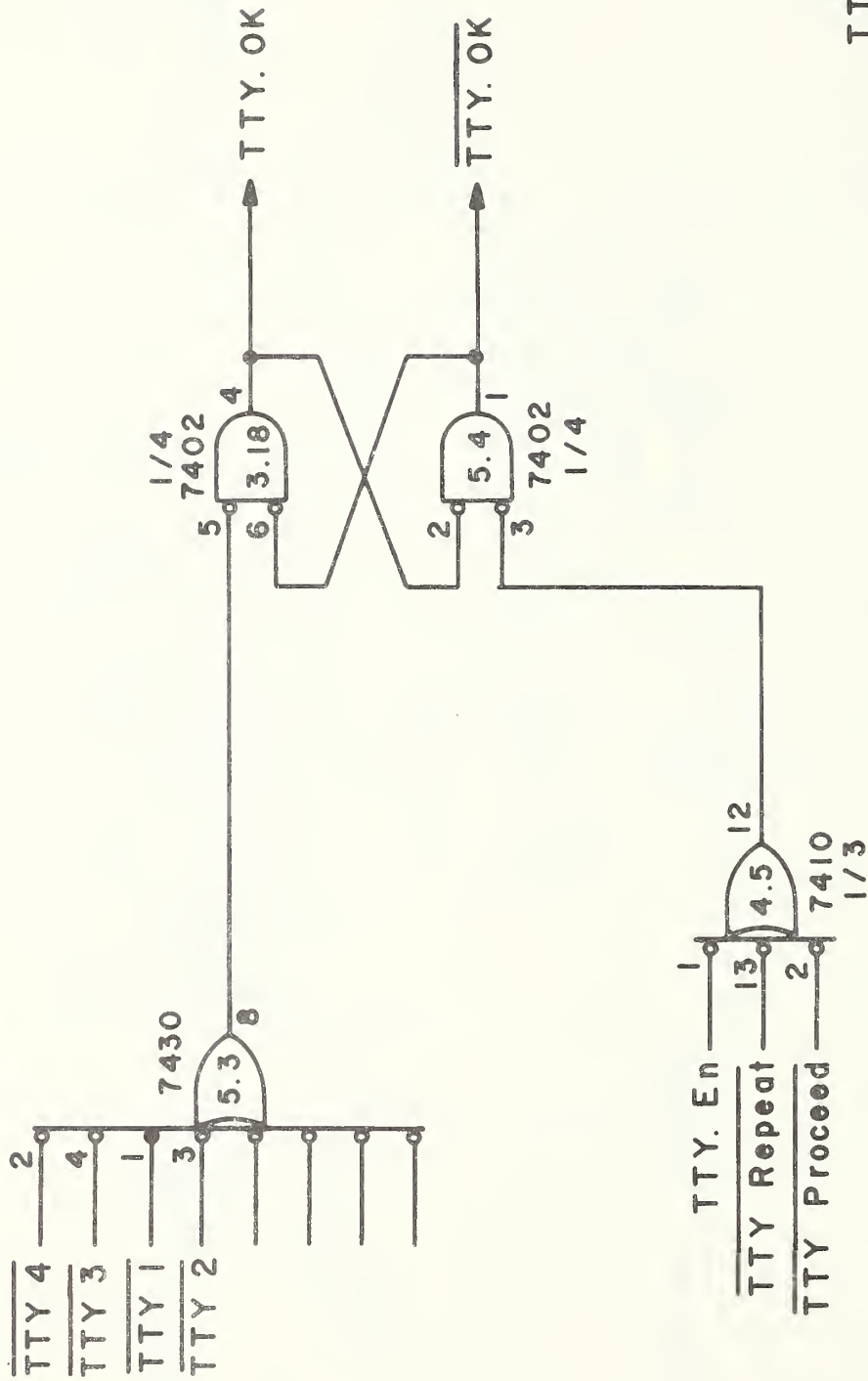


TTY DATA

RPD
TELETYPE
DATA

6/4/73

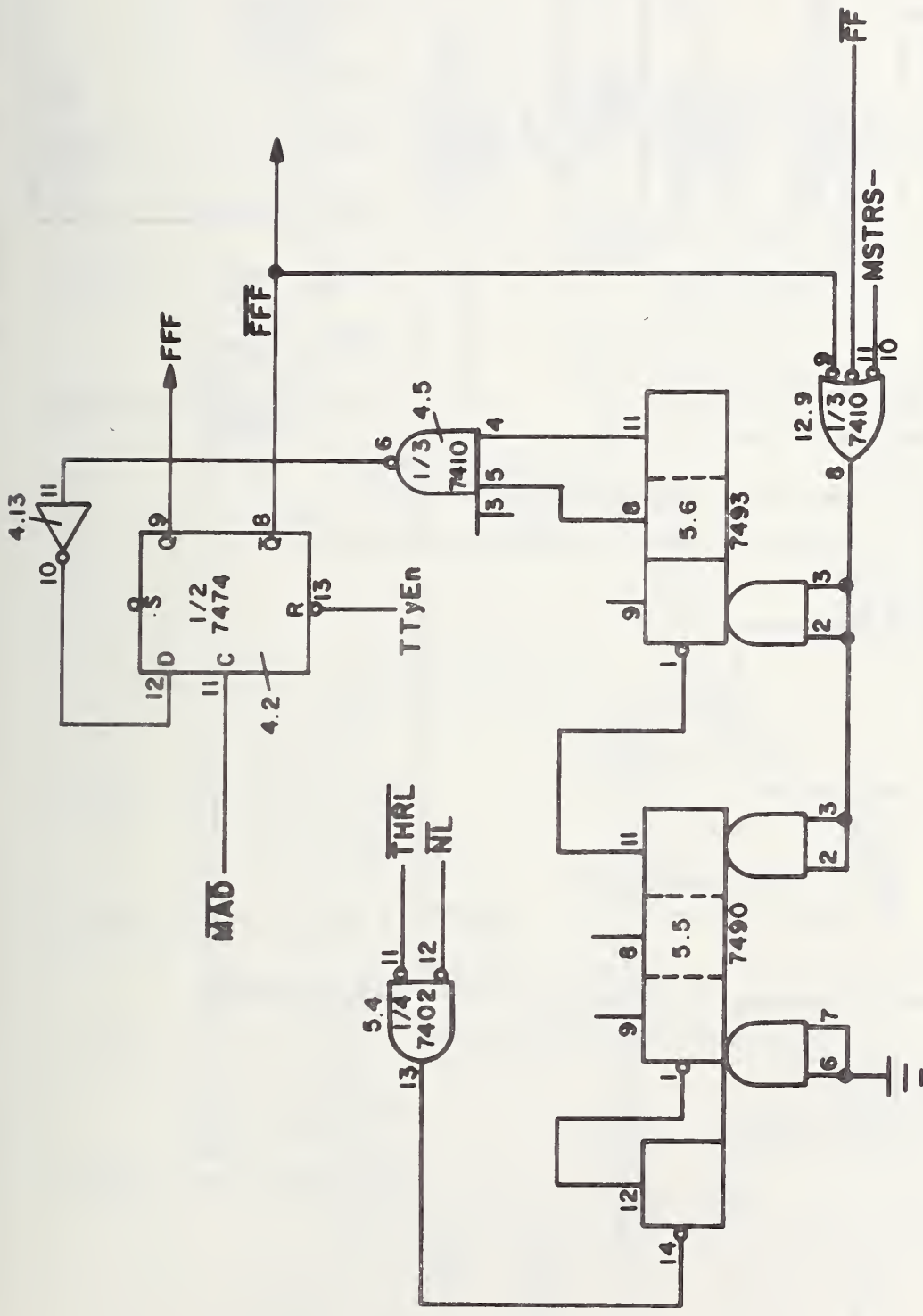
3.2.4



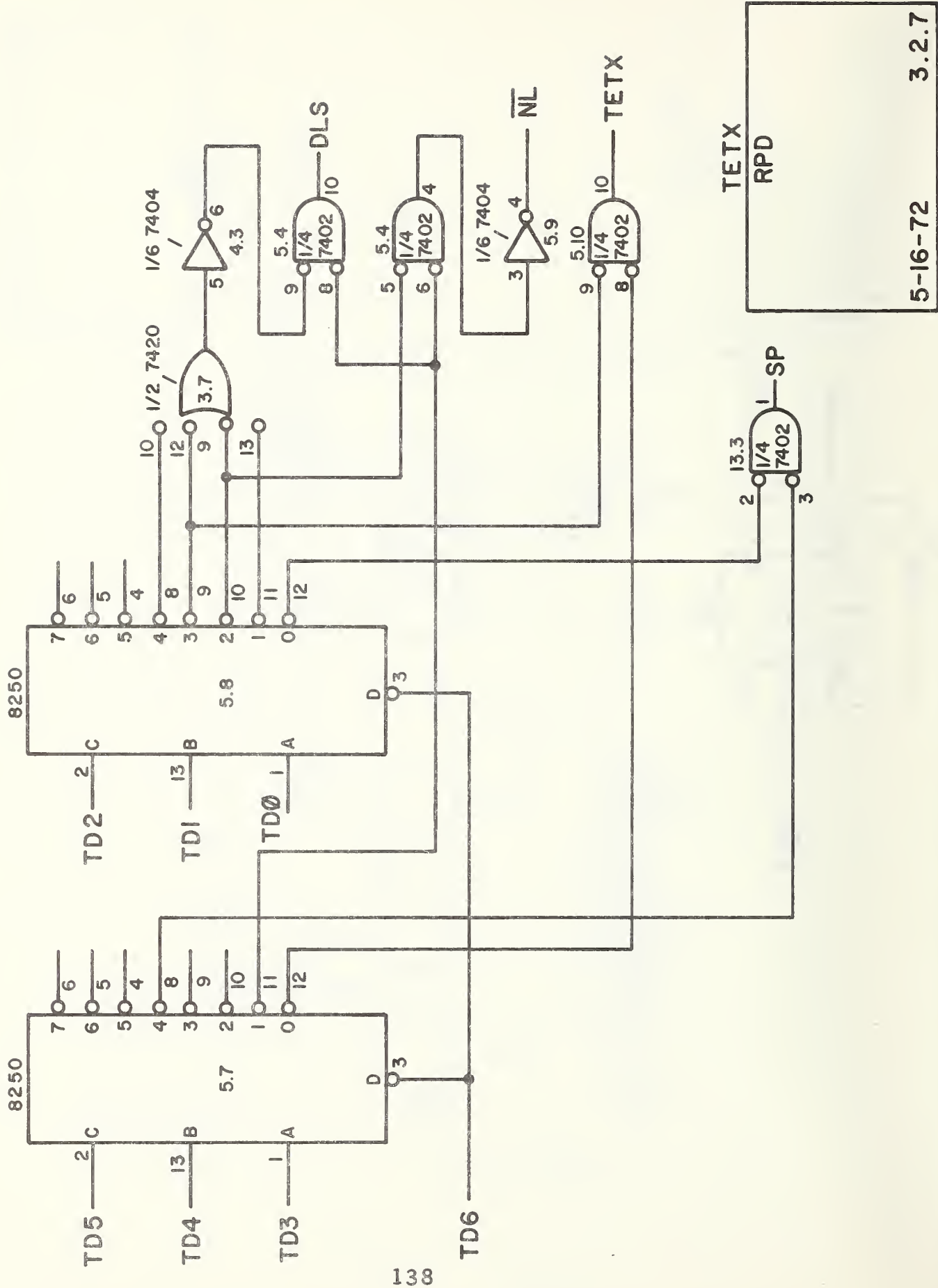
TTY. OK

RPD
TELETYPE
OK

8/12/72 3.2.5

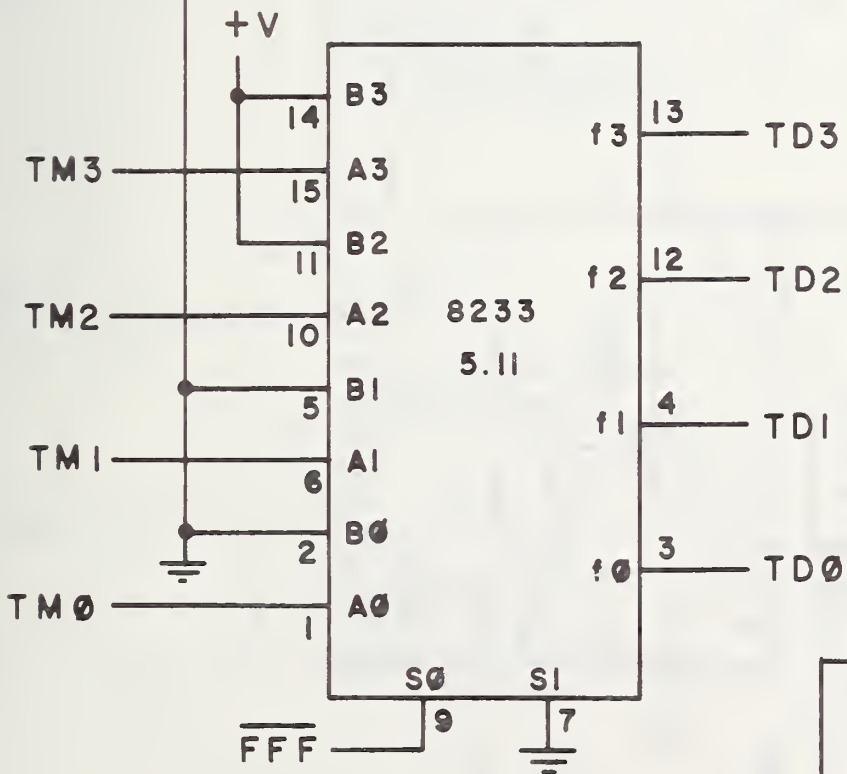
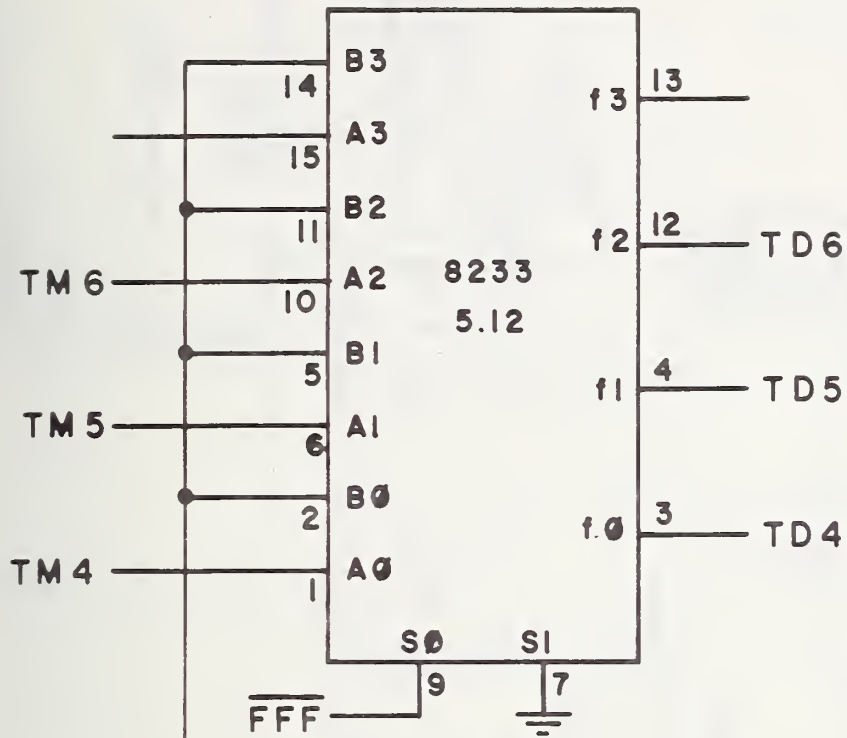


FFF	5-17-73	3.2.6
RPD		



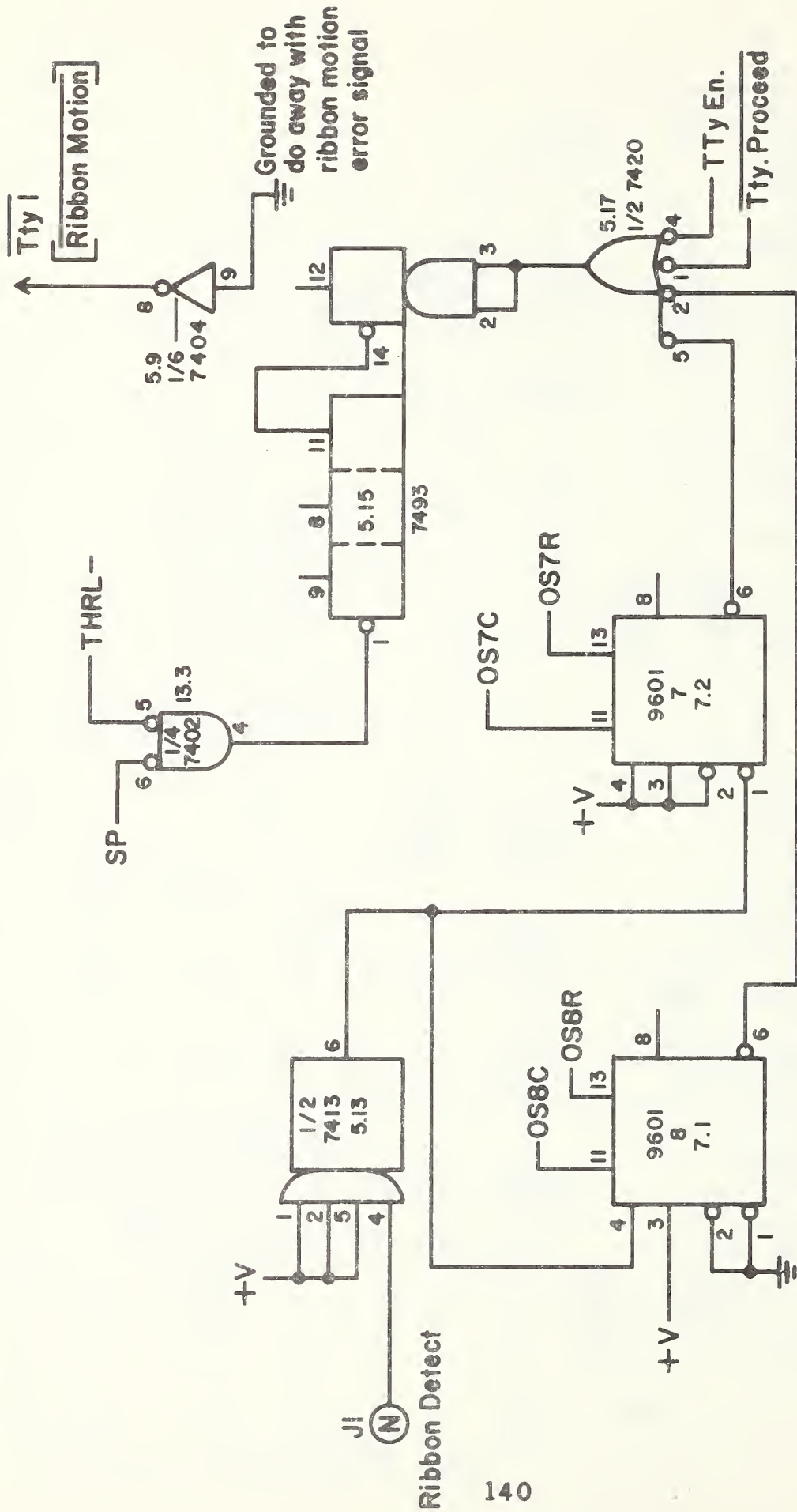
5-16-72

3.2.7



TD0 — TD6
RPD

5/17/72 3.2.8



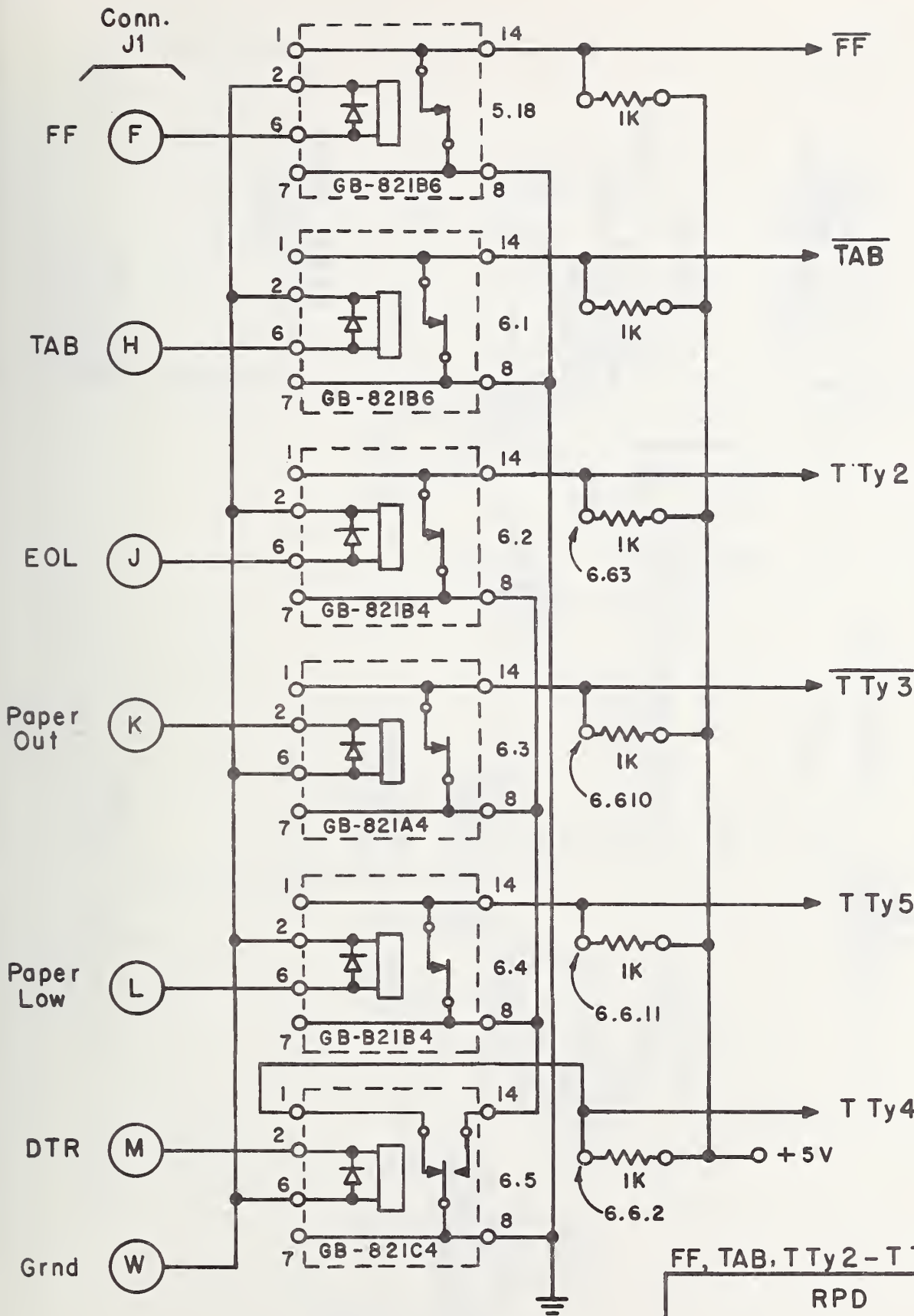
TTY I

RPD

Ribbon Motion

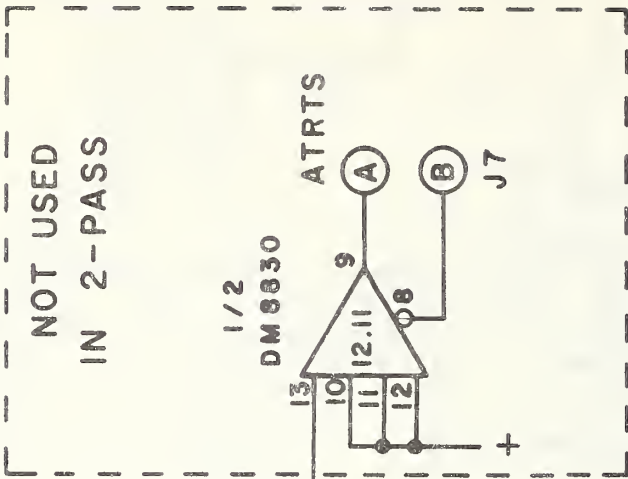
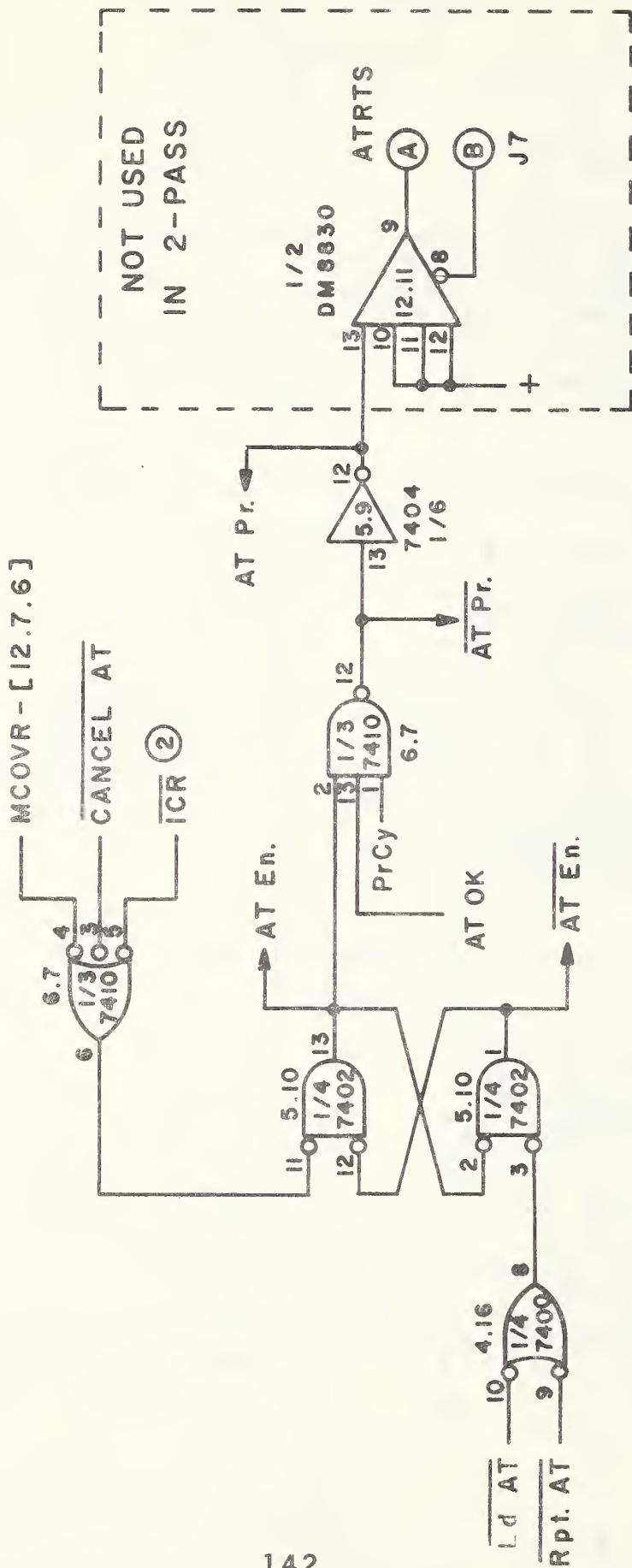
5-16-73

3.2.9

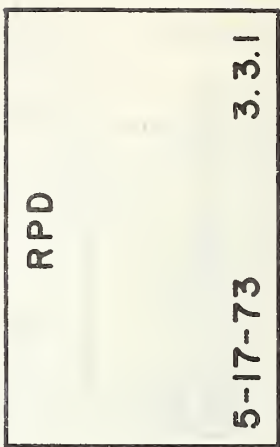


FF, TAB, T Ty 2 - T Ty 4

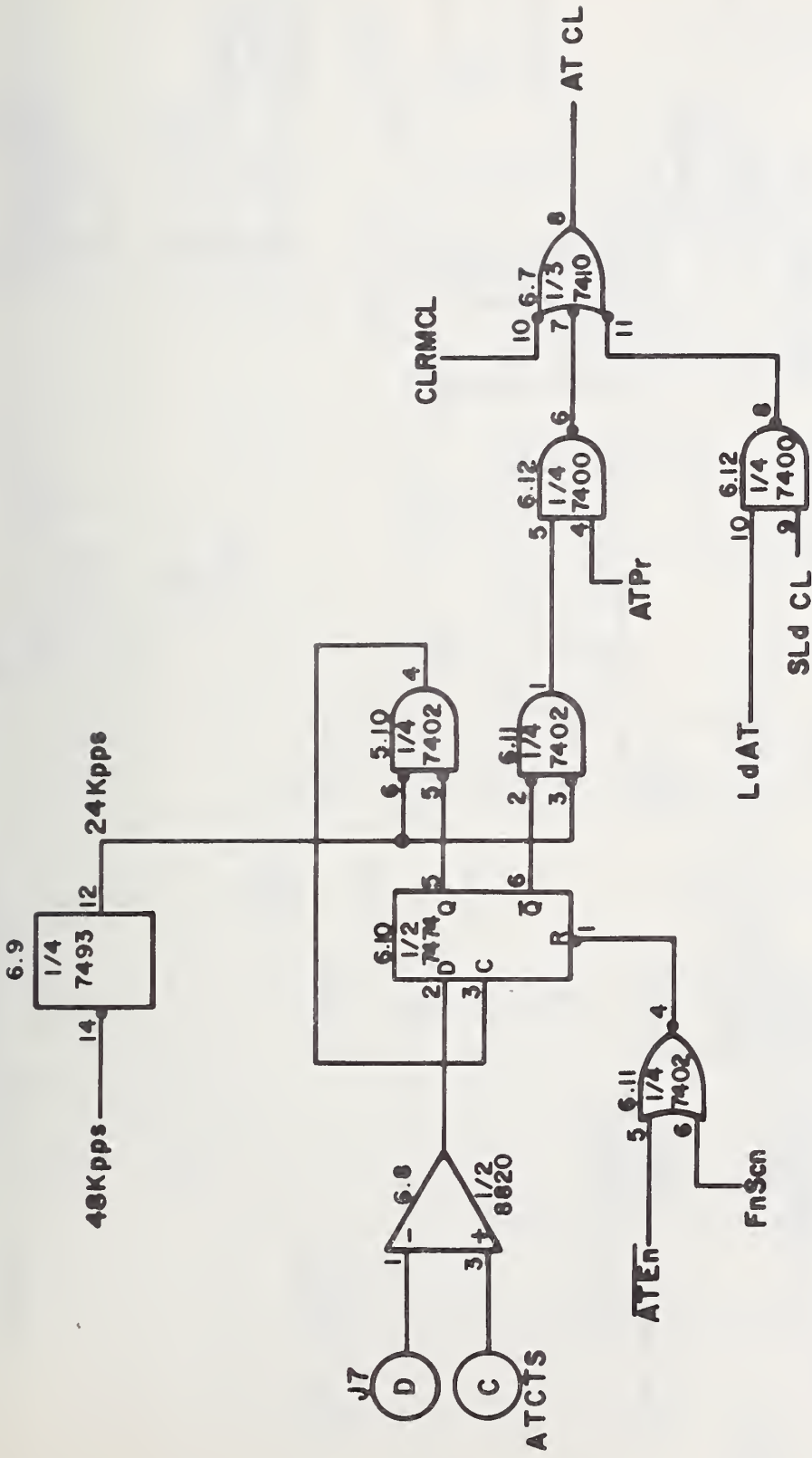
RPD



ATEN. ATPr.



3.3.1

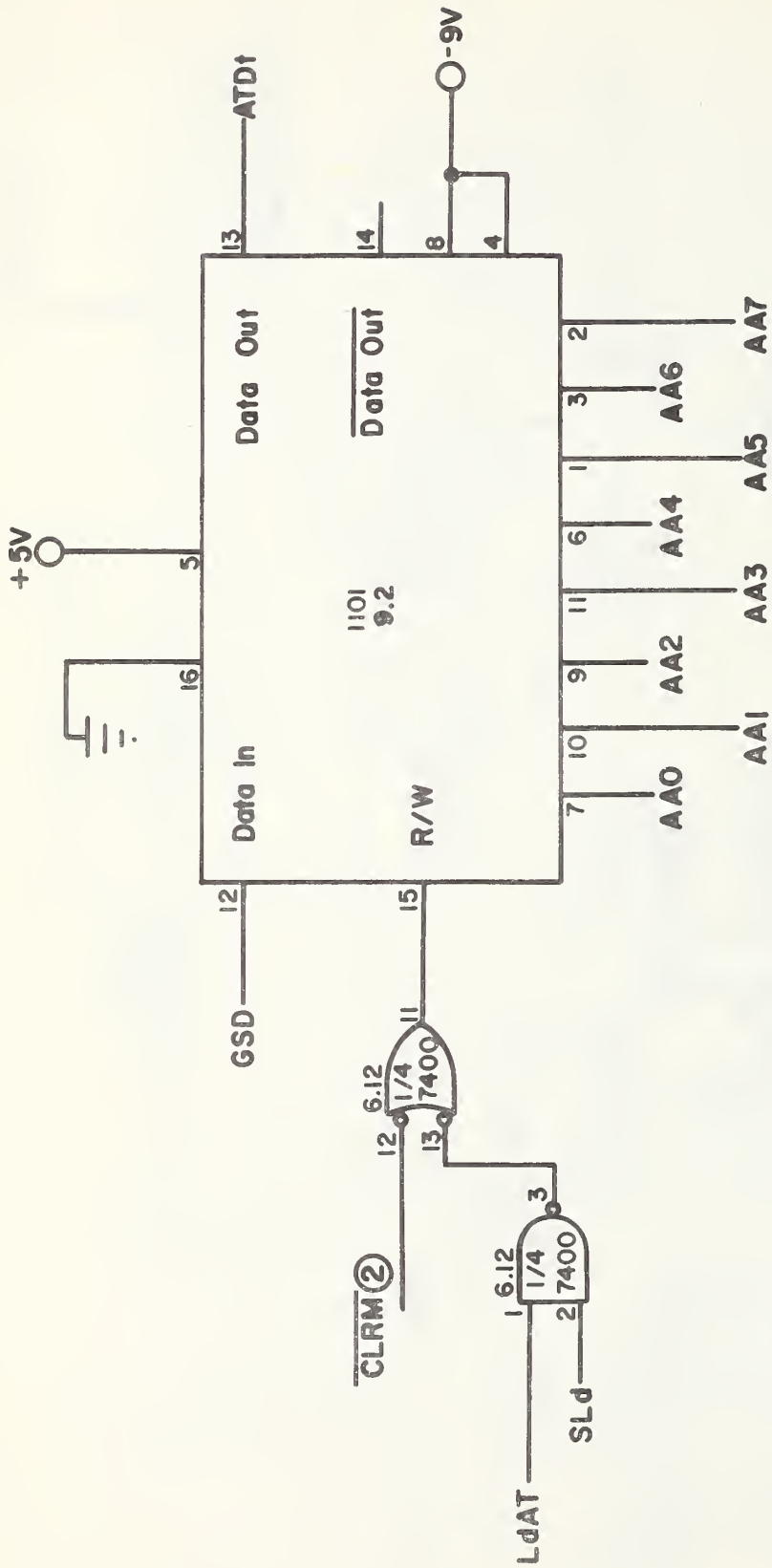


CLR MCL; AT CL

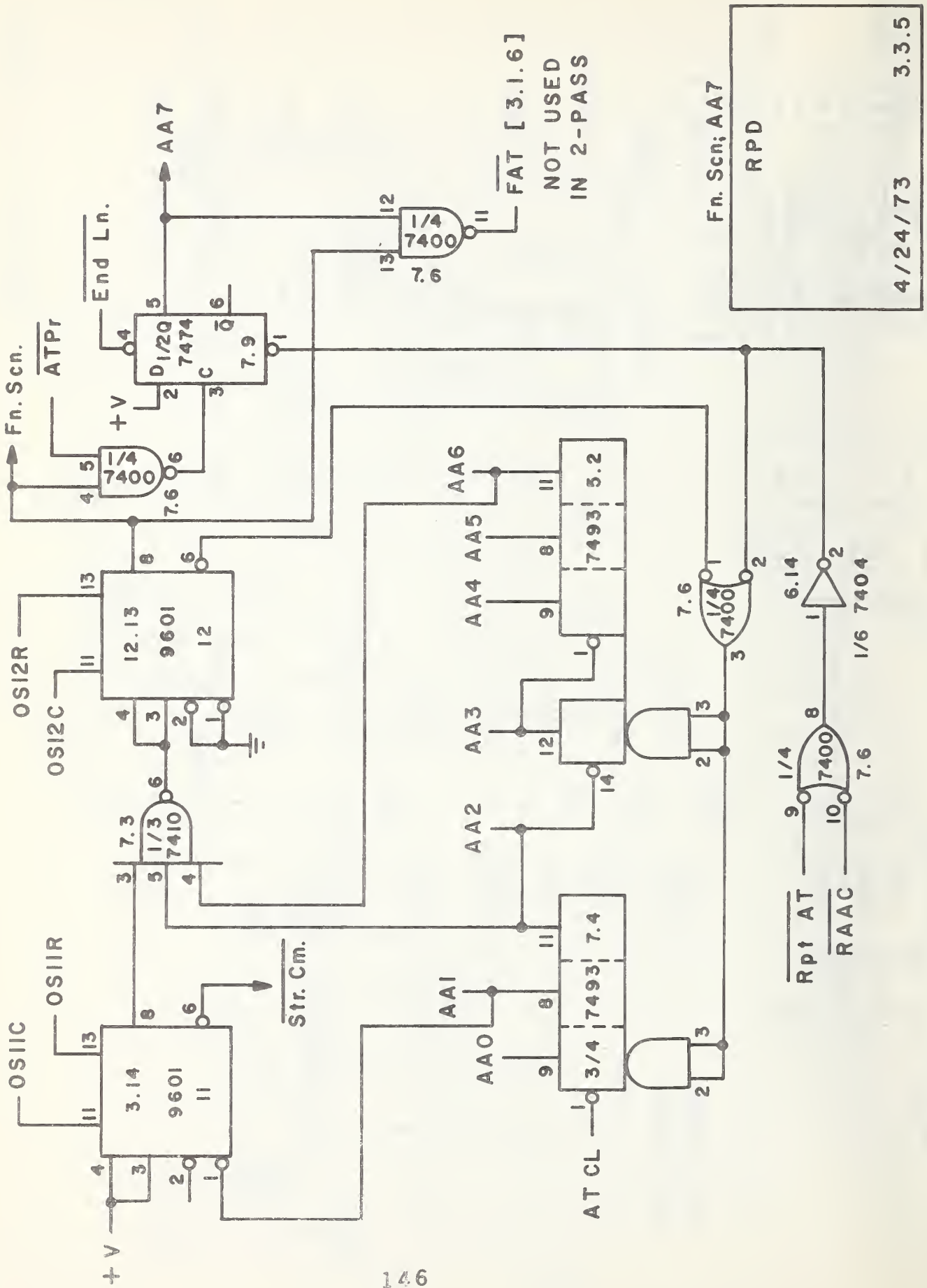
RPD

4-24-73

3.3.2



ATDT	3.3.3
RPD	
MEMORY	
4-24-73	



Fn. Scn; AA7

RPD

FAT [3.1.6]
NOT USED
IN 2-PASS

4/24/73 3.3.5

[13.13.8]

NFAT

ATOK

ATOK

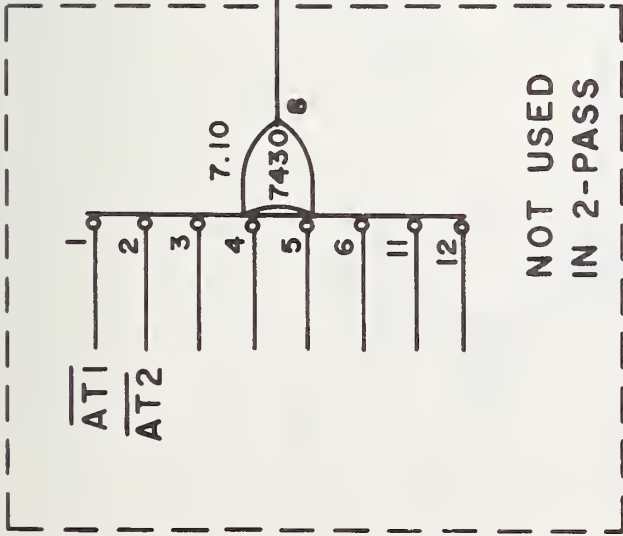
NOT USED IN 2 PASS

ATOK

RPD

5/17/73

3.3.6



7.10

7430

8

AT1
AT2

NOT USED
IN 2-PASS



AT En.
Rpt. AT
Proceed AT

7410

8

7.3

6.11

7402

13

12

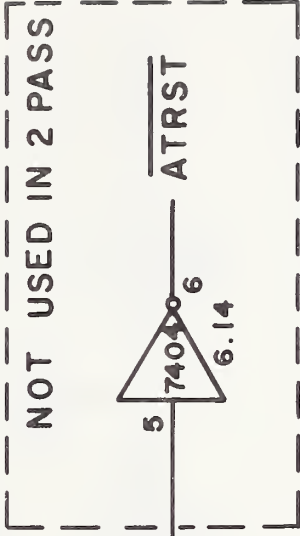
6.11

7402

10

9

8



7404

6

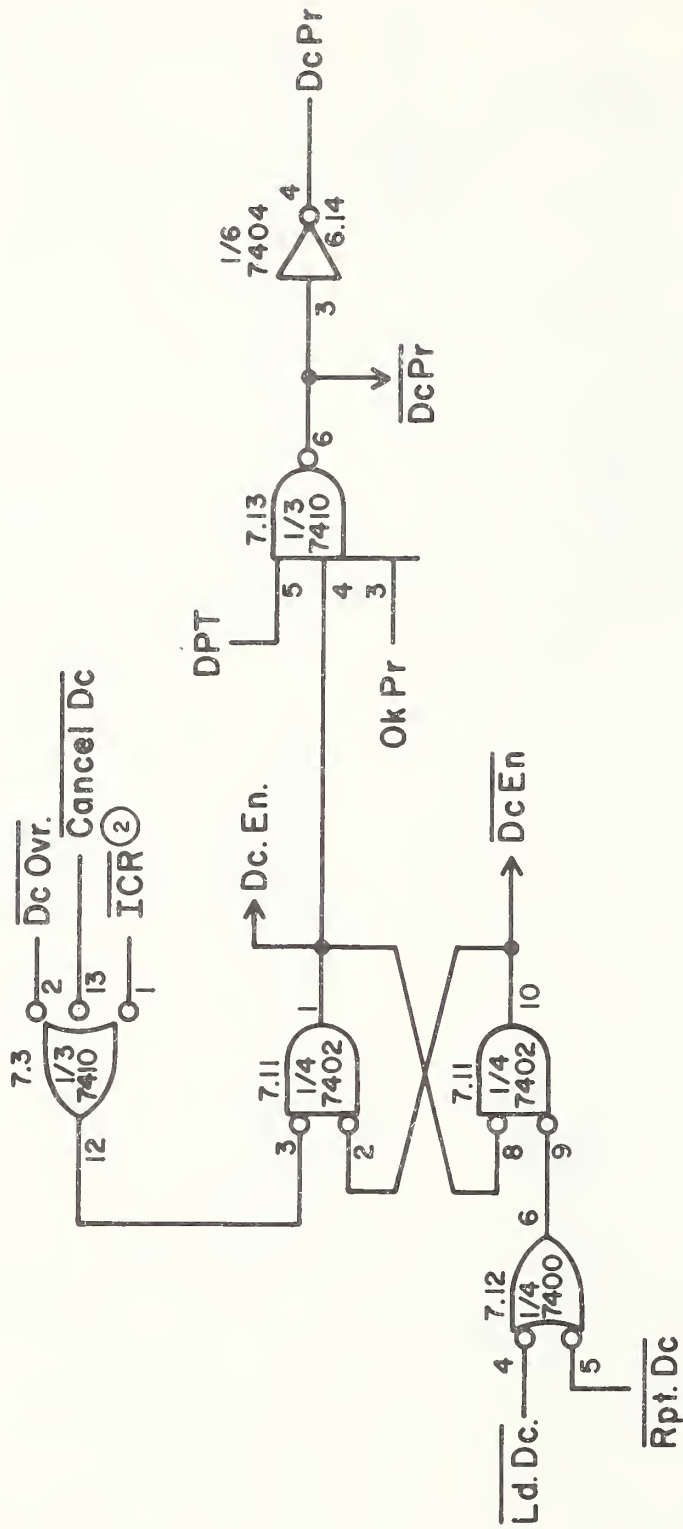
6.14

ATRST

5

6

ATRST

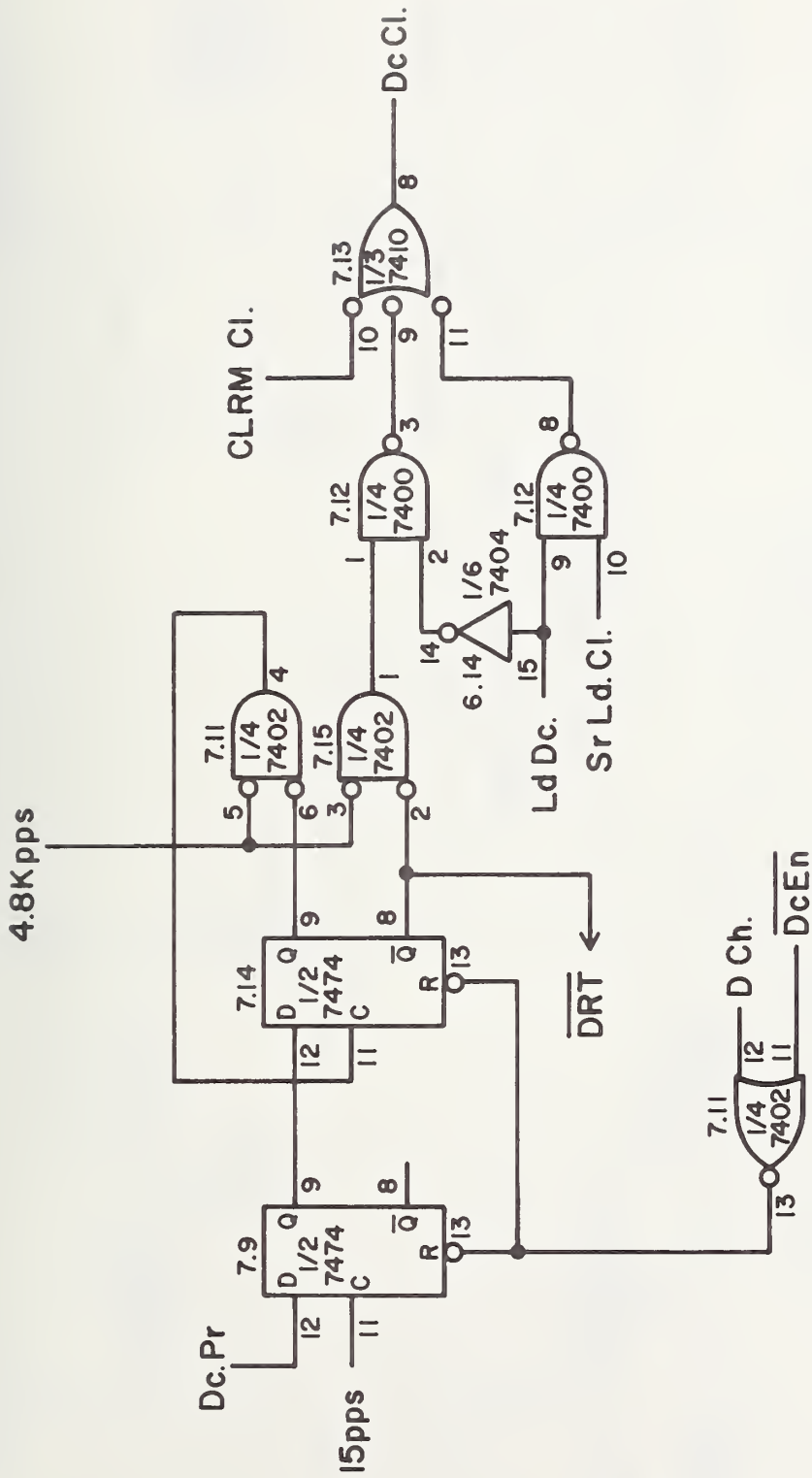


DcEn; DcPr

RPD

4-24-73

3.4.1

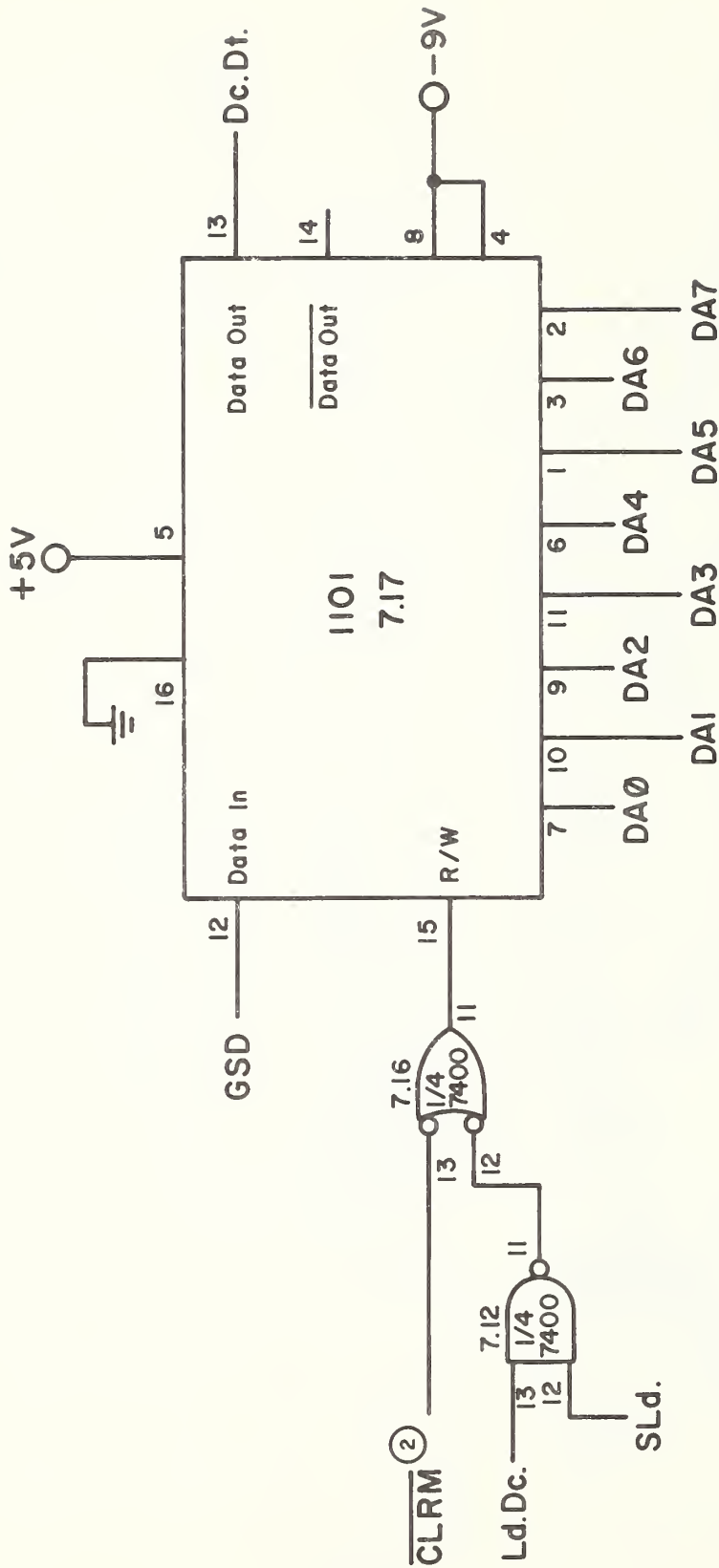


Dc Cl.

RPD

4-24-73

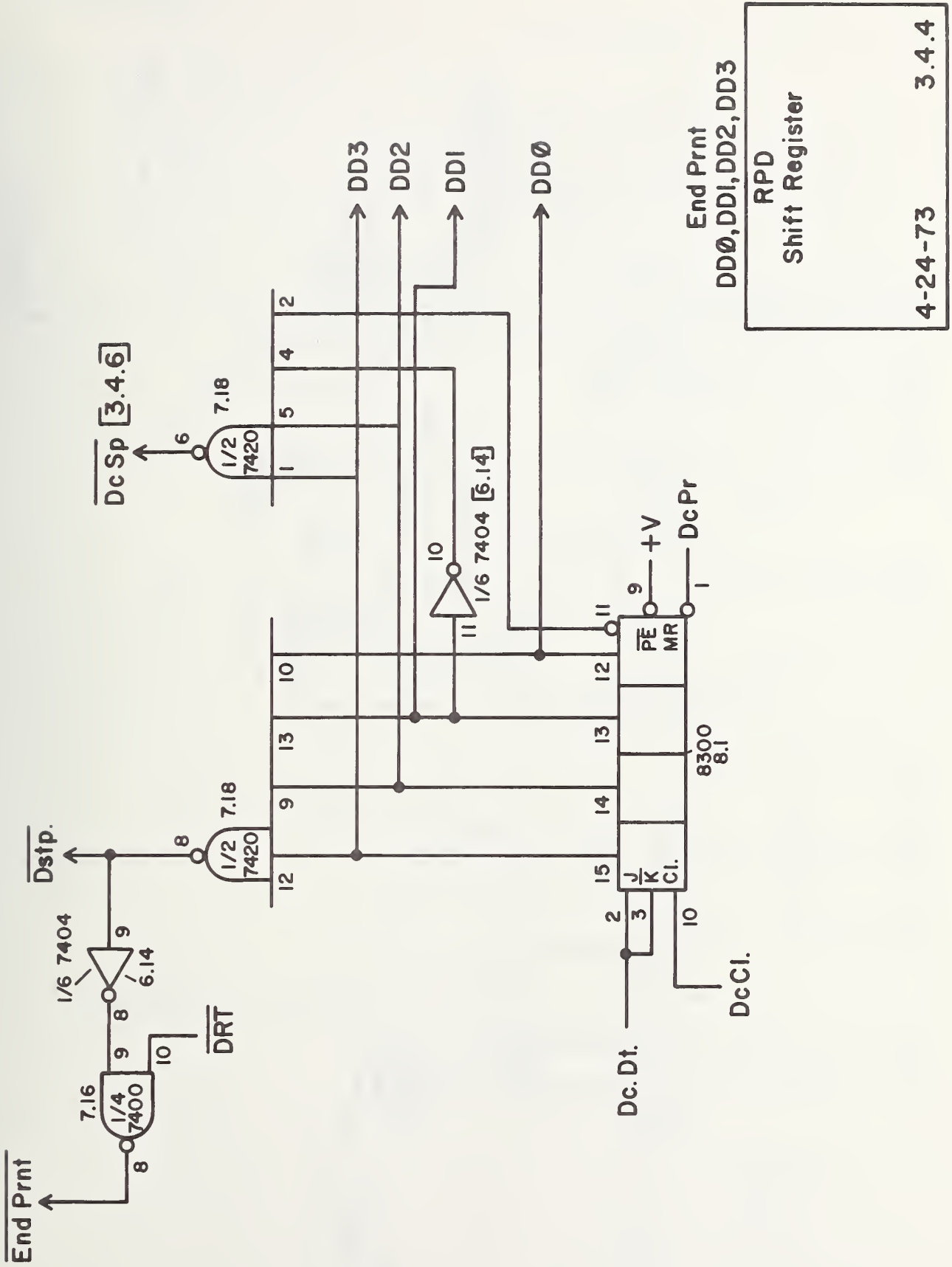
3.4.2



Dc. Dt.

RPD
Memory

5-15-72 3.4.3

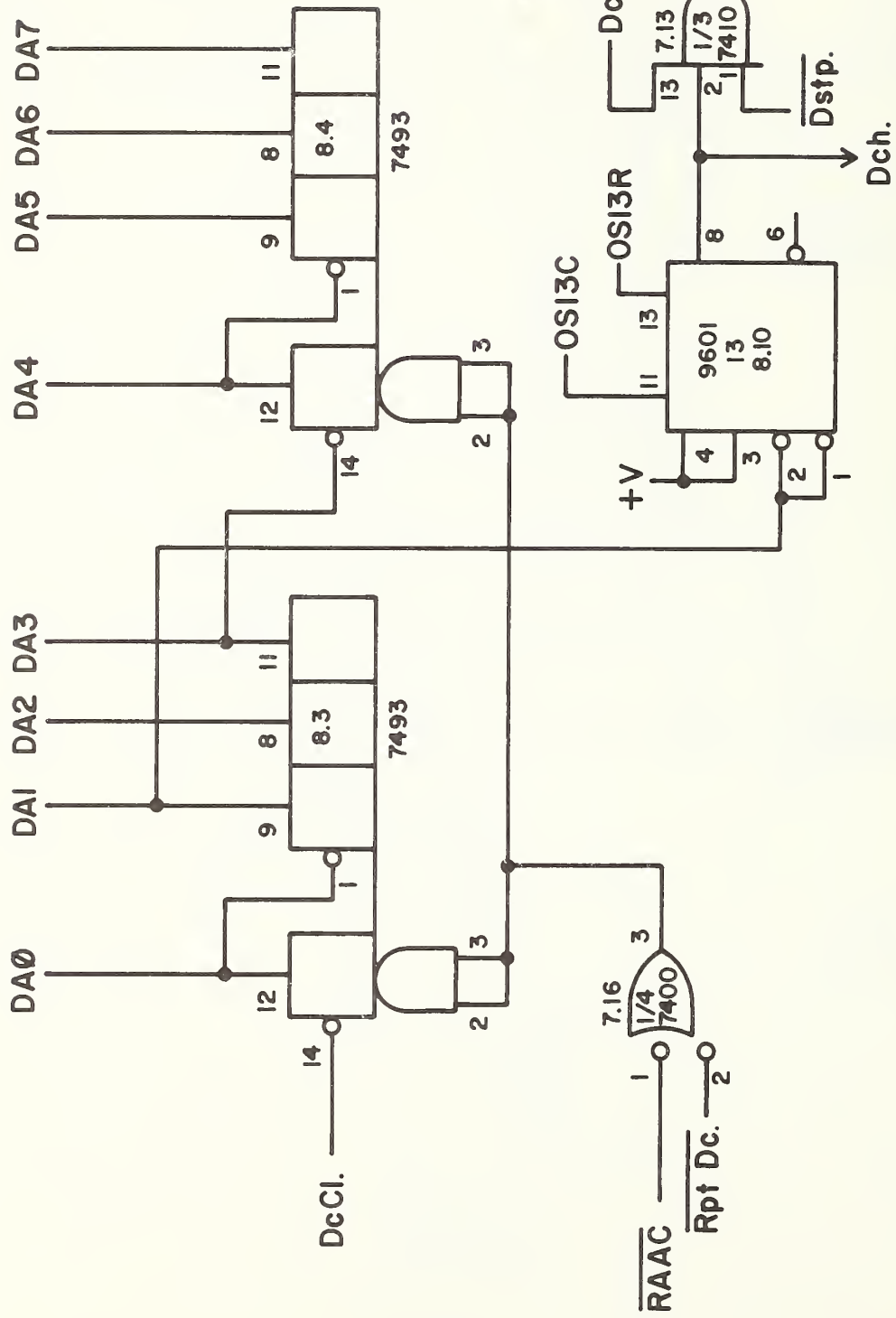


End Prnt
DD0, DD1, DD2, DD3

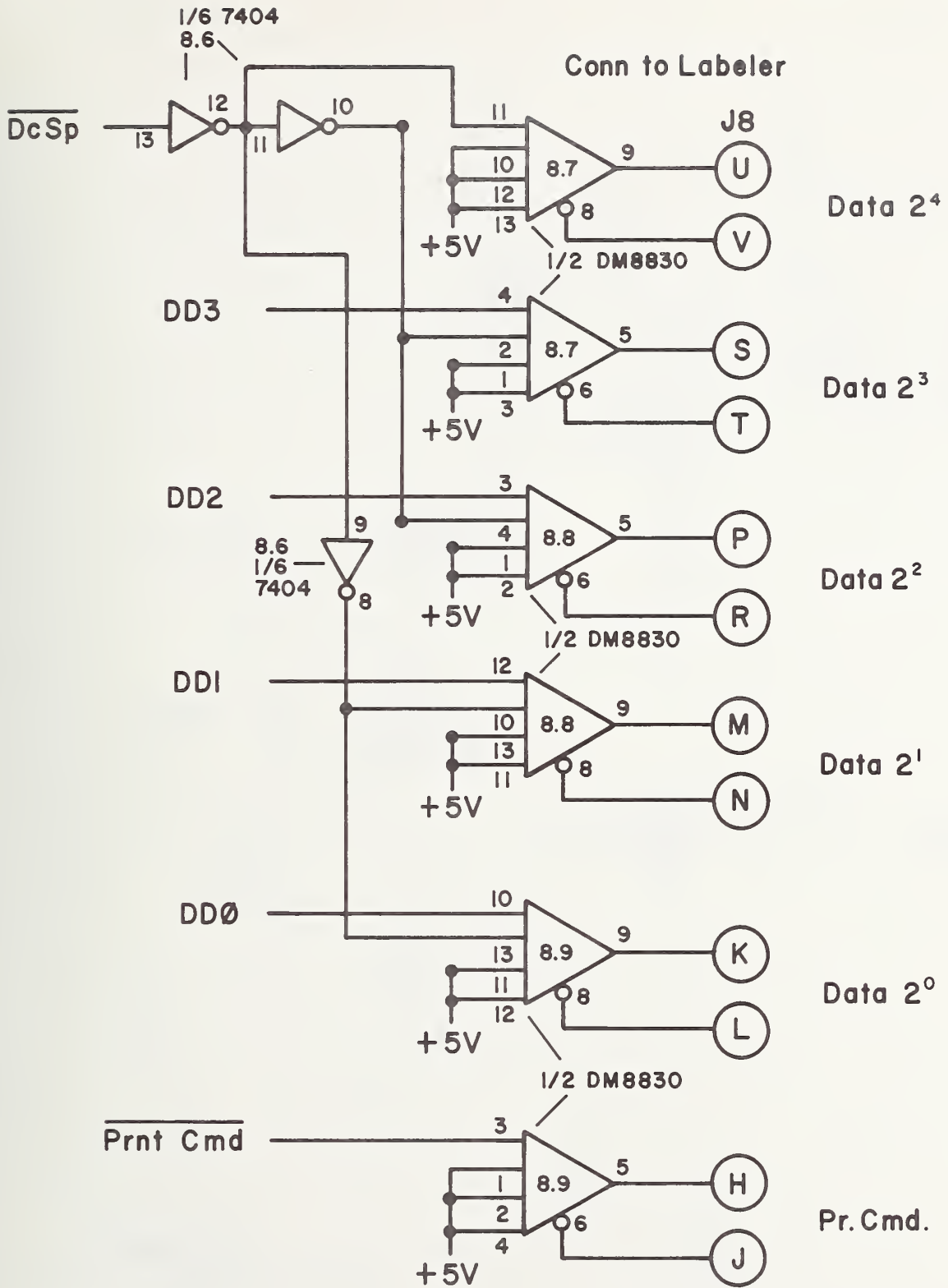
RPD
Shift Register

4-24-73

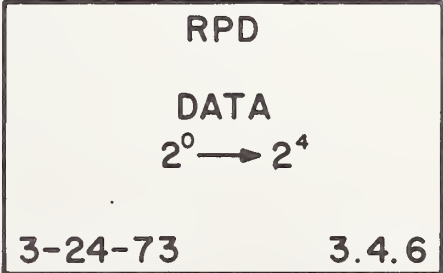
3.4.4

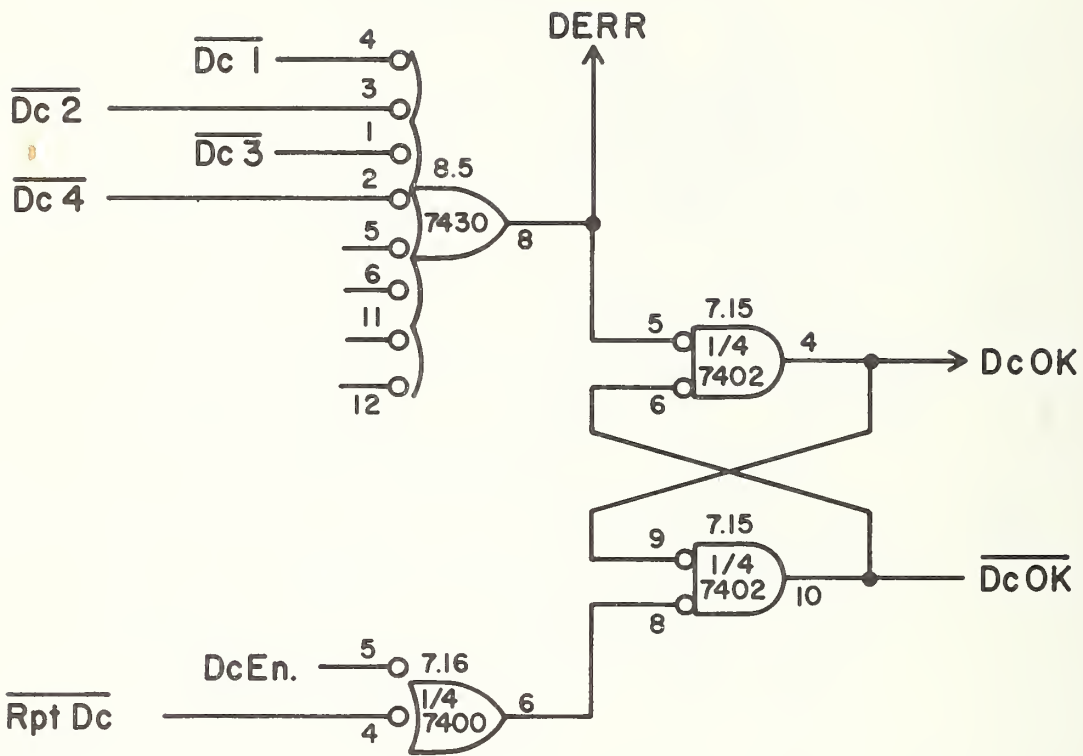


RPD
 Address Counter
 4-24-73 3.4.5



Pr. Cmd.



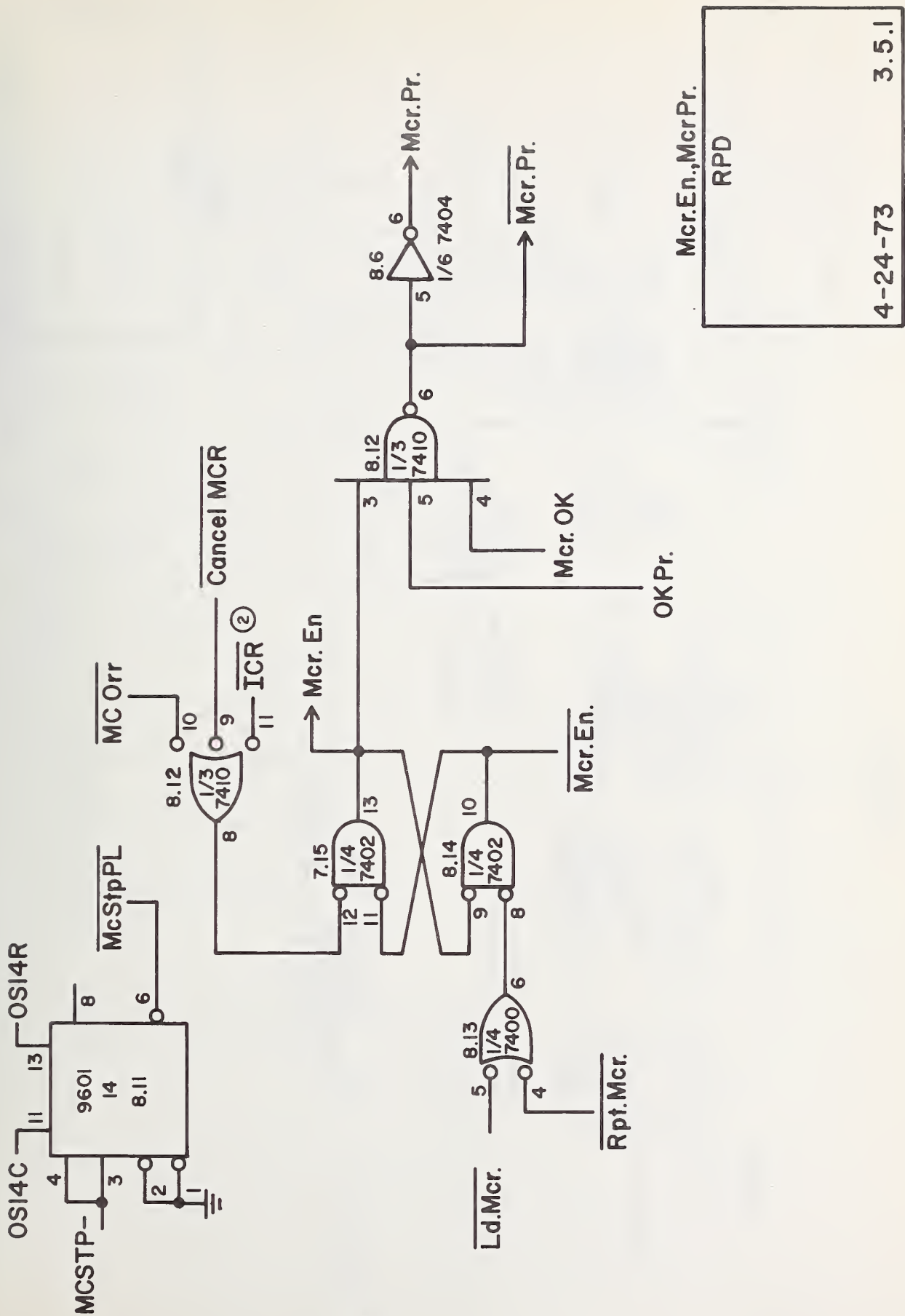


DcOK, DERR

RPD

4-24-73

3.4.7

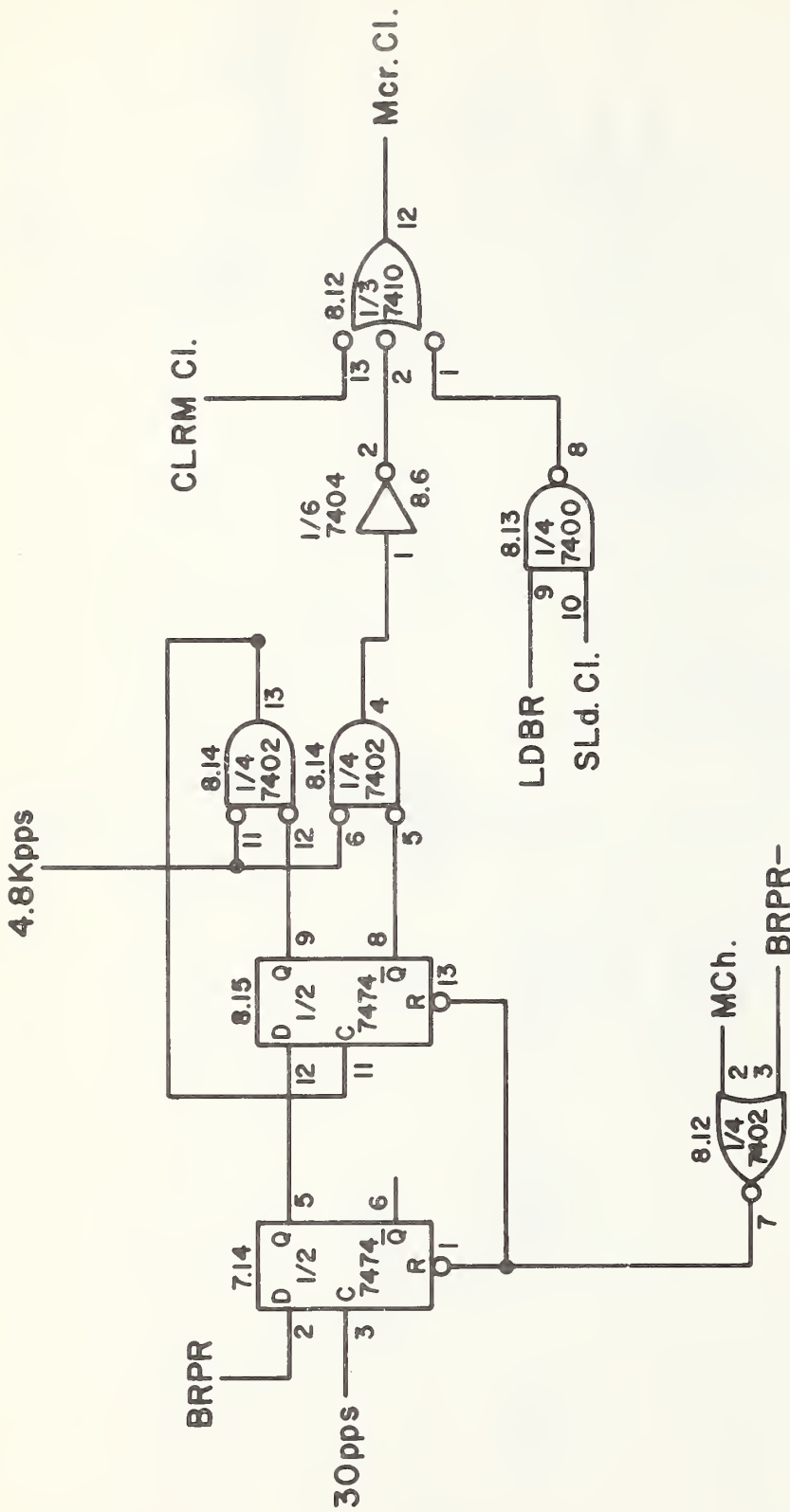


Mcr.En.,Mcr.Pr.

RPD

4-24-73

3.5.1

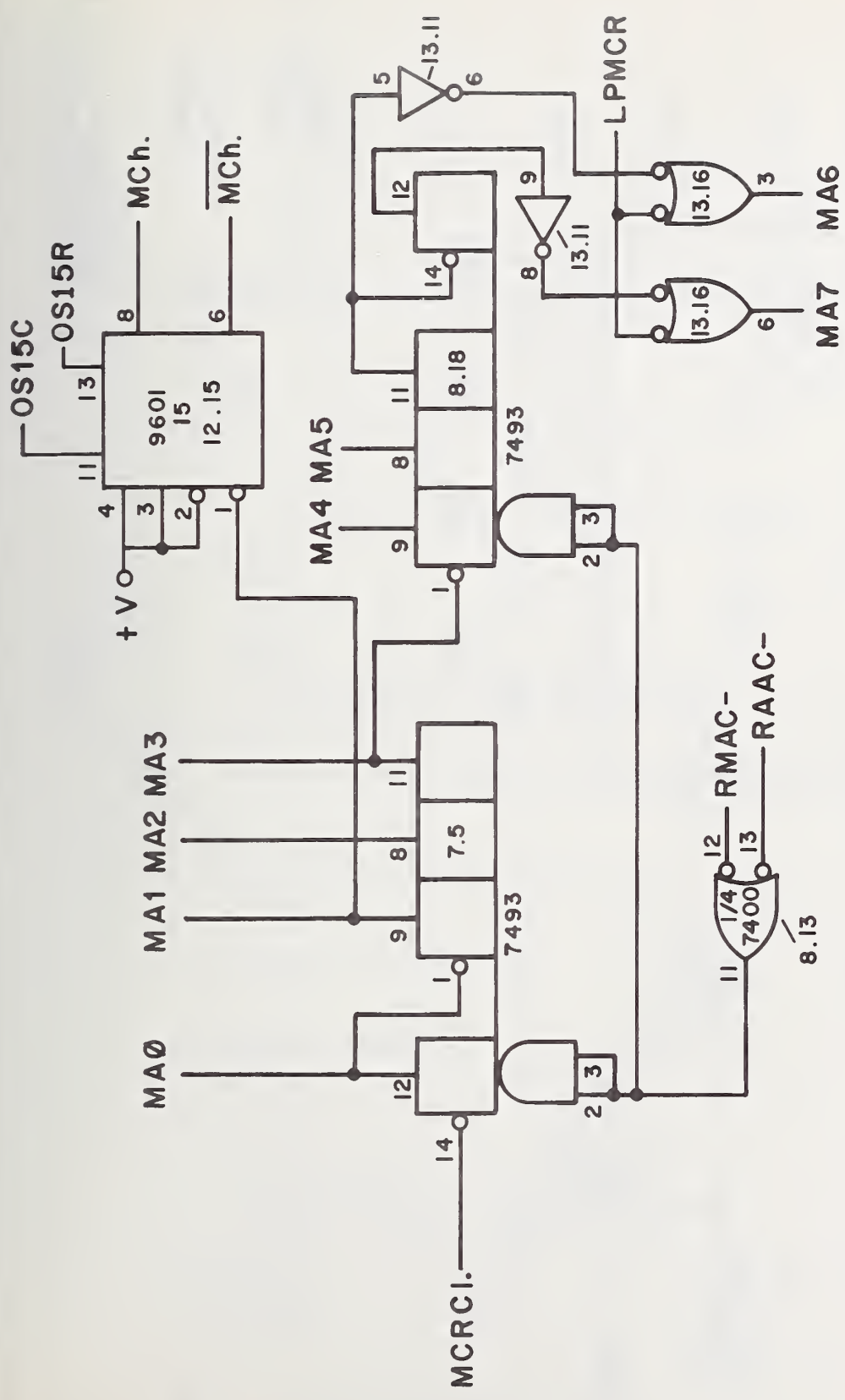


MCR CI.

RPD

3-9-73

3.5.2

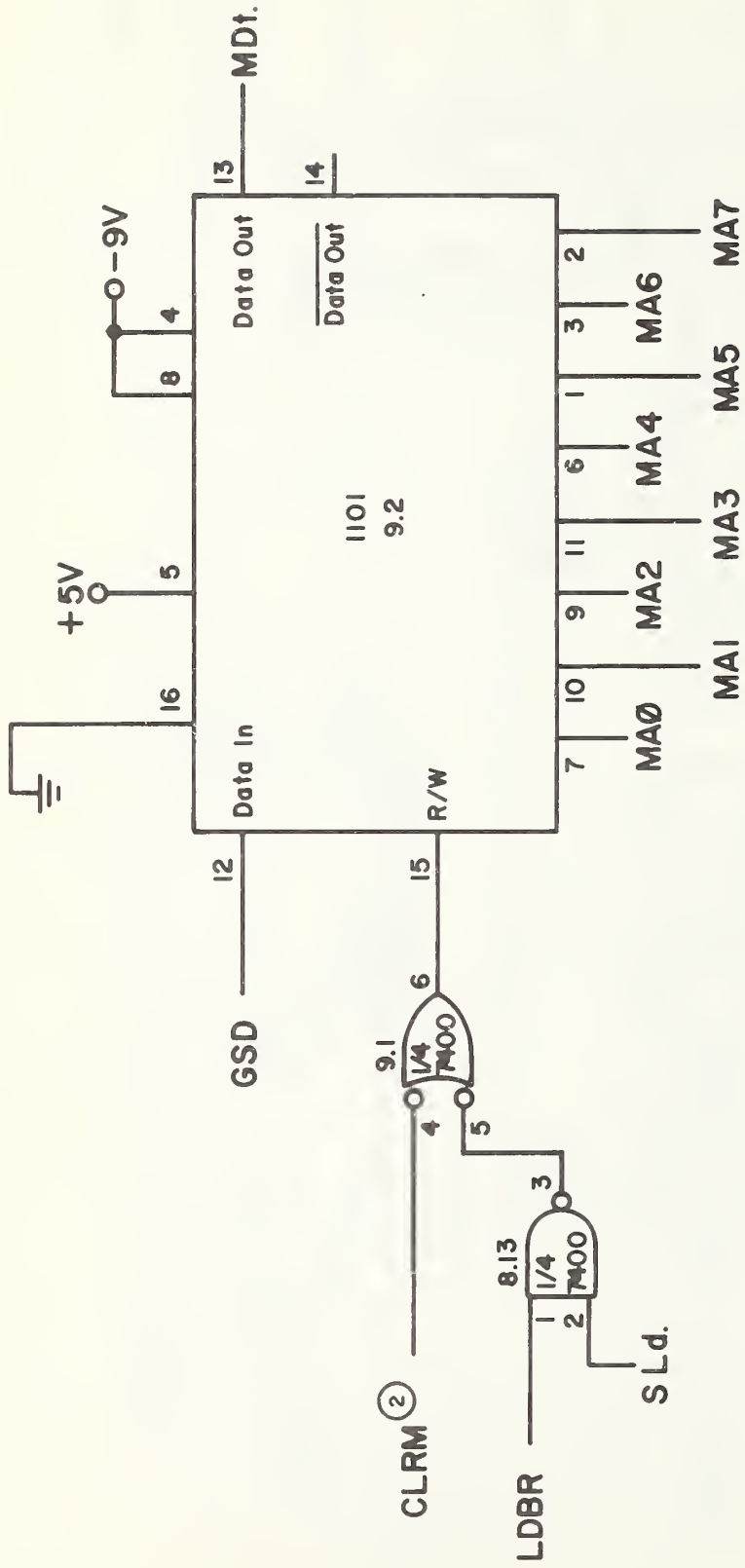


MA0 → MA6

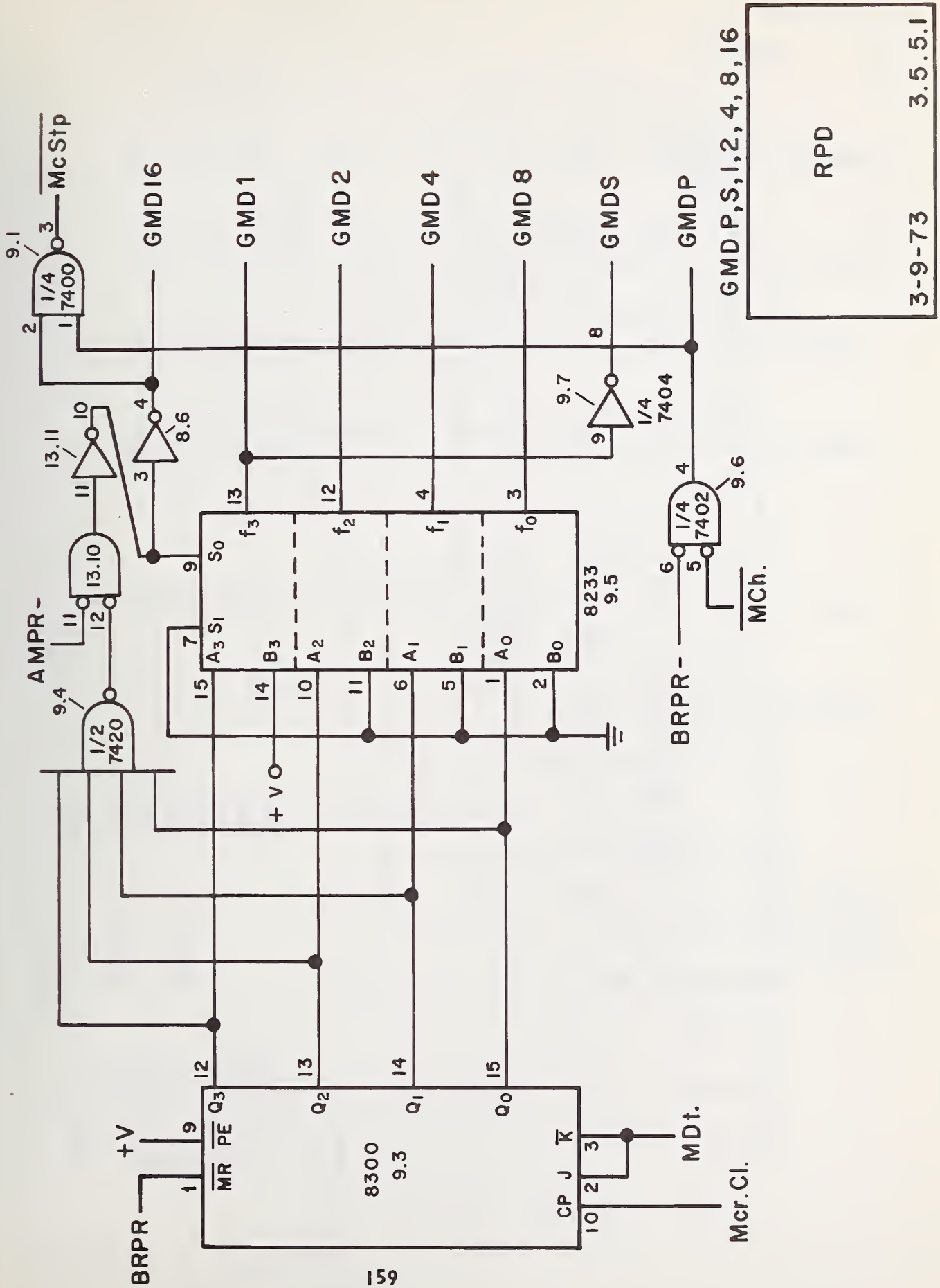
RPD

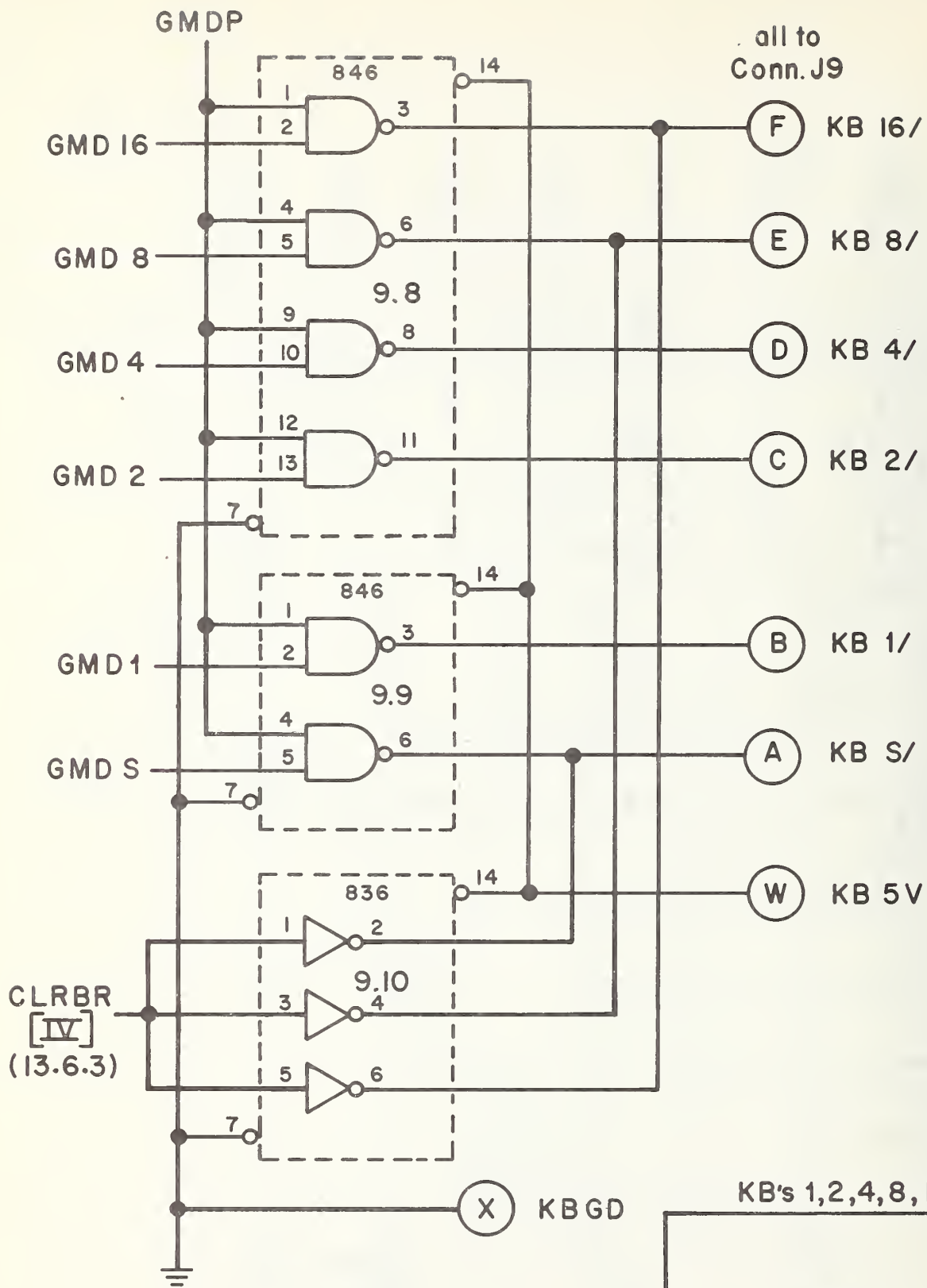
ADDRESS COUNTER

3-9-73 3.5.3



MDt.	
RPD	
Memory	
3-9-73	3.5.4



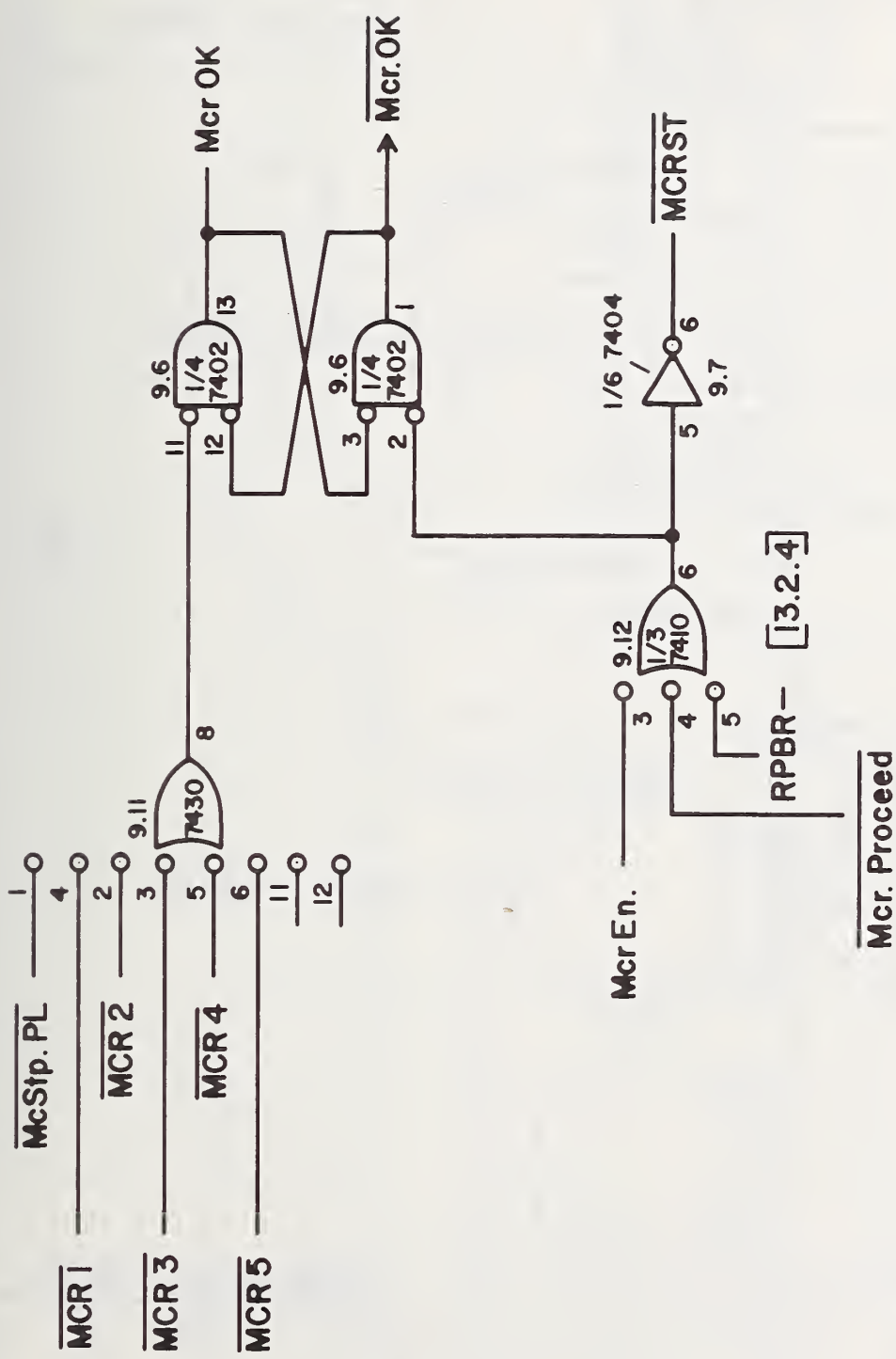


160

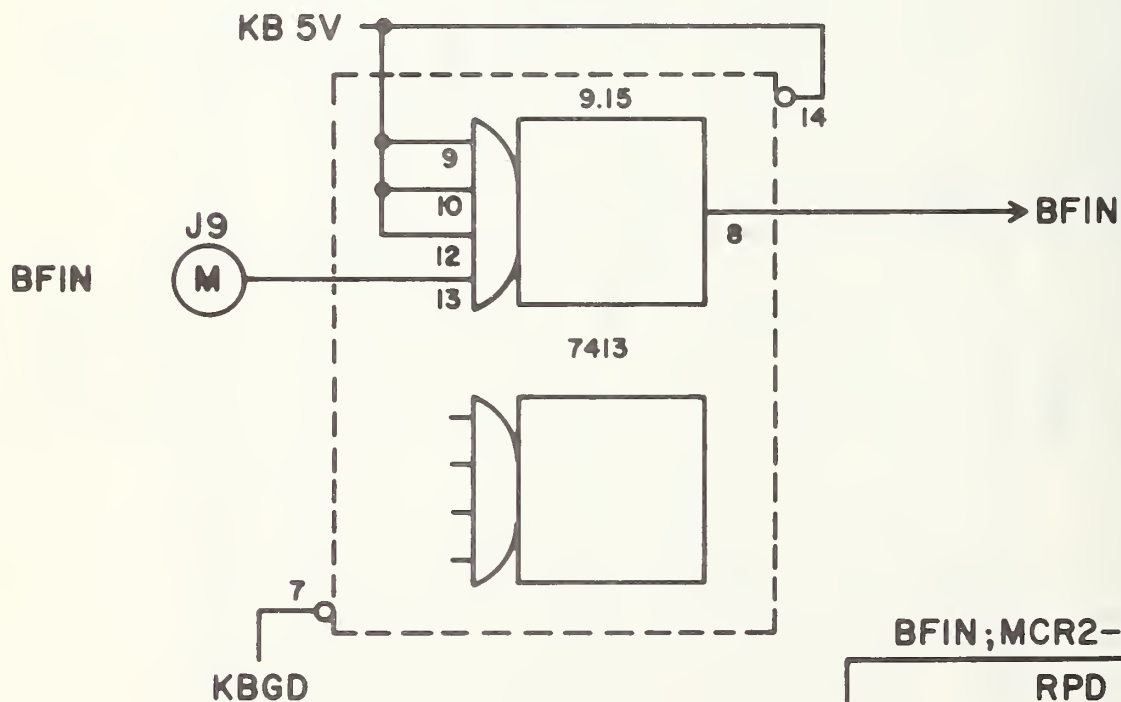
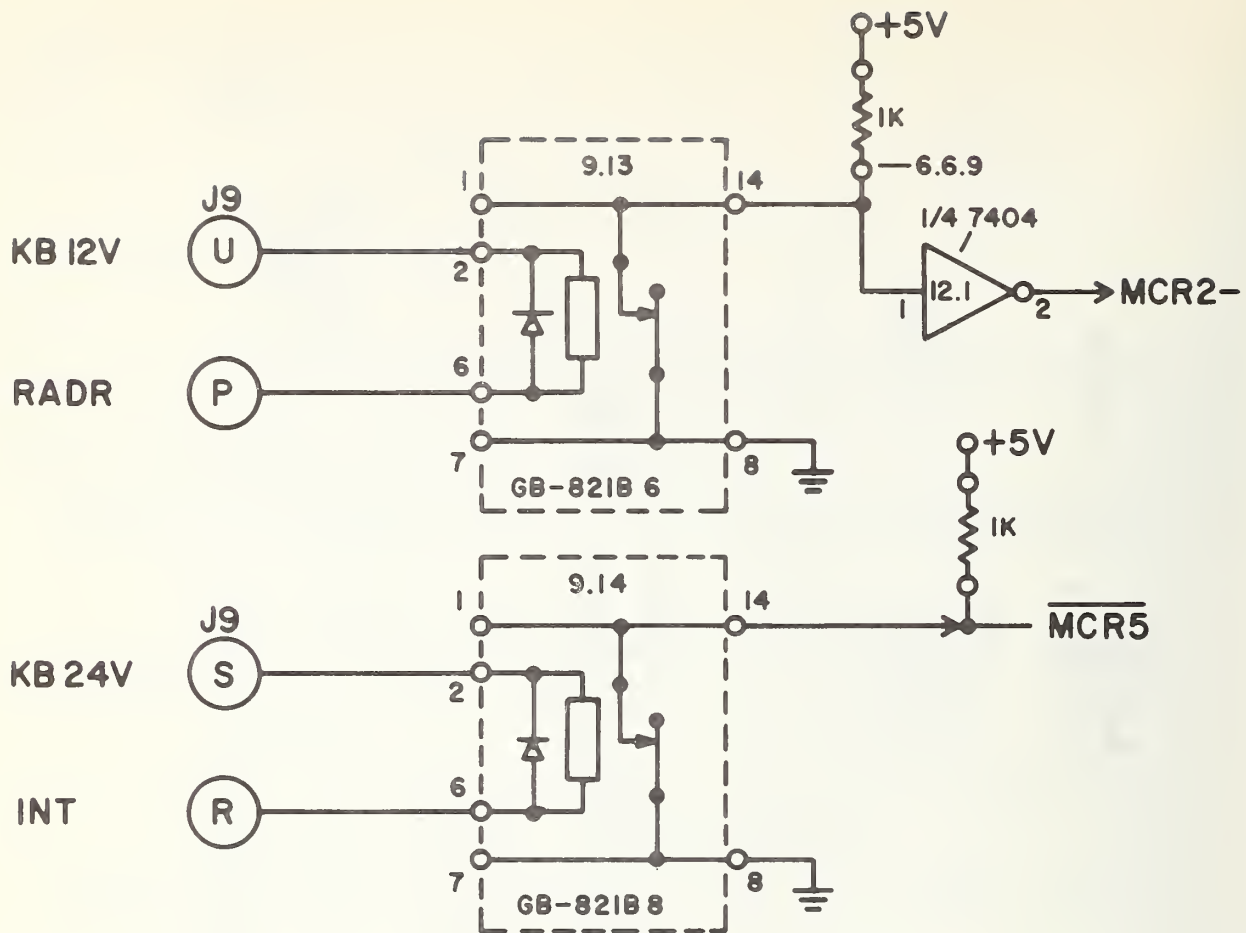
KB's 1,2,4,8,16

RPD

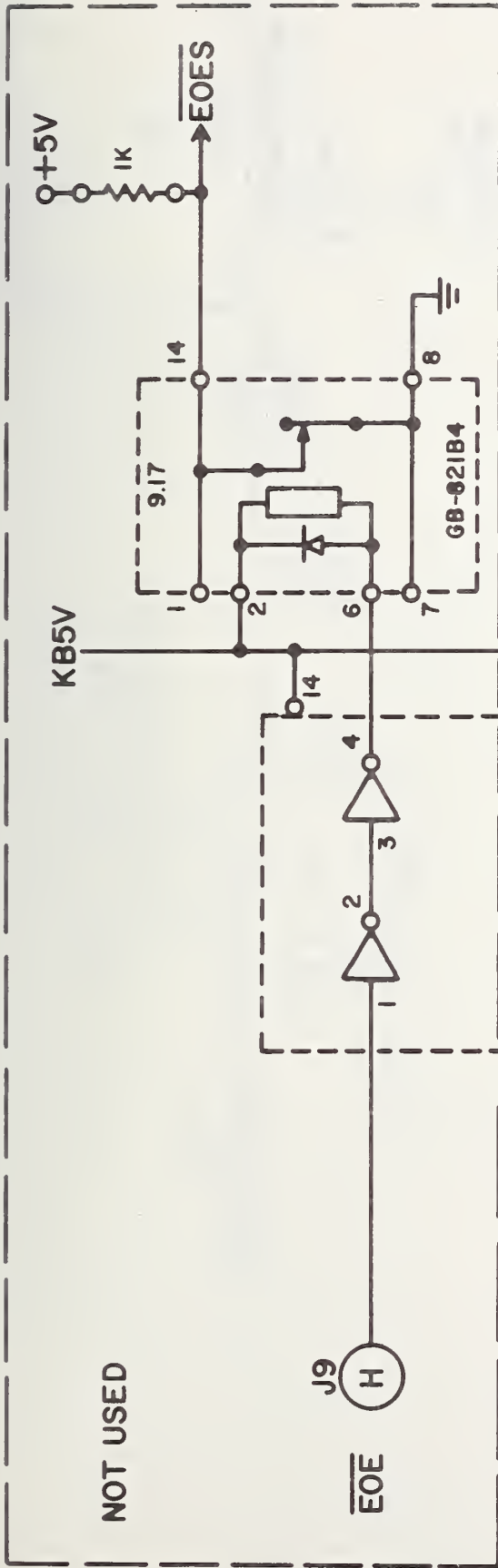
5-25-73 3.5.5.2



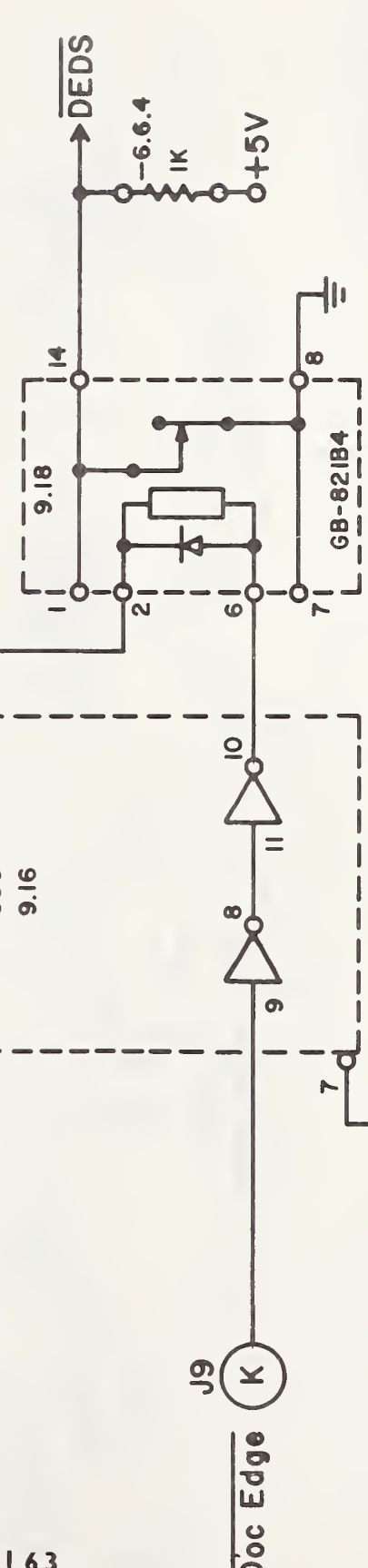
Mcr.OK	
RPD	
5-25-73	3.5.6



BFIN; MCR2-; MCR5
 RPD
 5-25-73 3.5.7



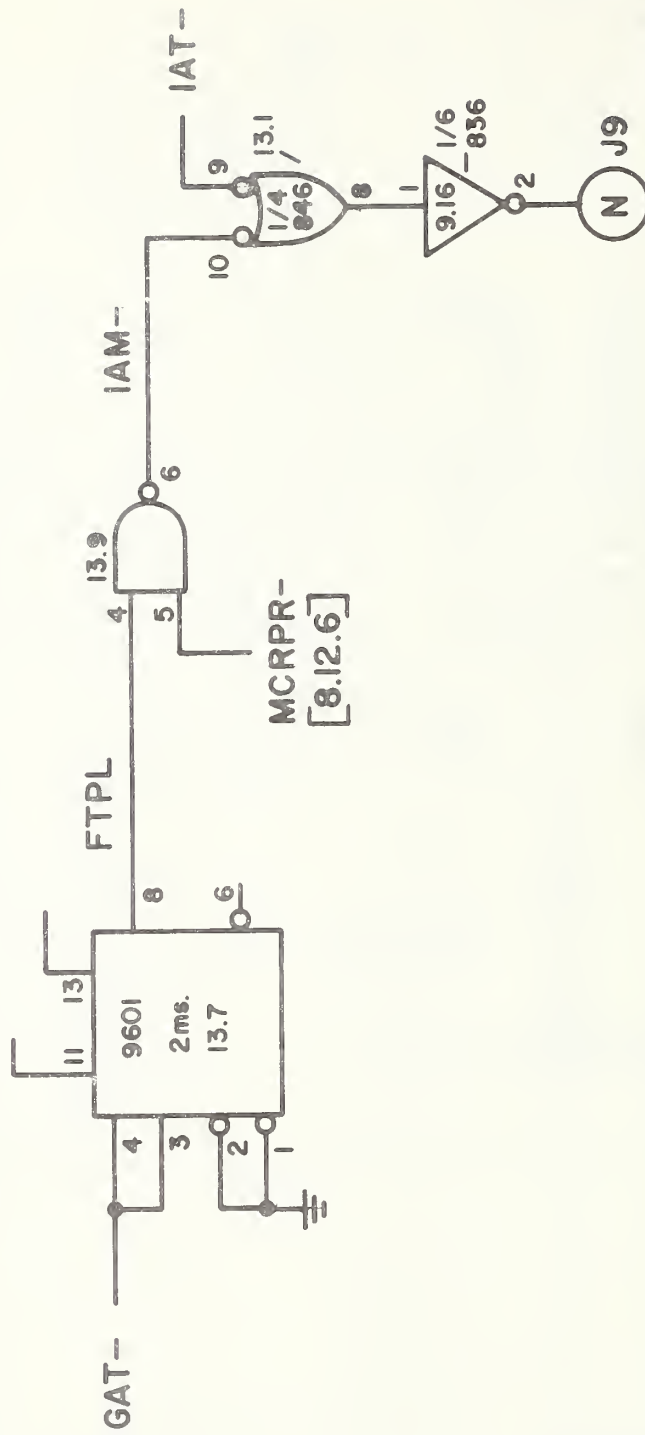
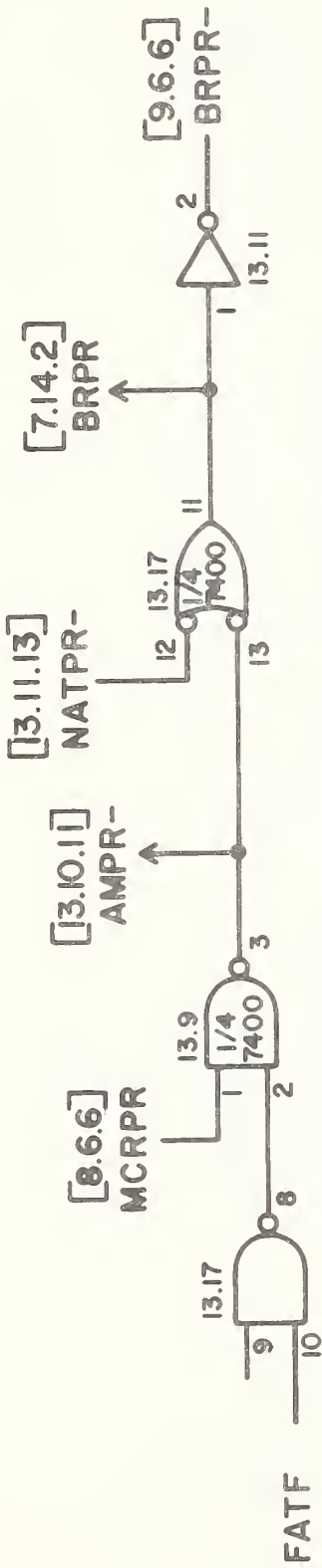
836
9.16



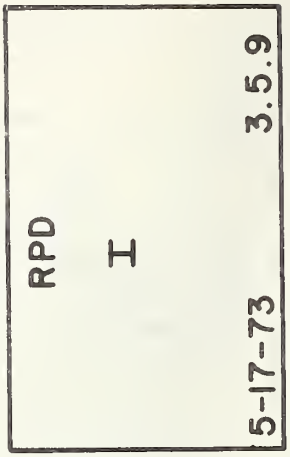
EOES;DEDS

RPD

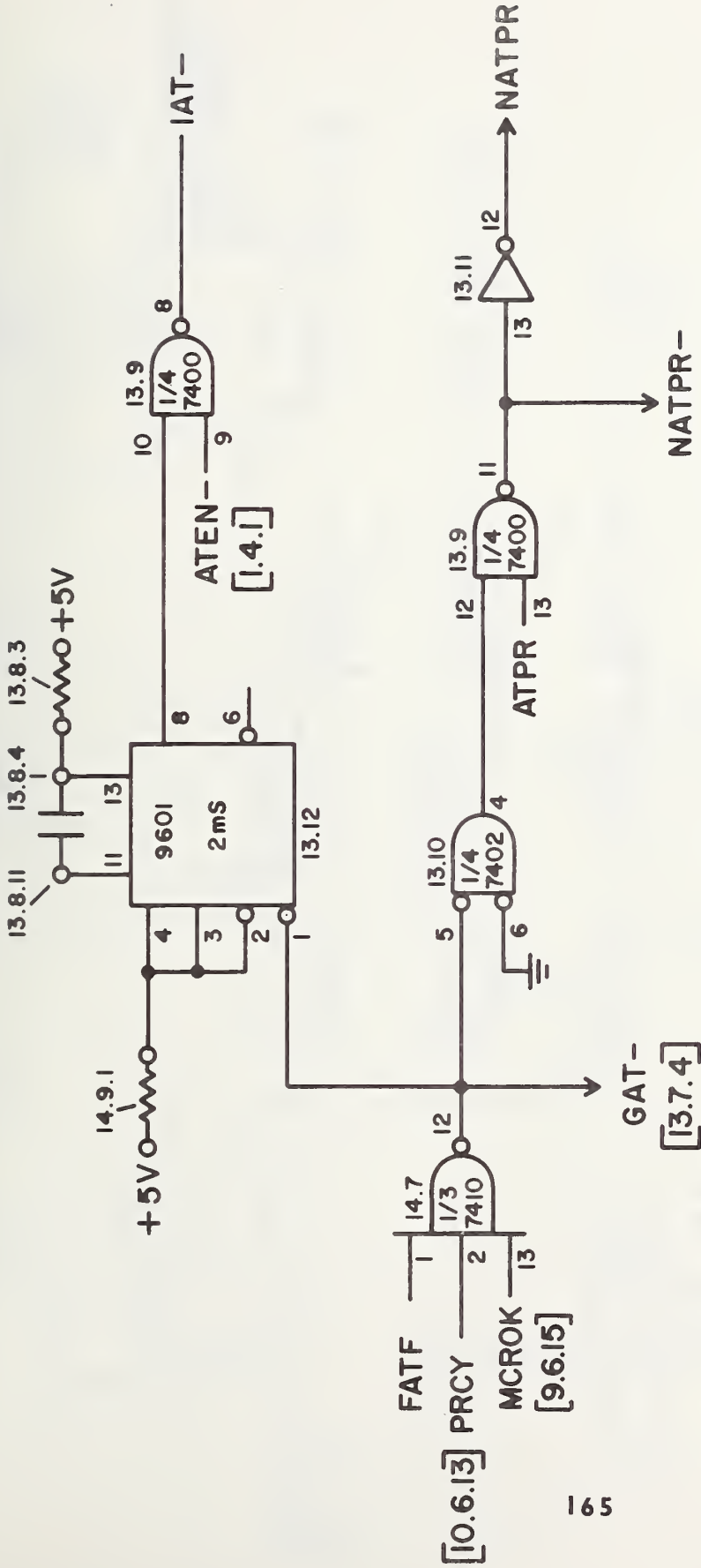
9-24-73 3.5.8



BRPR-; IAM

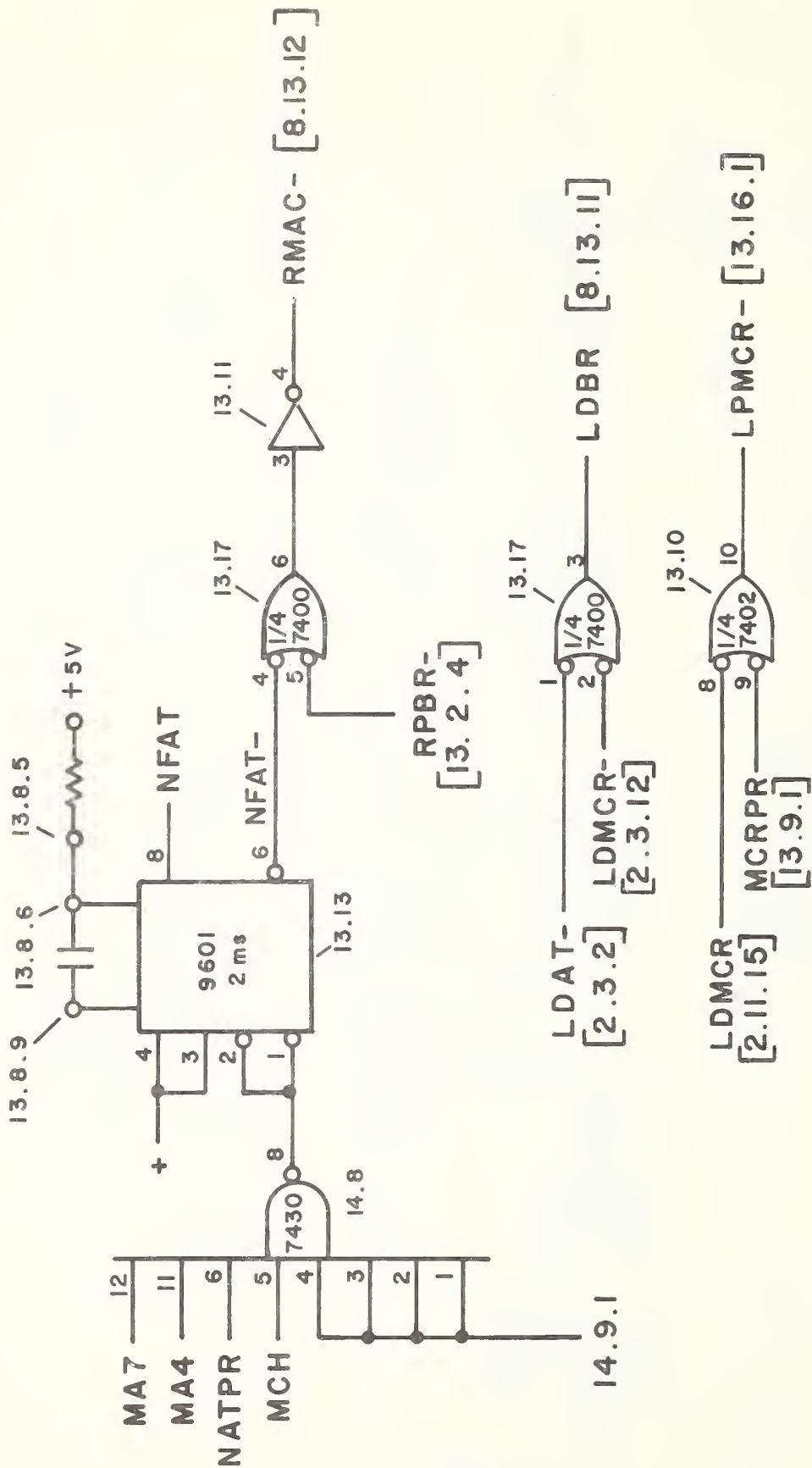


5-17-73 3.5.9



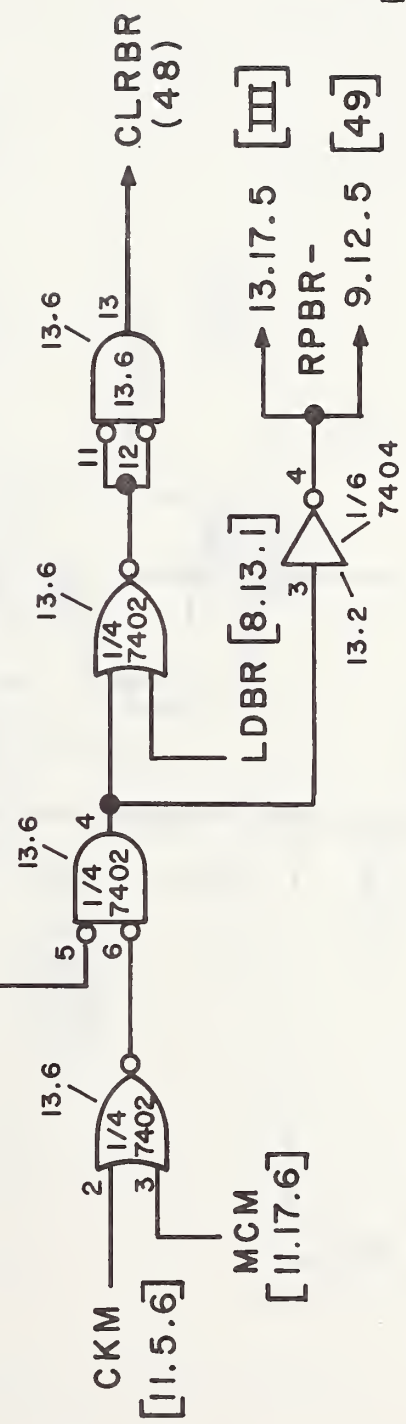
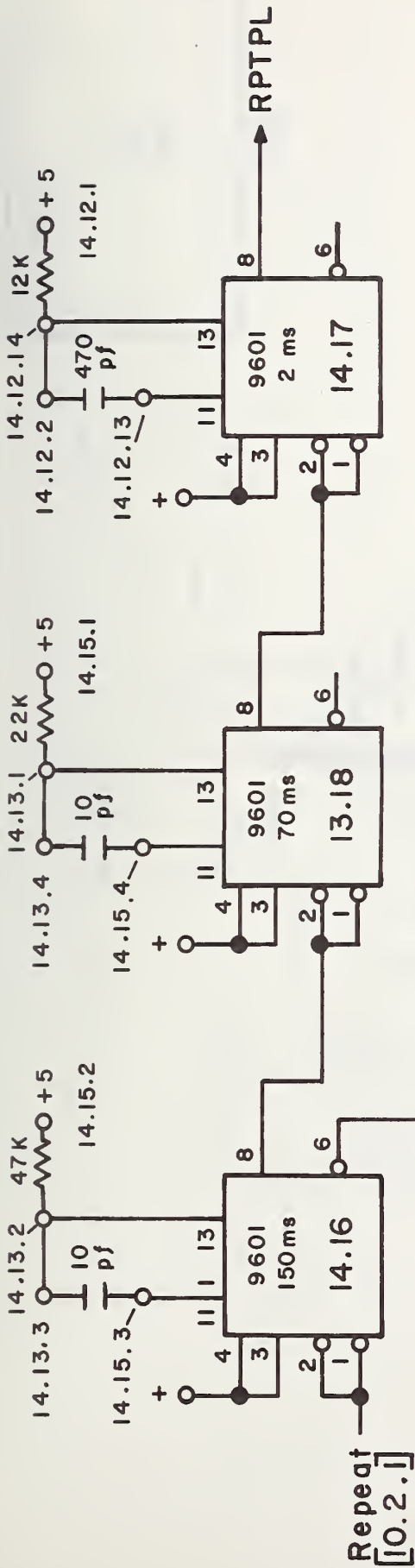
IAT; NATPR; GAT
RPD
II

5-17-73 3.5.10



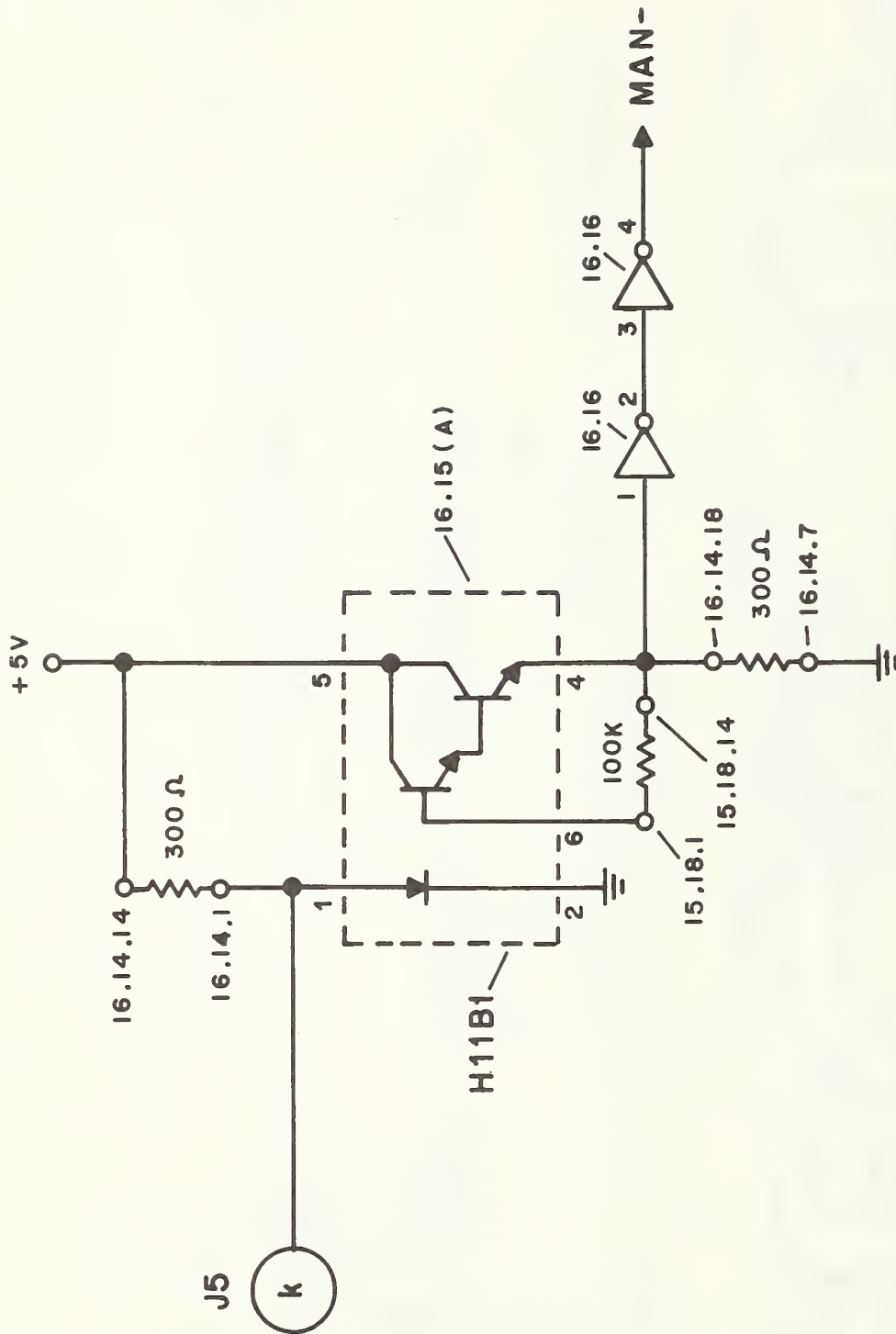
NFAT; RMAC;
LDBR; LPMCR

RPD
III
5-25-73 3.5.11



RPTPL; CLRBR; RPBR

RPD
IV
5-25-75 3.5.12

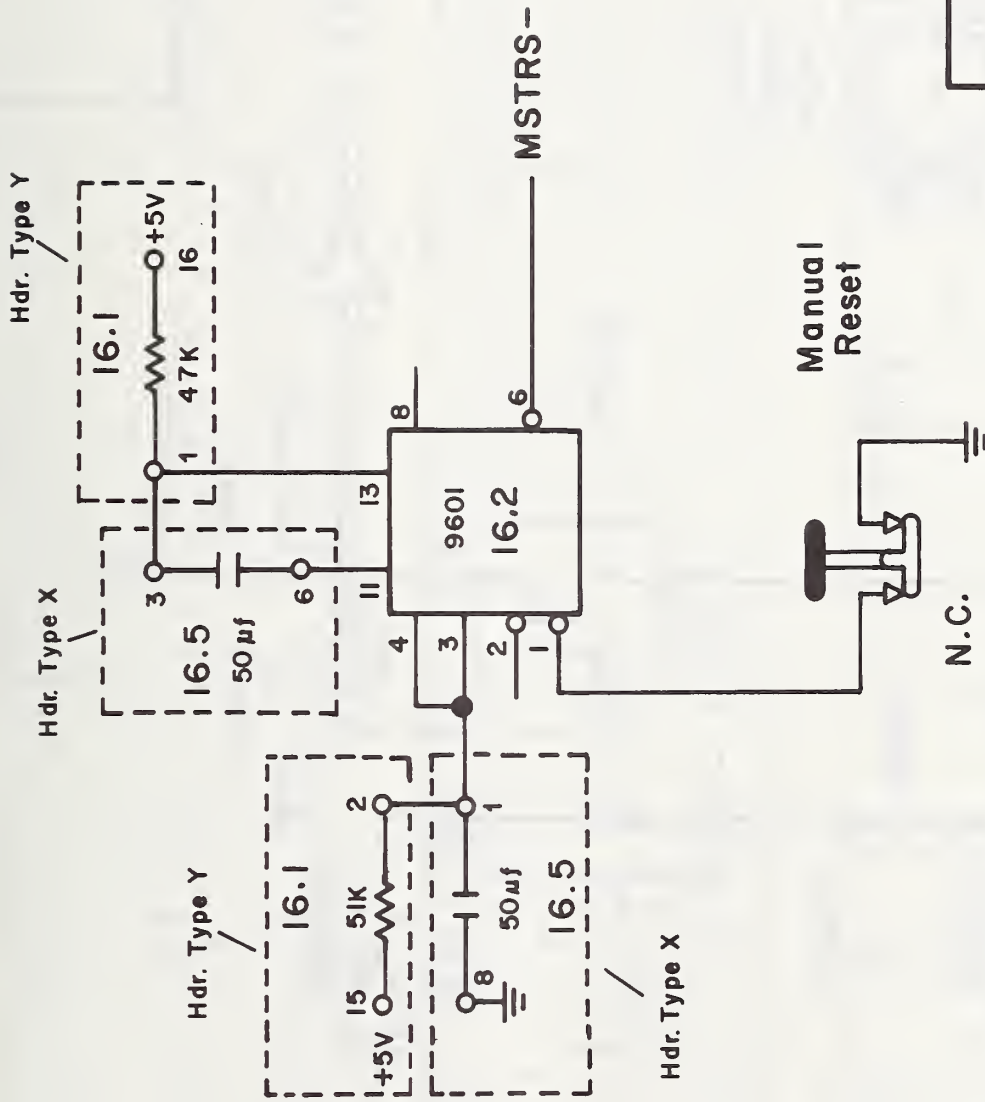


MAN

RPD
V

4-25-73

3.5.13

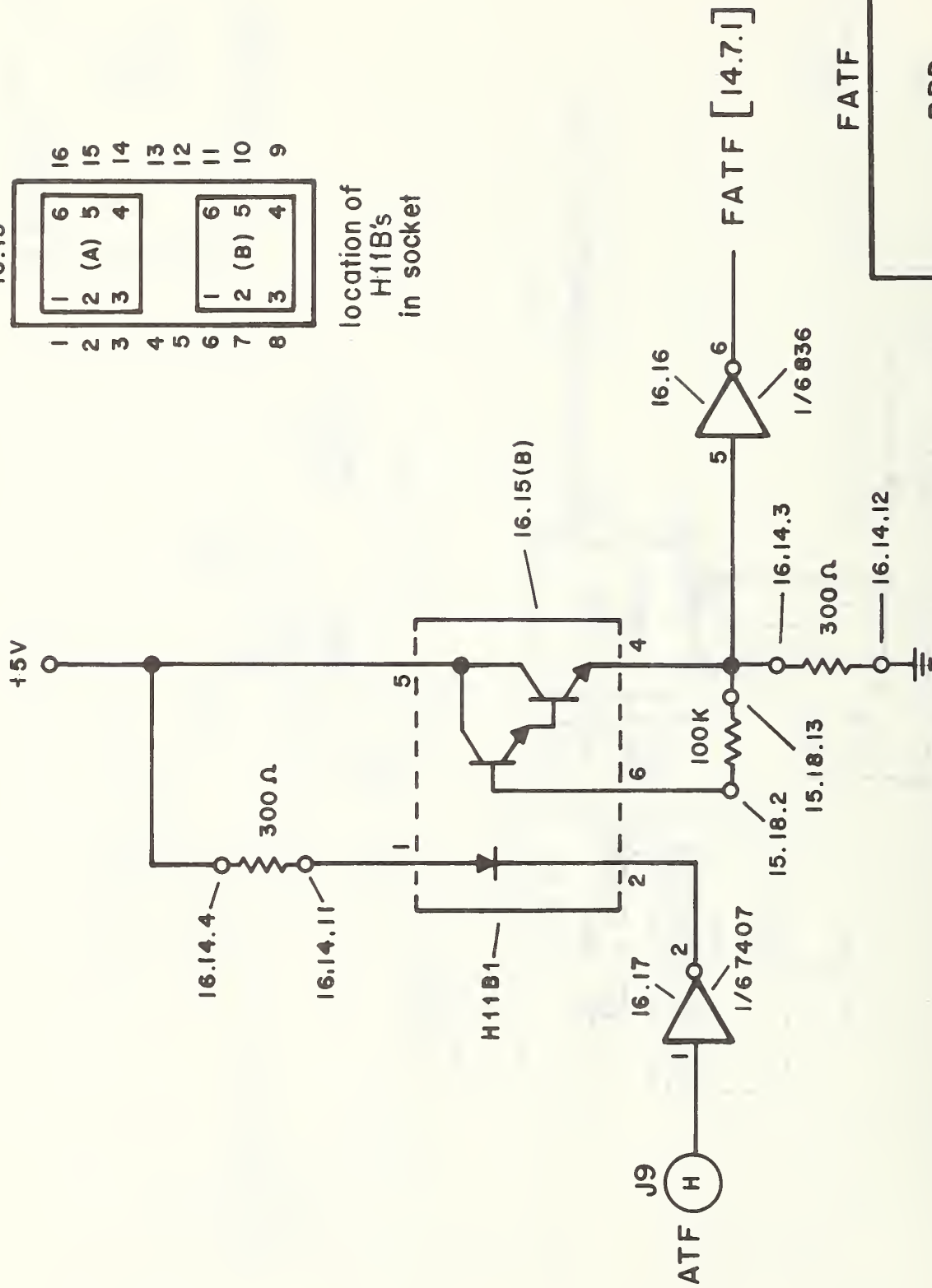
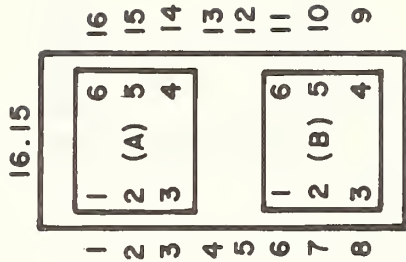


MSTRS--

RPD
VI

5-17-73

3.5.14



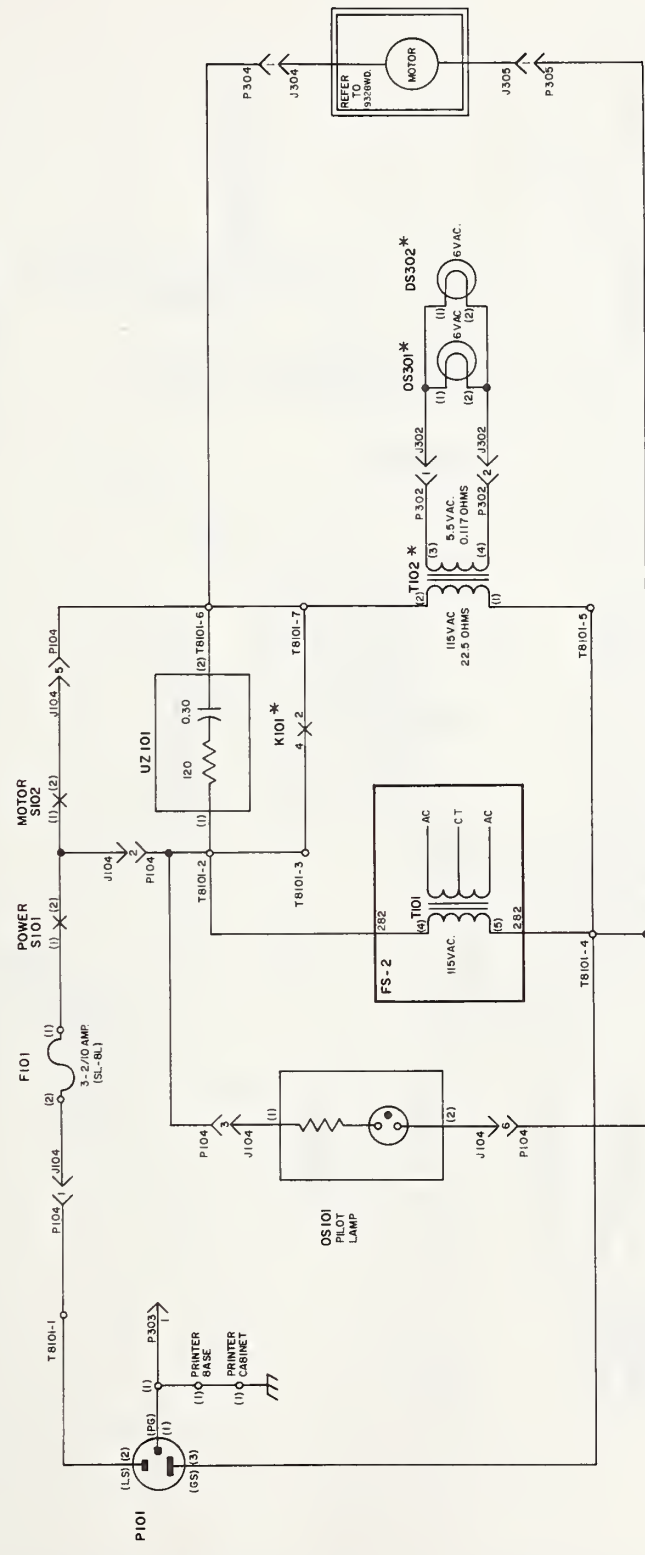
FATF

RPD VII	
4-4-73	3.5.15

5.0 TELETYPE MODIFICATIONS

NOTE
* - INDICATES OPTION
(NOT USED)

FS-1 AC POWER CIRCUITS

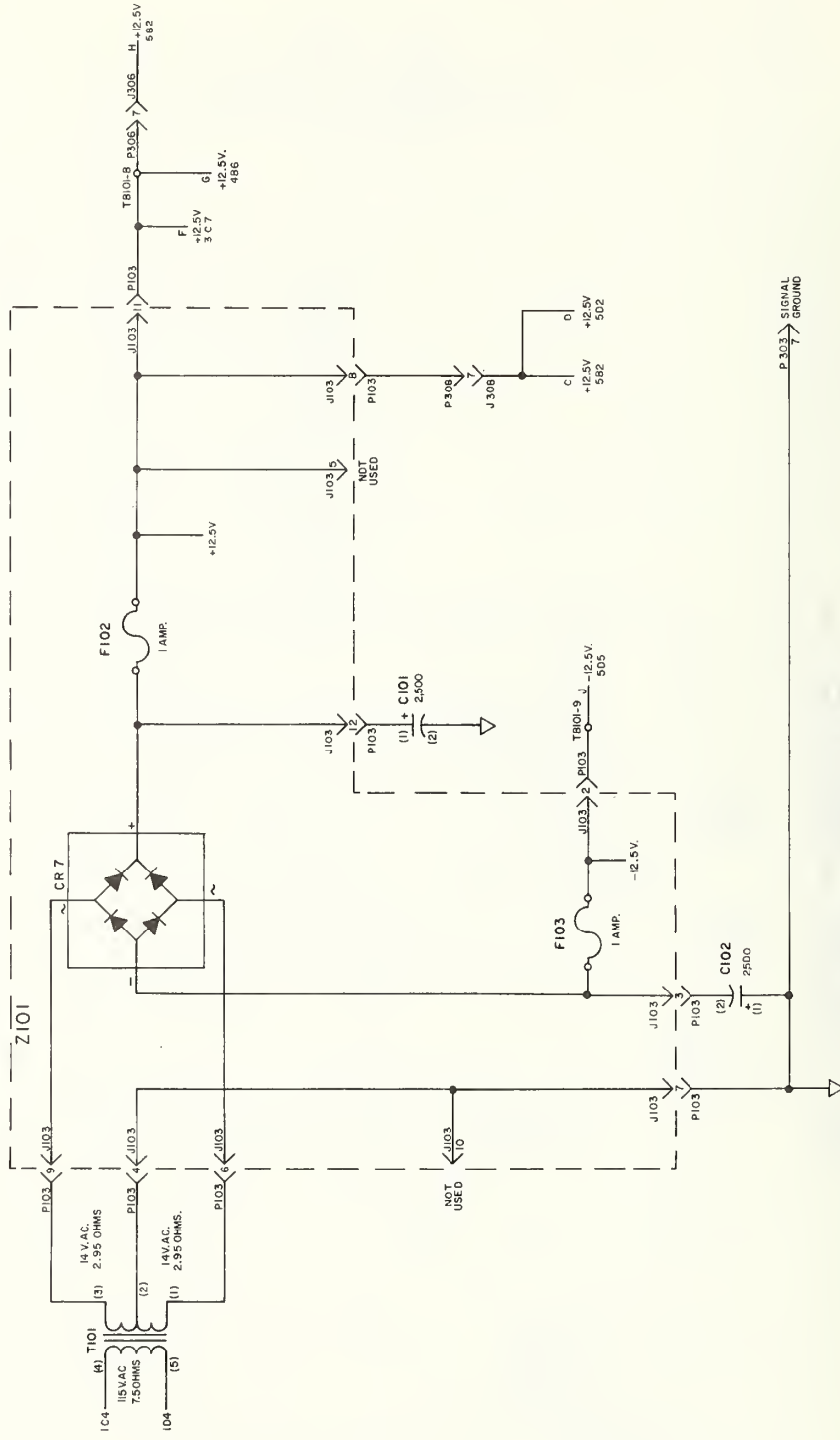


DWG. NO. 5.1 DATE: 4/23/74

	MODEL 37 P.C. (YESU628)
	1022SD-BI

FS-2

DC POWER SUPPLY CIRCUITS

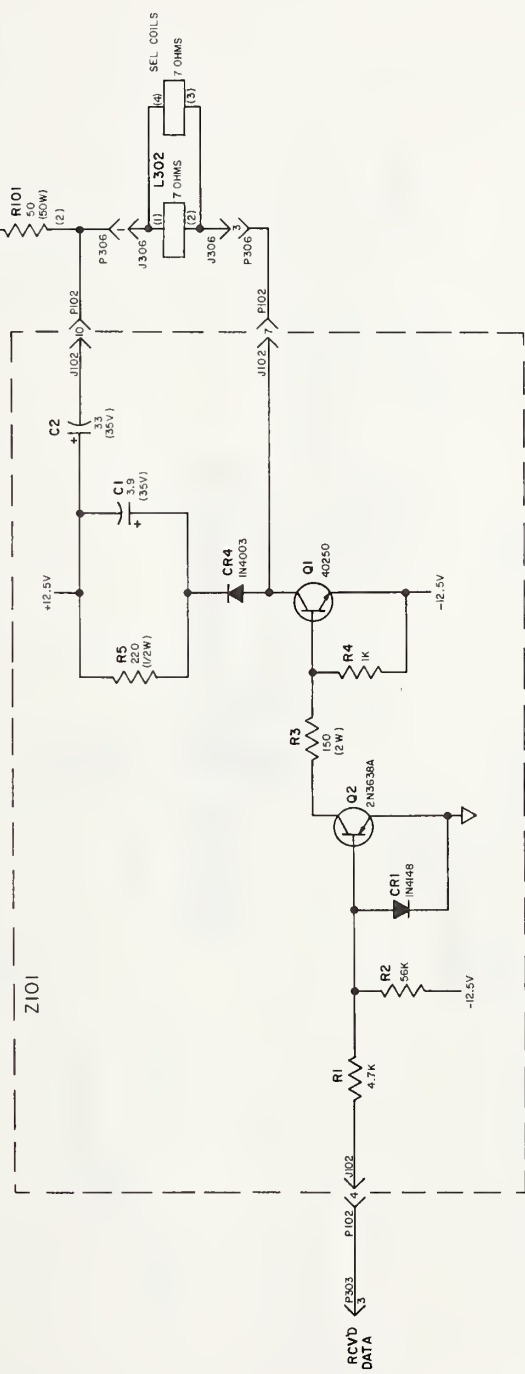


DWG. NO. 5.2 DATE: 4/23/74

TELETYPE RADIO CORPORATION
MODEL 37 R.O. (YESUR28)
1022SD-B2

ISSUE
1

FS-4 SELECTOR MAGNET DRIVER



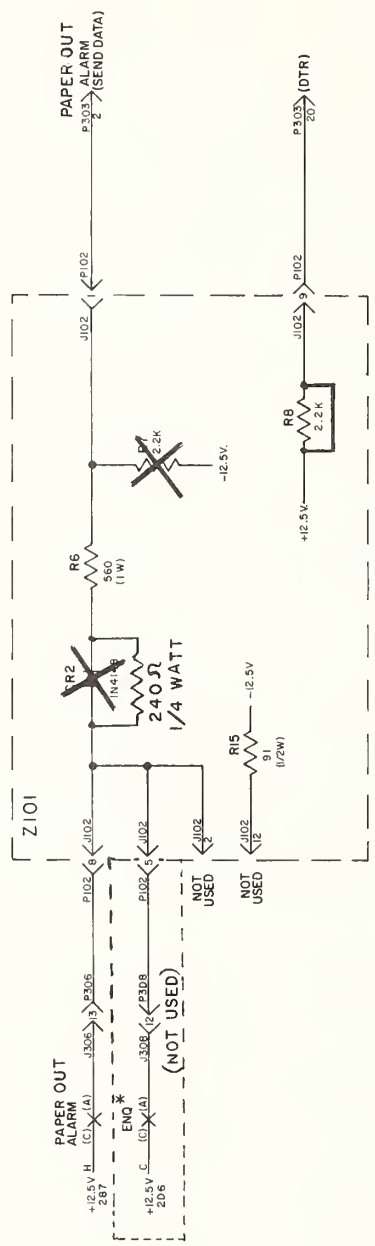
DWG. NO. 5.3 DATE: 4/23/74

TELETYPE
MODEL 37
R.O.
(YESU82S)
1022SD-B4

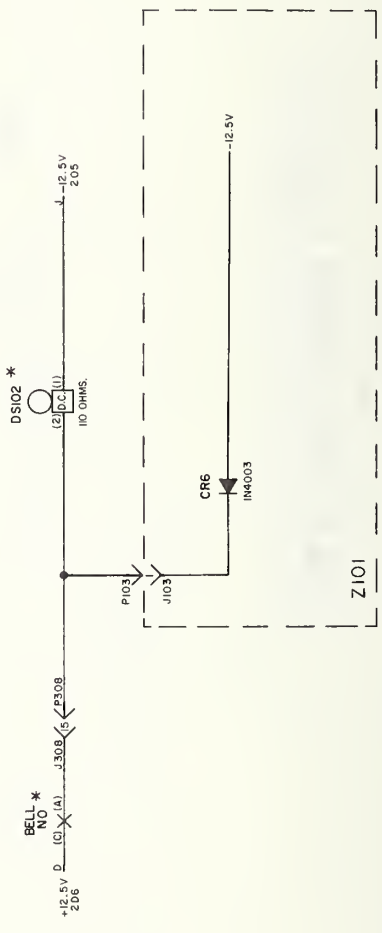
ISSUE
1

NOTE: * - INDICATES OPTION

FS-5 ALARM CIRCUITS

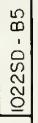


FS-6 (NOT USED) SIGNAL BELL CIRCUIT *



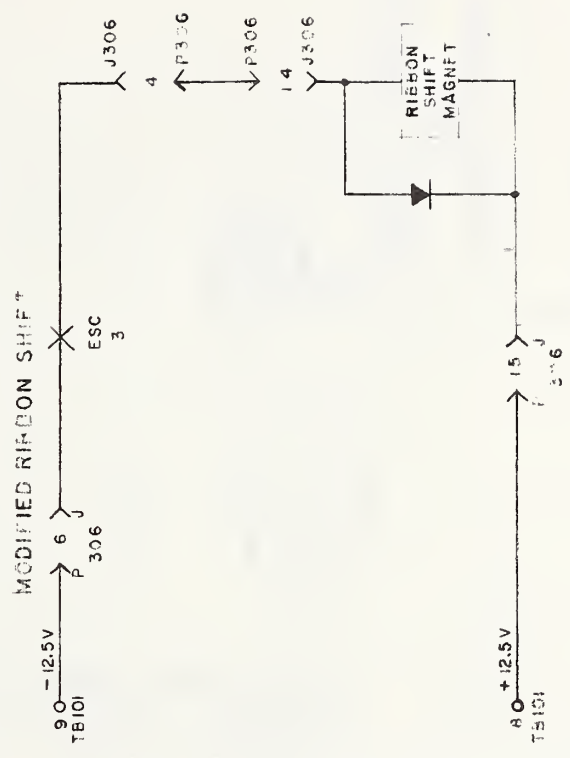
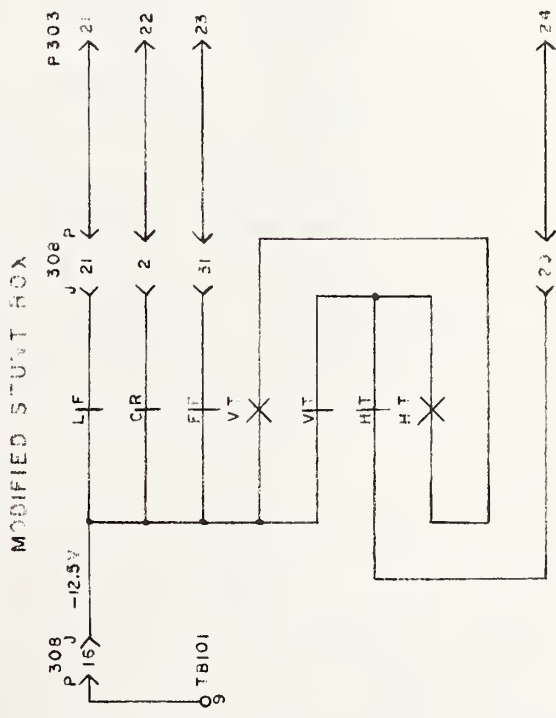
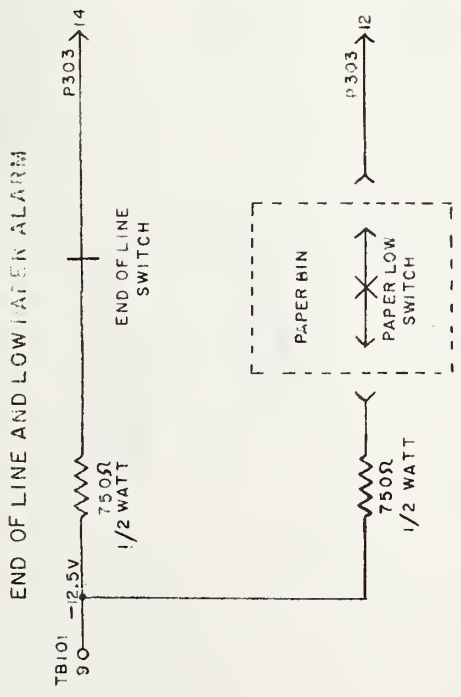
DWG. NO. 5.4 DATE: 4/23/74

MODEL 37
R.O.
(YESU 828)

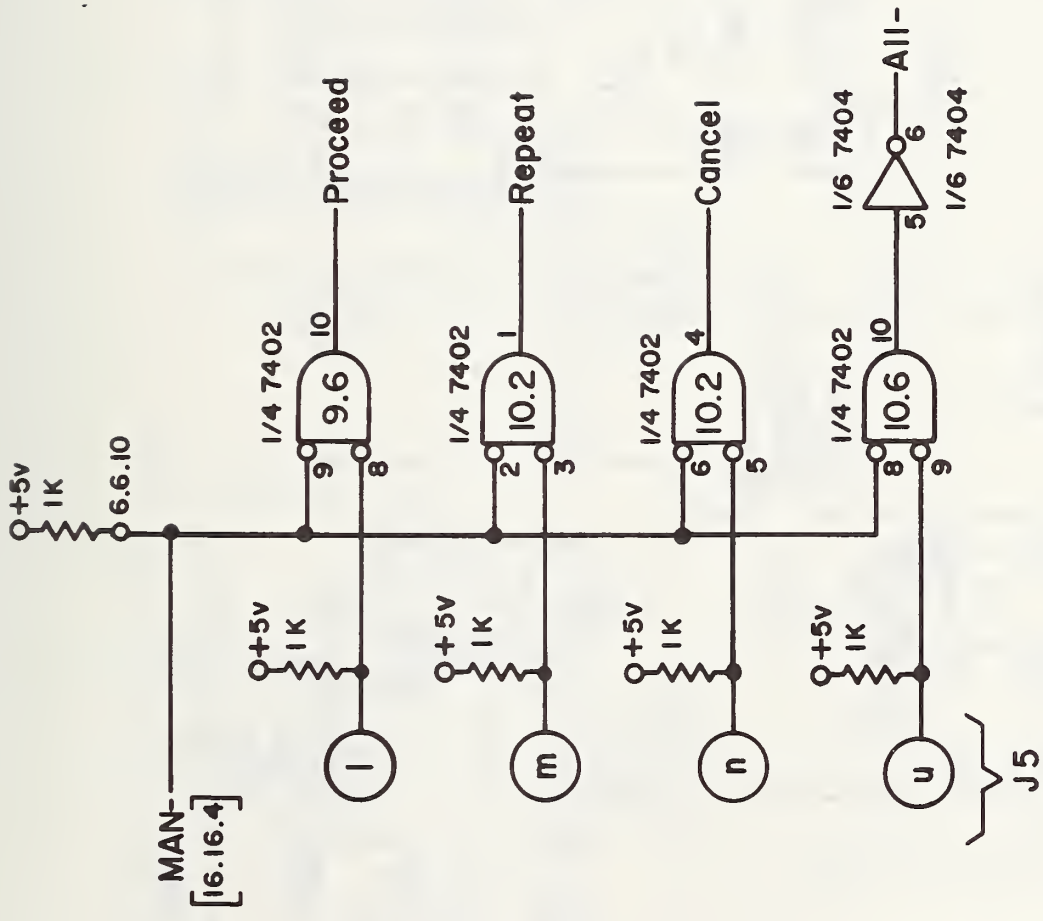


1022SD - B5

DWG. NO. 5.5 END OF LINE & LOW PAPER ALARM
 DATE: 4/26/74 MODIFIED STUNT BOX
 MODIFIED RIBBON SHIFT



6.0 CONTROL PANEL AND DISPLAY

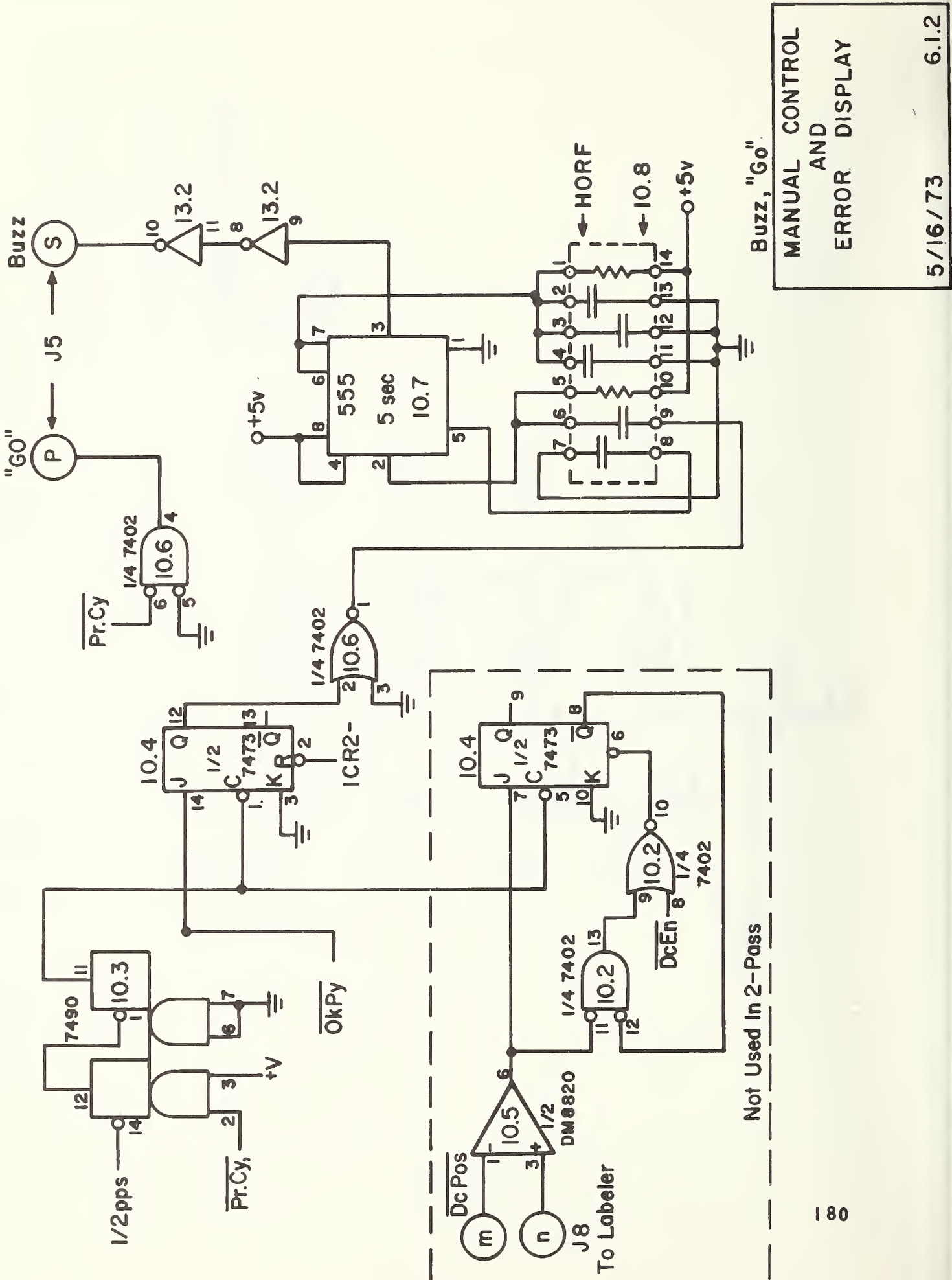


Proceed
Repeat
Cancel
All-

MANUAL CONTROL
AND
ERROR DISPLAY

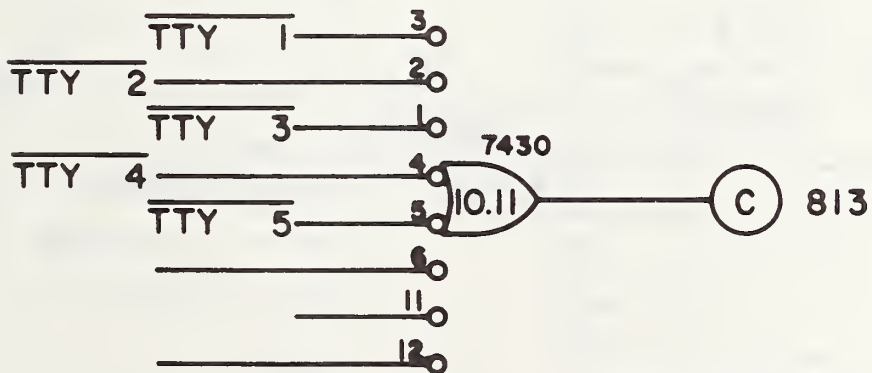
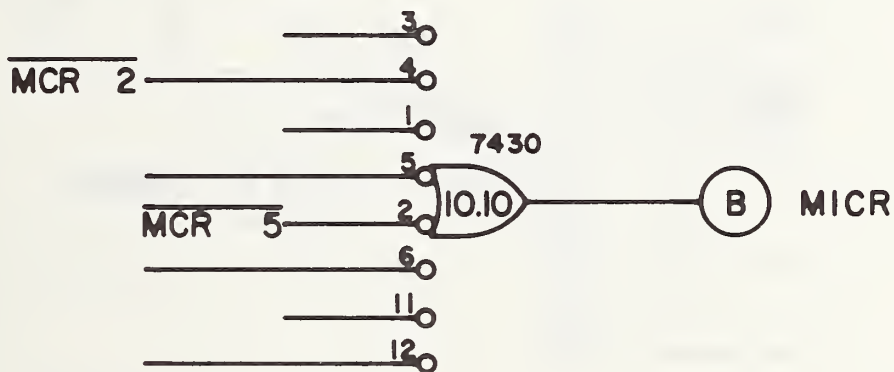
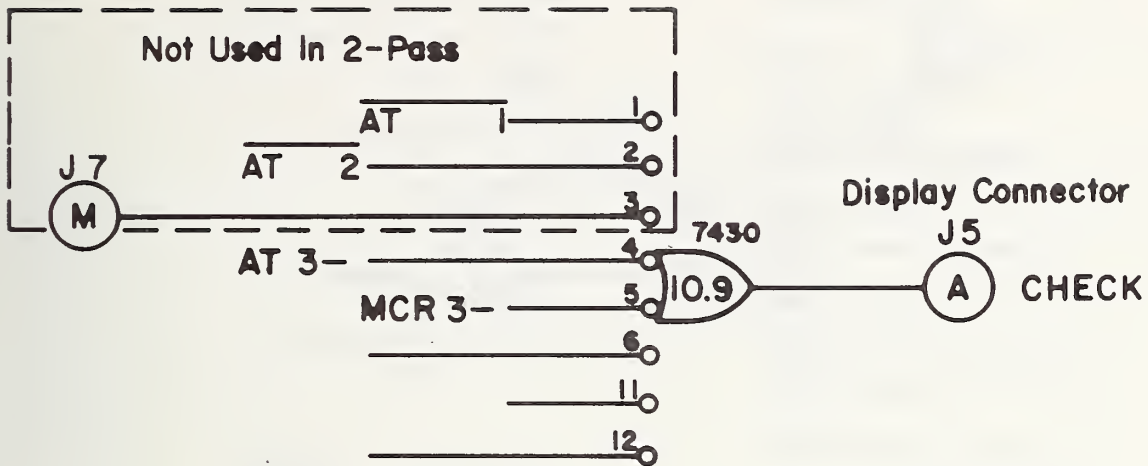
5/16/73

6.1.1



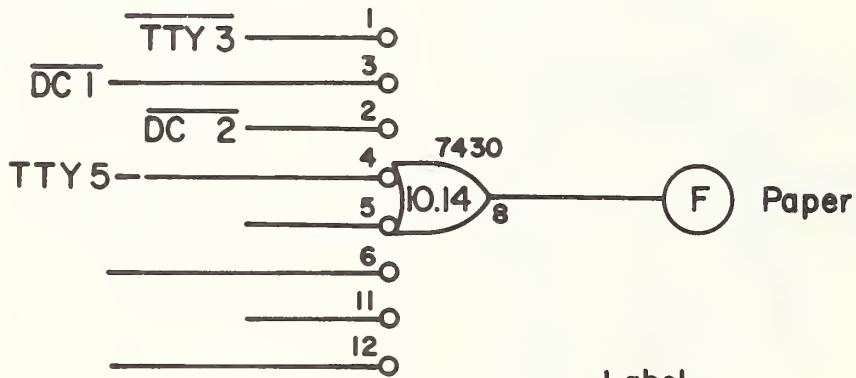
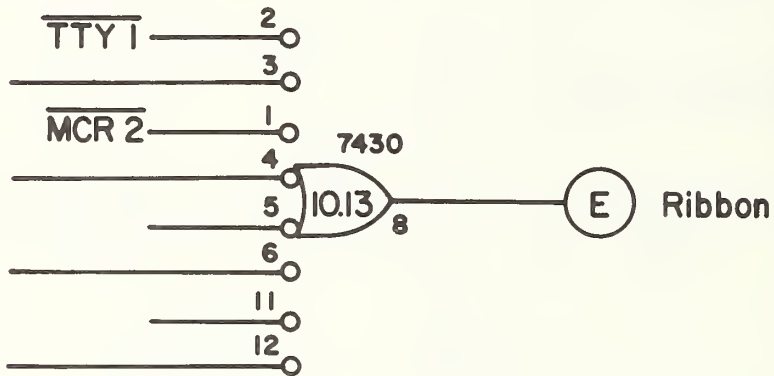
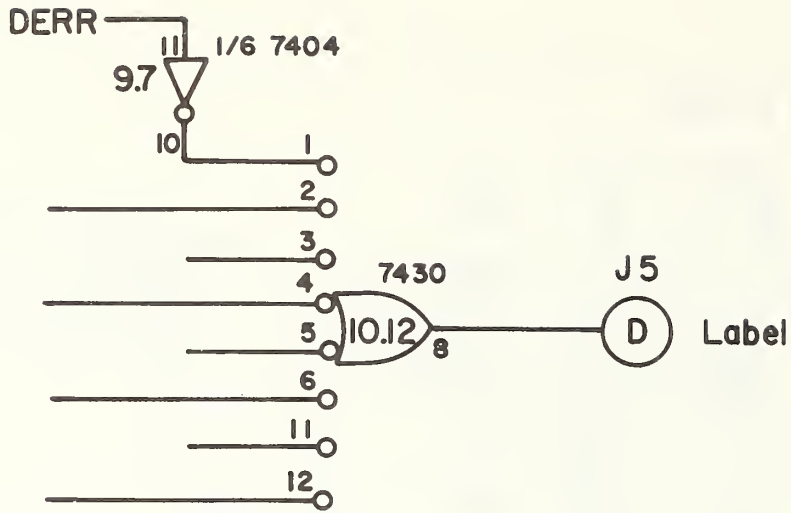
Not Used In 2-Pass

Buzz, "Go"
 MANUAL CONTROL
 AND
 ERROR DISPLAY



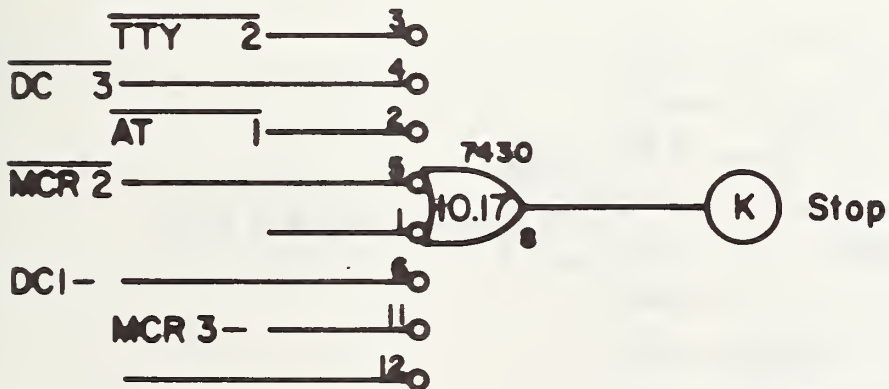
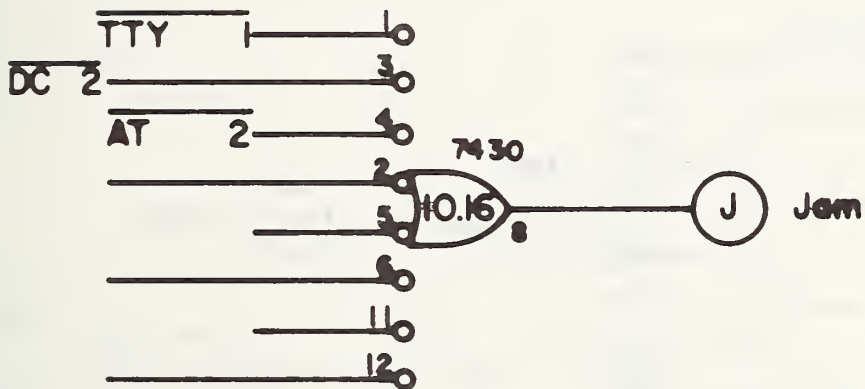
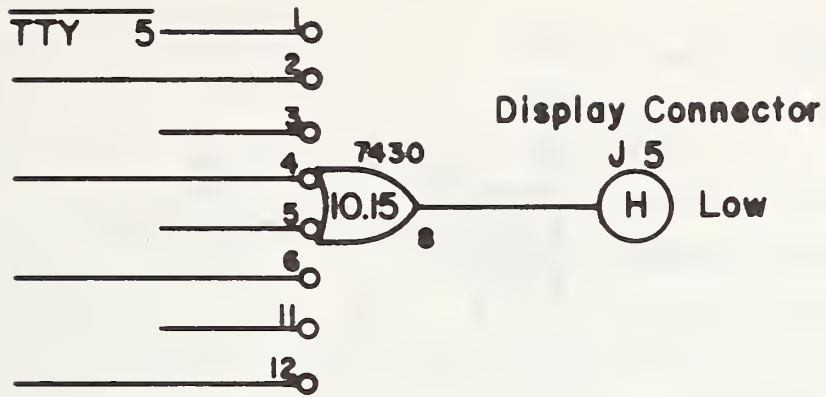
CHECK
MICR
813

MANUAL CONTROL
AND
ERROR DISPLAY



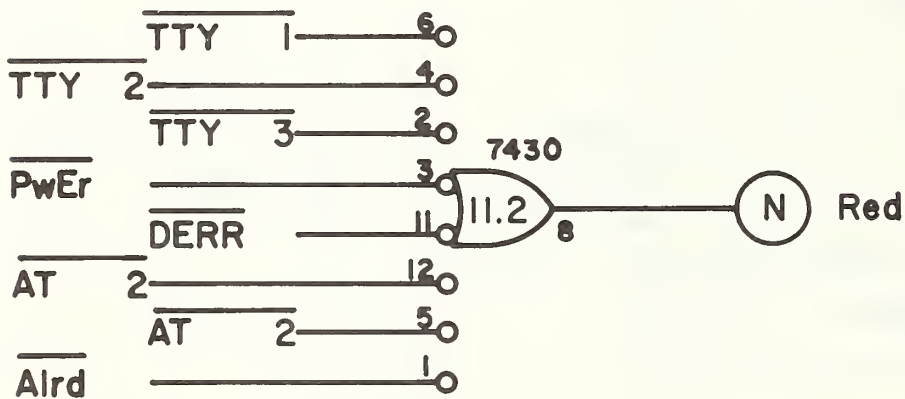
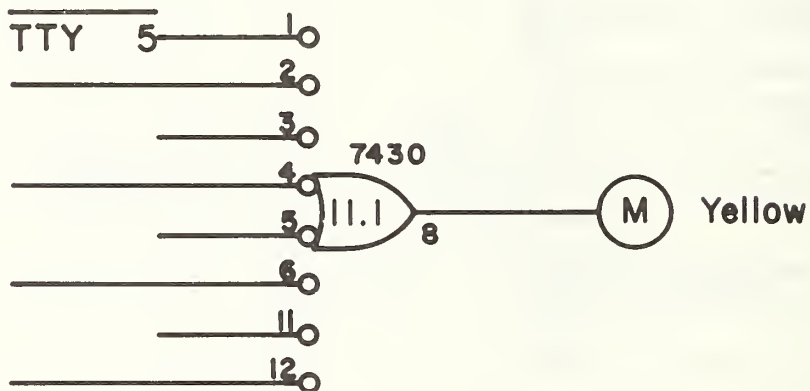
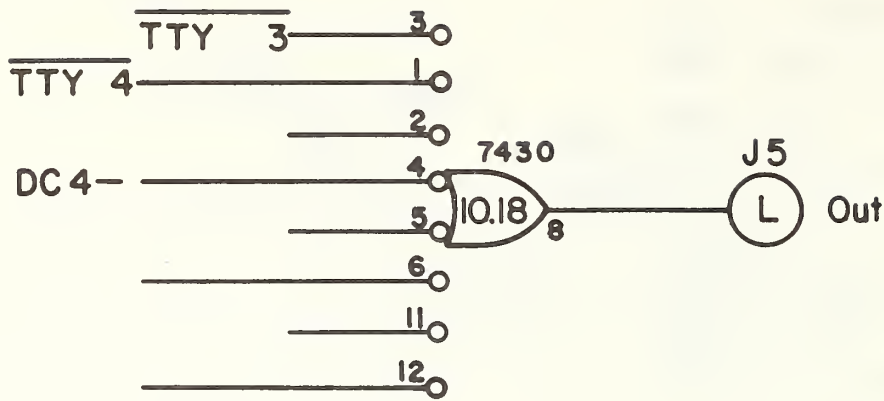
Label
 Ribbon
 Paper

MANUAL CONTROL AND ERROR DISPLAY	
4/25/73	6.1.4



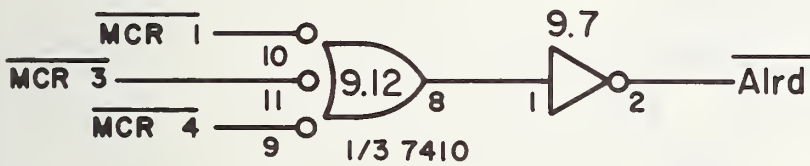
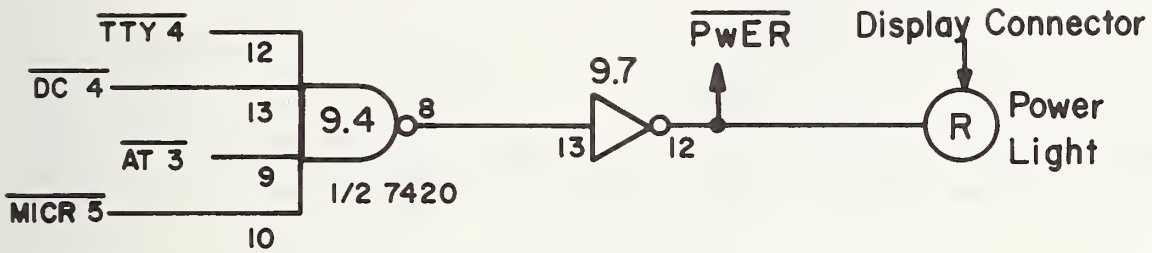
LOW, JAM, STOP

<p>MANUAL CONTROL AND ERROR DISPLAY</p> <p>5/16/73</p> <p>6.1.5</p>



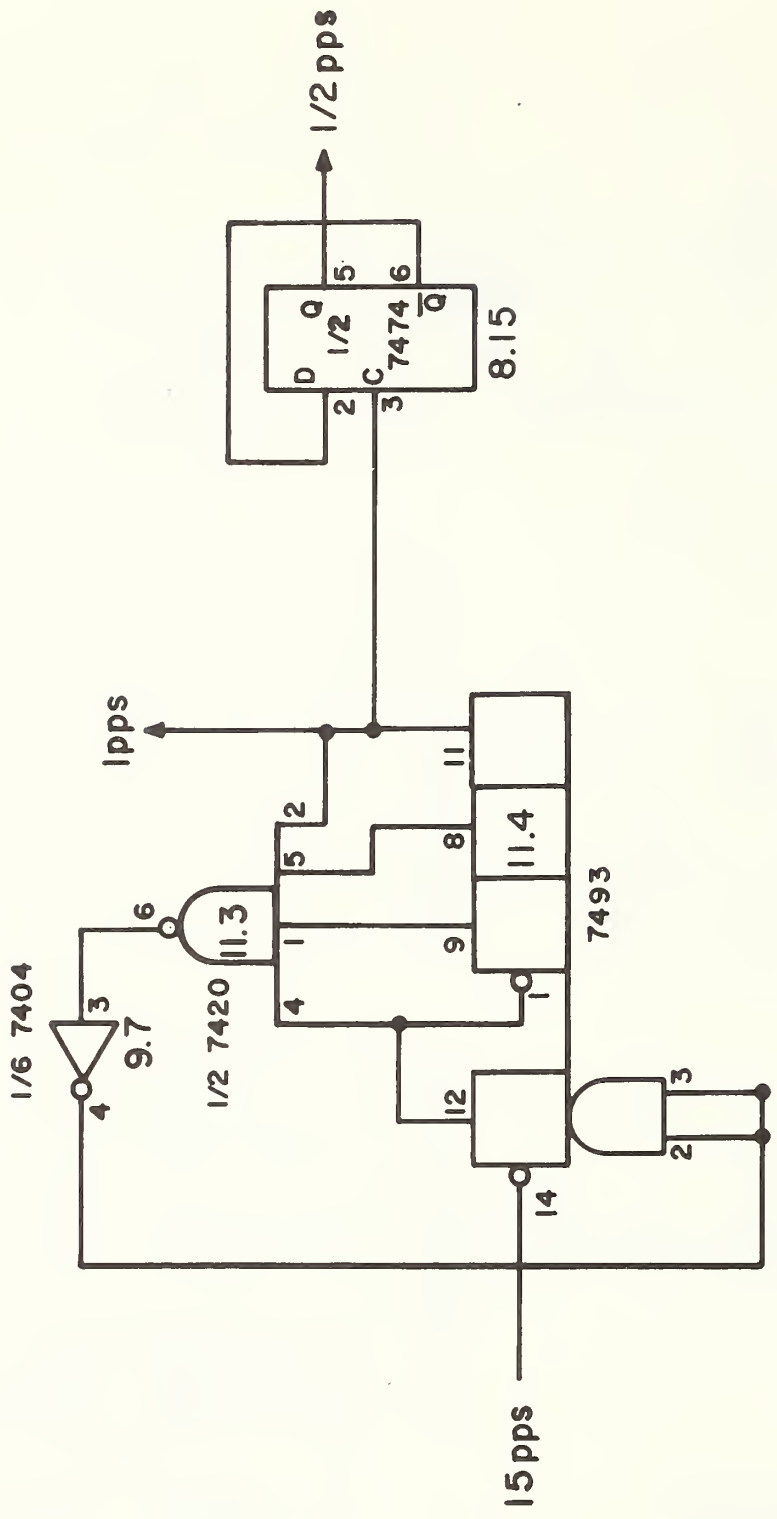
Out, Yellow, Red

MANUAL CONTROL AND ERROR DISPLAY	
5/16/73	6.1.6



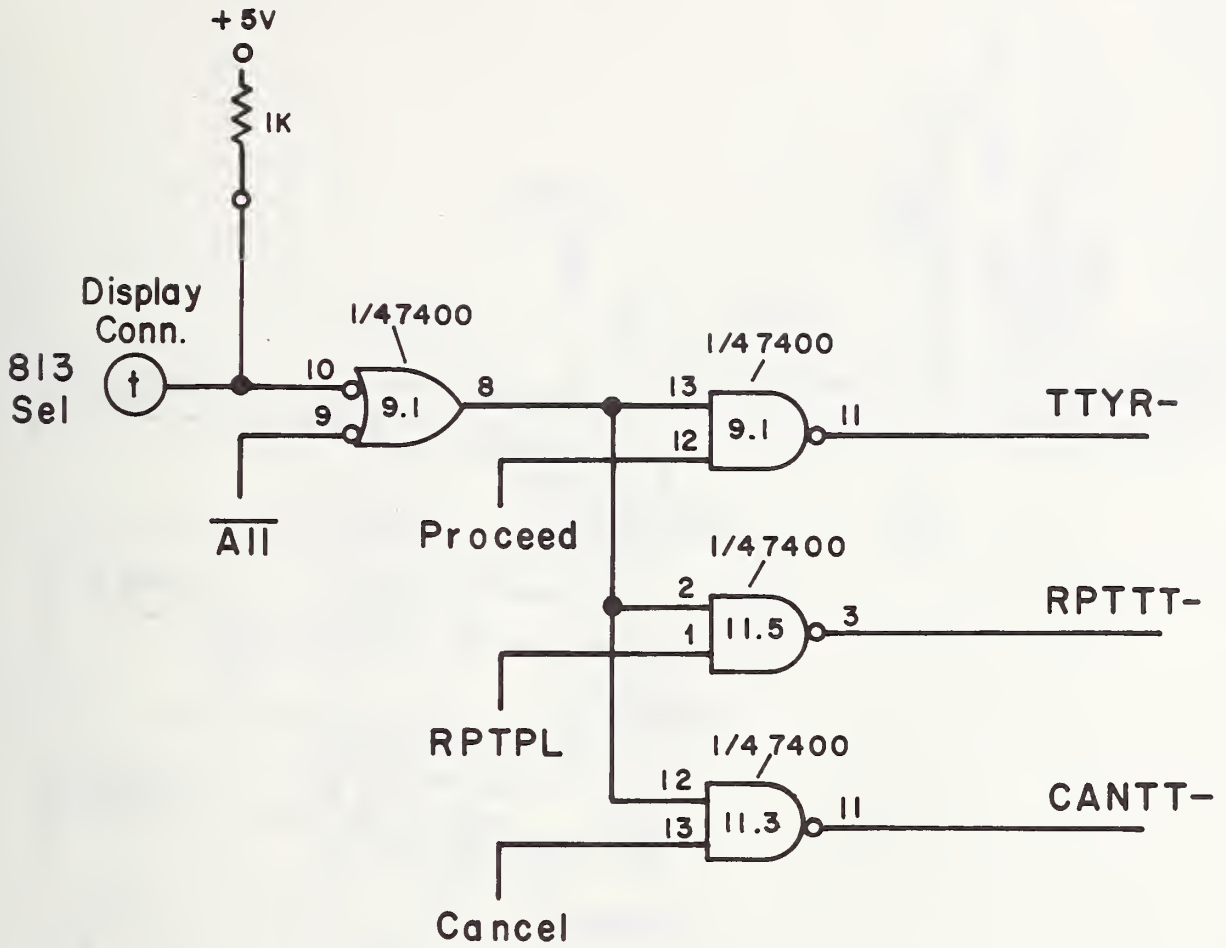
Power Light, $\overline{\text{ALRD}}$

MANUAL CONTROL
 AND
 ERROR DISPLAY



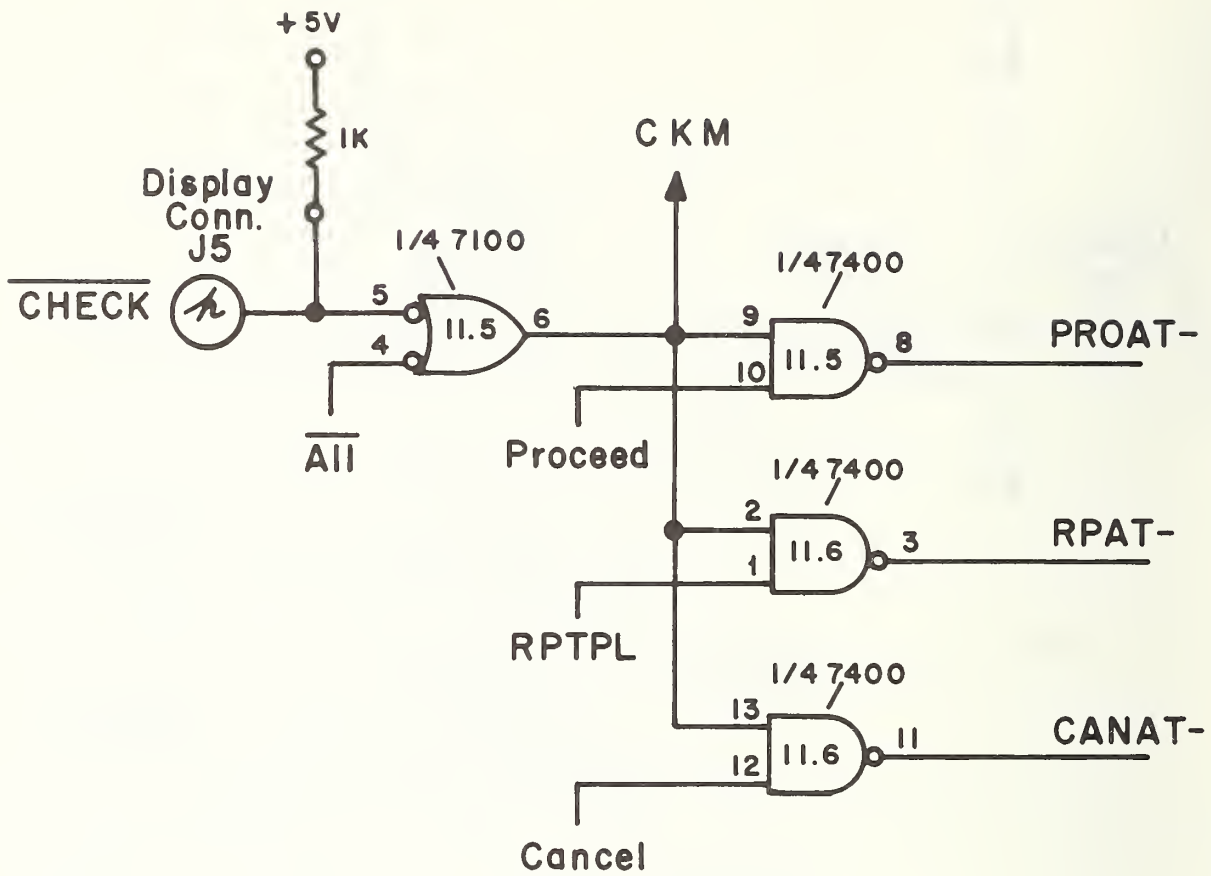
MANUAL CONTROL
AND
ERROR DISPLAY

4/25/73 6.1.8



TTYPR-;RPTTT-;CANTT-

MANUAL CONTROL
AND
ERROR DISPLAY
4-25-73 6.2.1

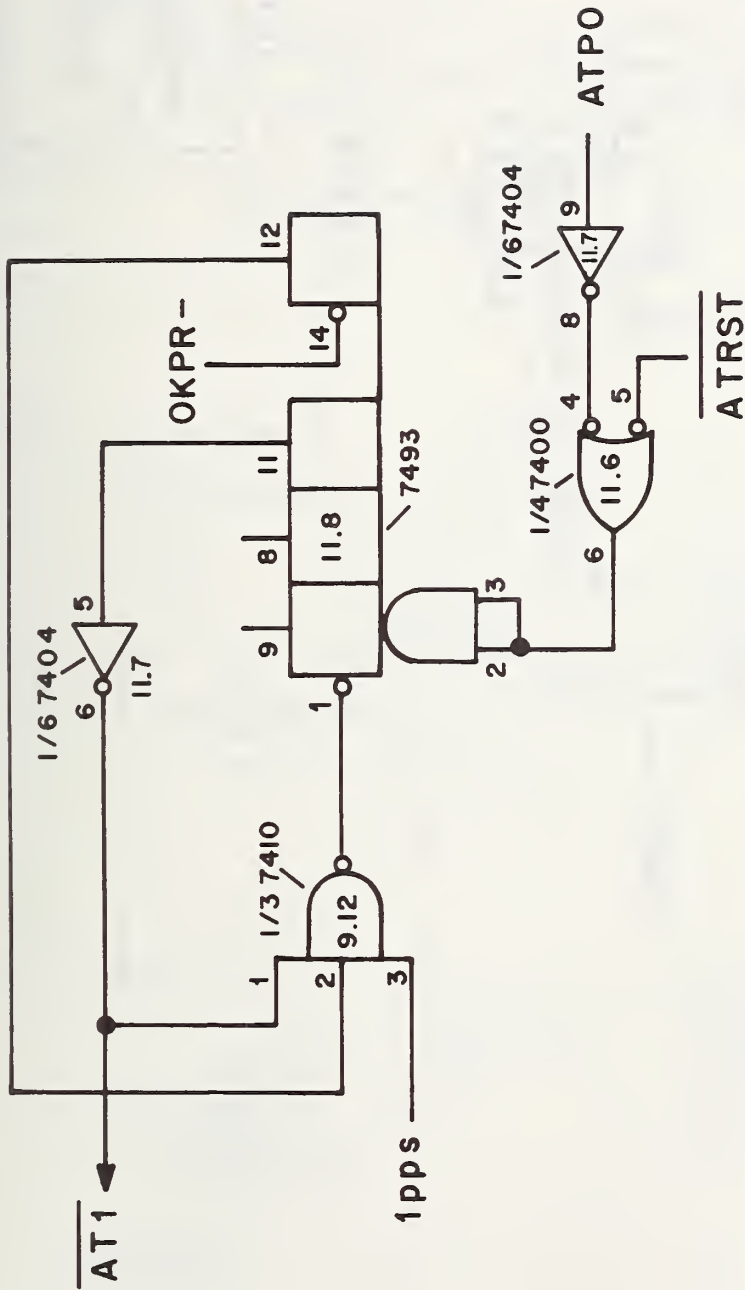


PROAT-; RPAT-; CANAT-

MANUAL CONTROL
AND
ERROR DISPLAY

5-25-73

6.3.1

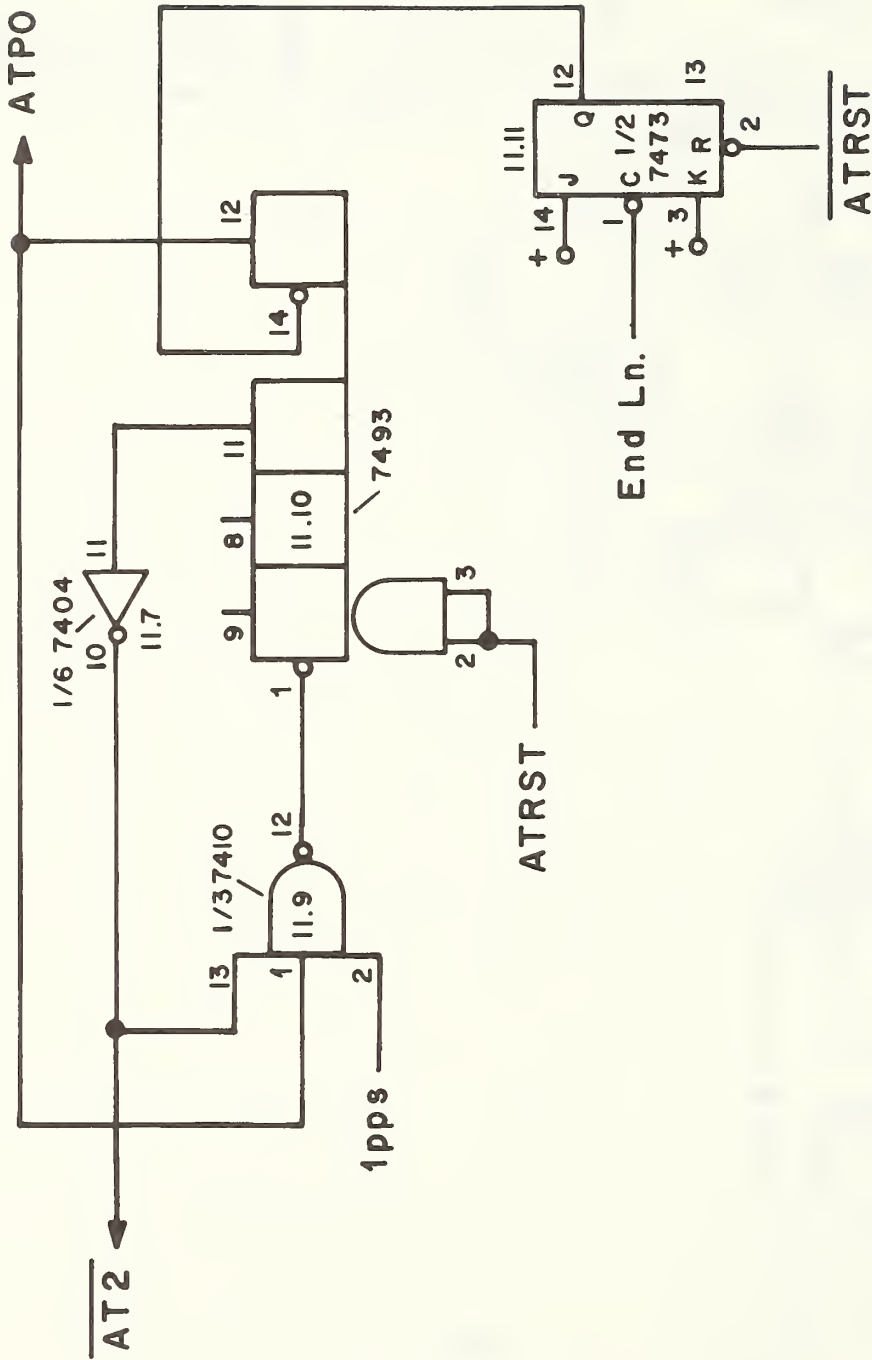


AT1

MANUAL CONTROL
AND
ERROR DISPLAY

4-25-73

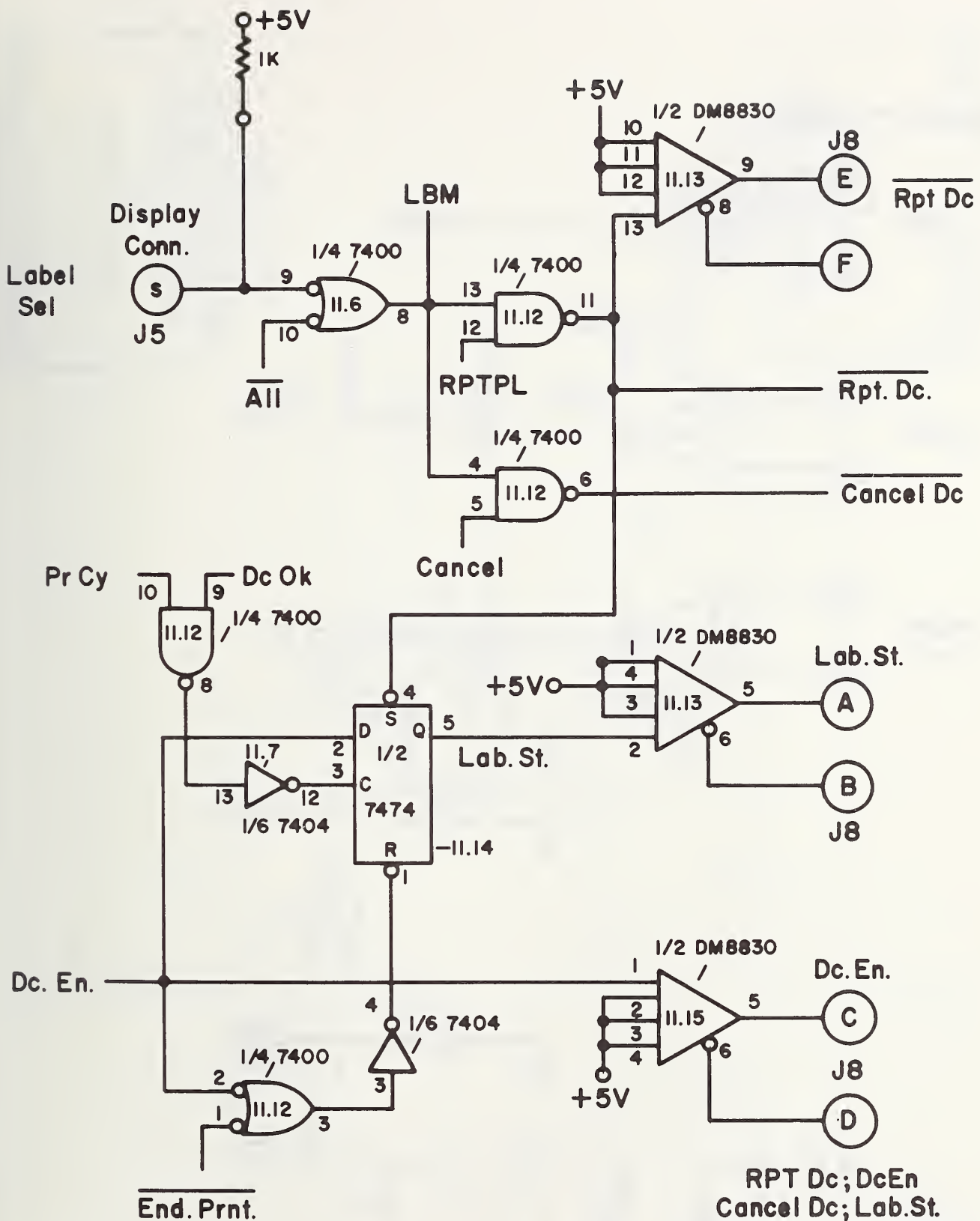
6.3.2



ATPO, $\overline{\text{AT2}}$

MANUAL CONTROL
AND
ERROR DISPLAY

4-25-73 6.3.3



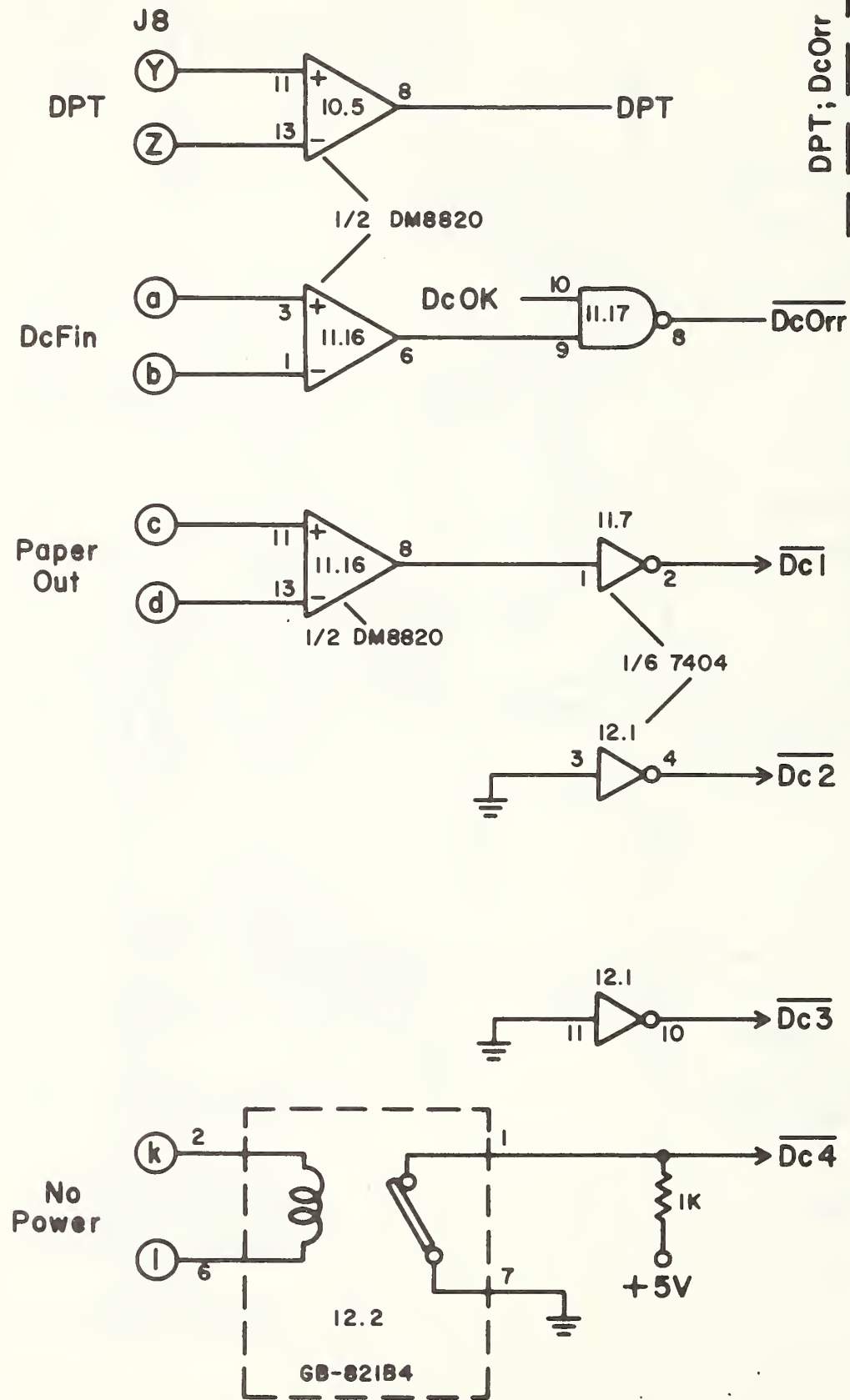
RPT Dc; DcEn
Cancel Dc; Lab.St.

**MANUAL CONTROL
AND
ERROR DISPLAY**

5-25-73

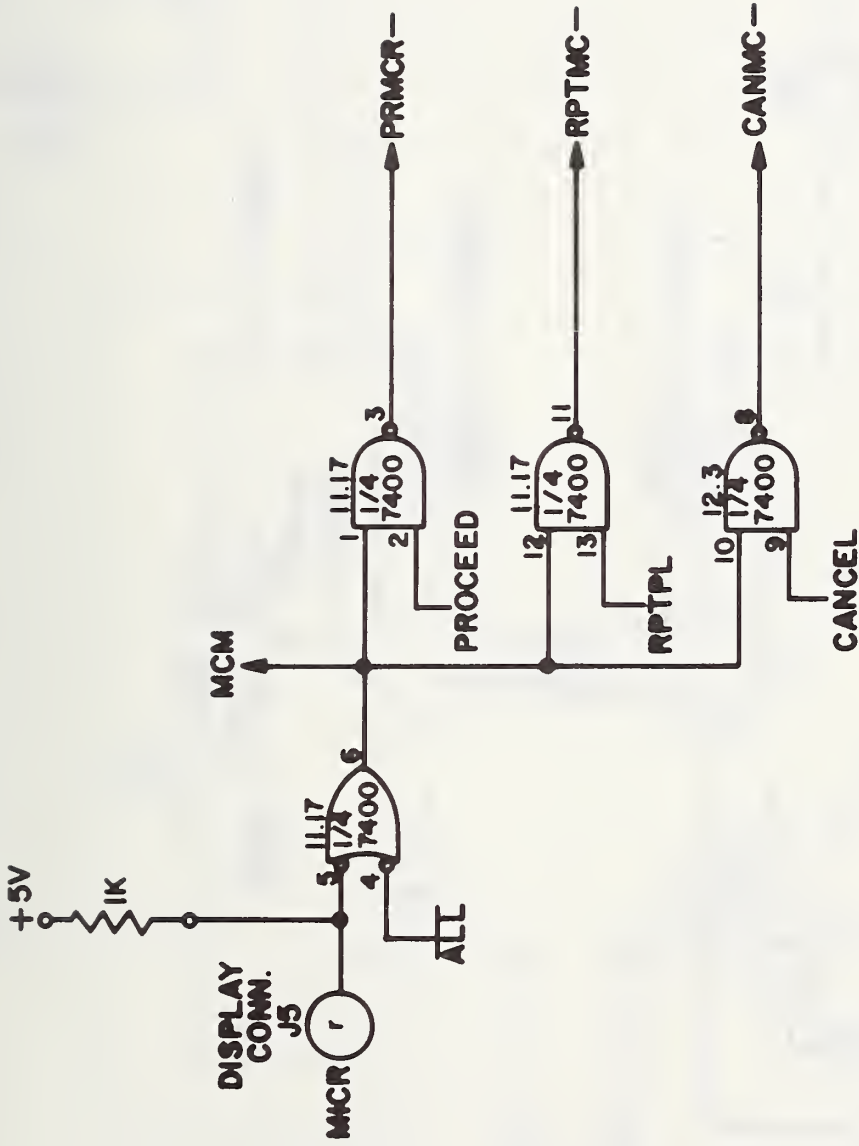
6.4.1

COMN TO LABELER



$\overline{\text{Dc1}}$; $\overline{\text{Dc2}}$; $\overline{\text{Dc3}}$; $\overline{\text{Dc4}}$
 DPT; DcOrr

MANUAL CONTROL
 AND
 ERROR DISPLAY
 4-25-73 6.4.3



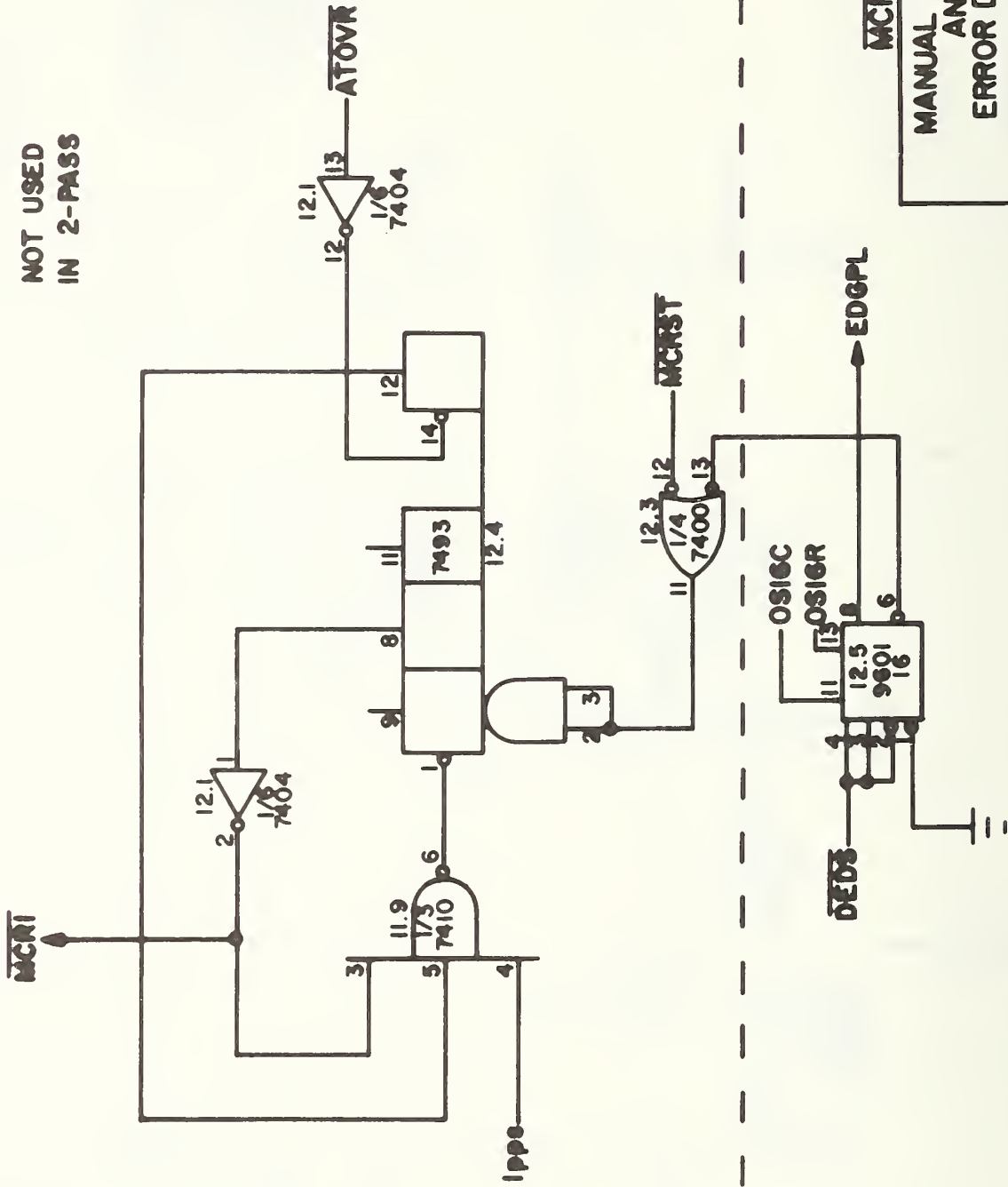
MCM
PRMCR--
RPTMC--
CANMC--

MANUAL CONTROL
AND
ERROR DISPLAY

4-25-73

6.5.1

NOT USED
IN 2-PASS

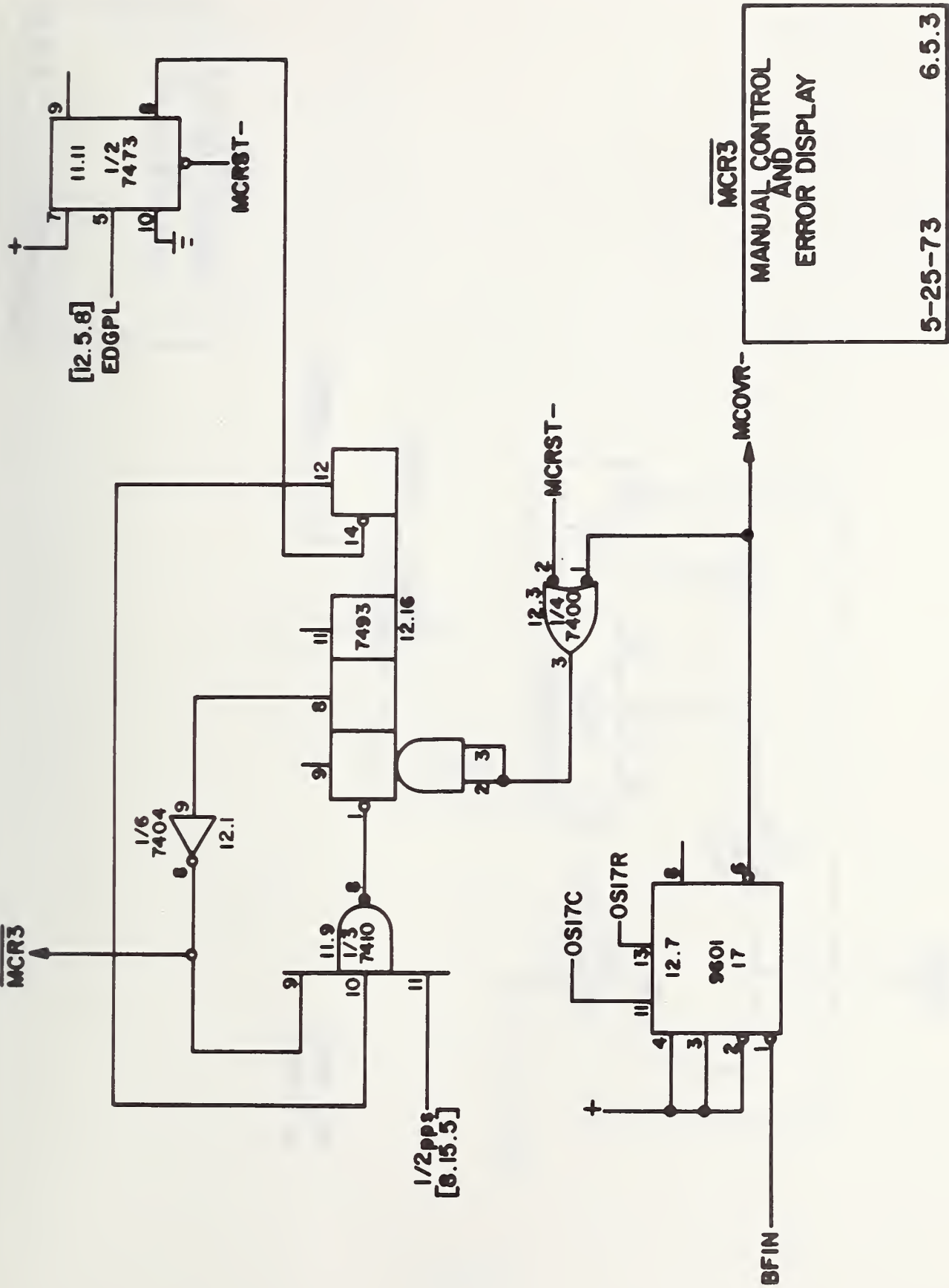


MCR1

MANUAL CONTROL
AND
ERROR DISPLAY

5-25-73

6.5.2

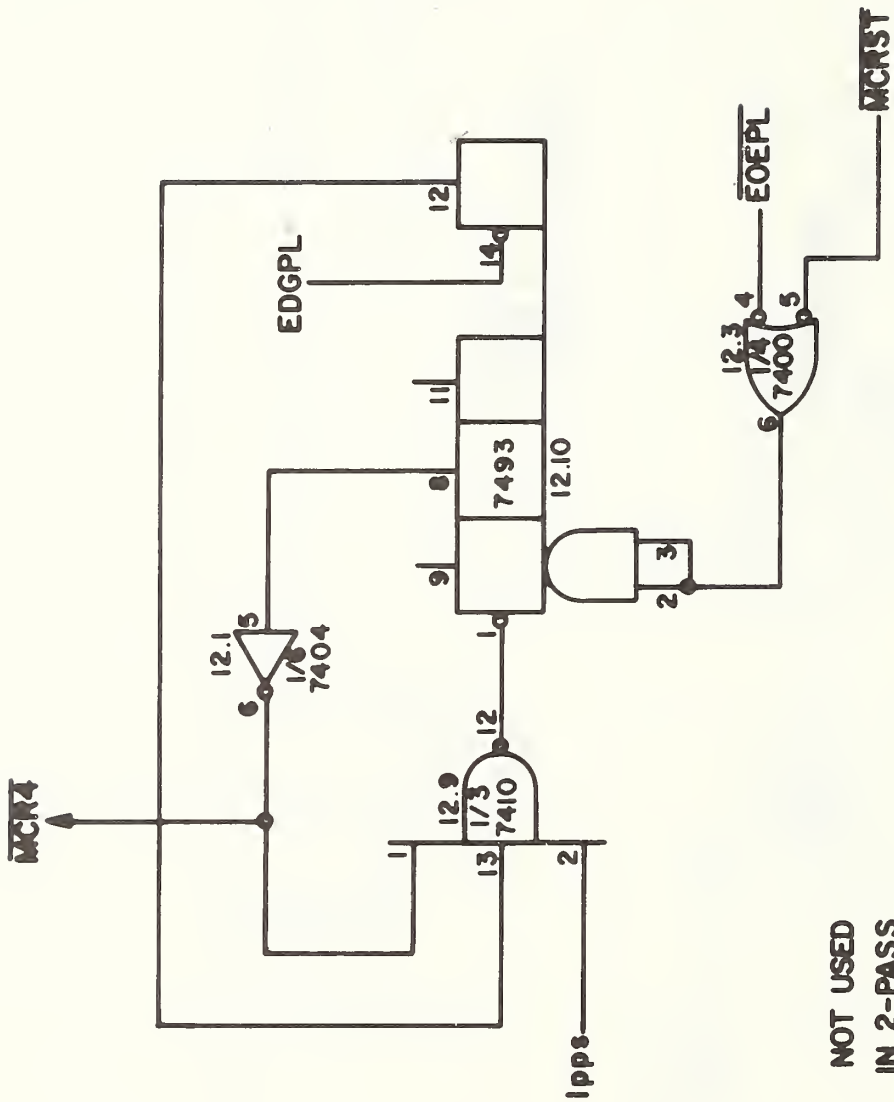


MCR3

MANUAL CONTROL
AND
ERROR DISPLAY

5-25-73

6.5.3



NOT USED
IN 2-PASS

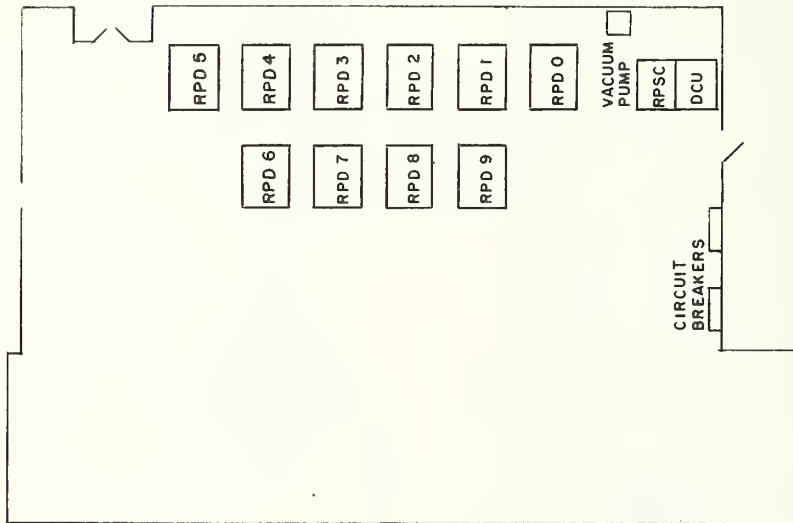
MCR4
**MANUAL CONTROL
AND
ERROR DISPLAY**

4-25-73 6.5.4

7.0 RPD CONSOLE

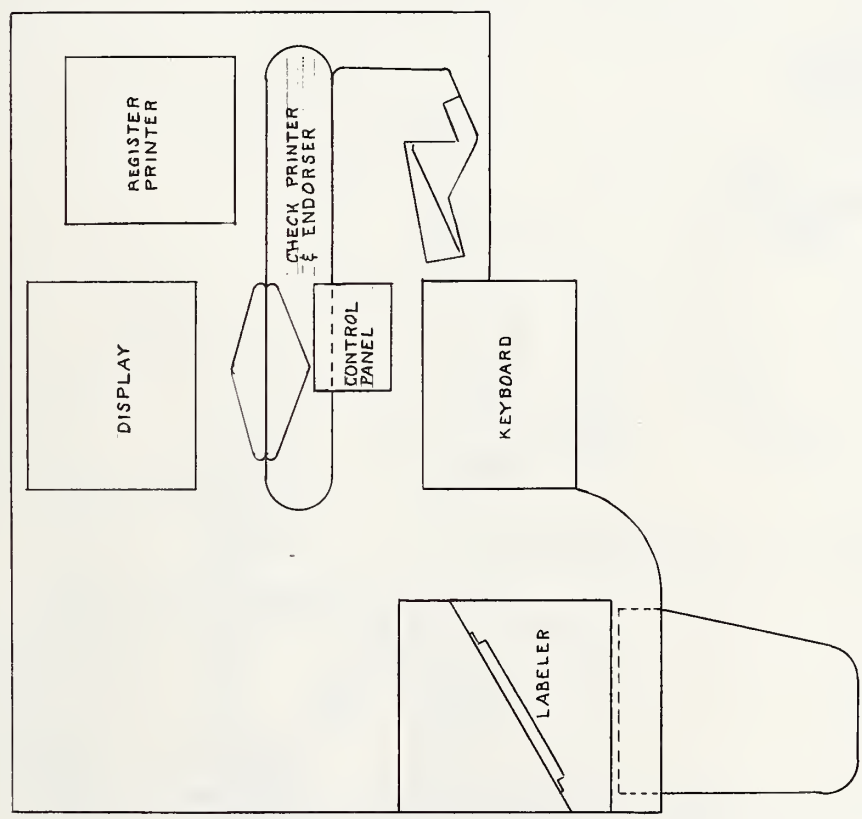
ORIGINAL DATE OF DRAWING 4/18/74

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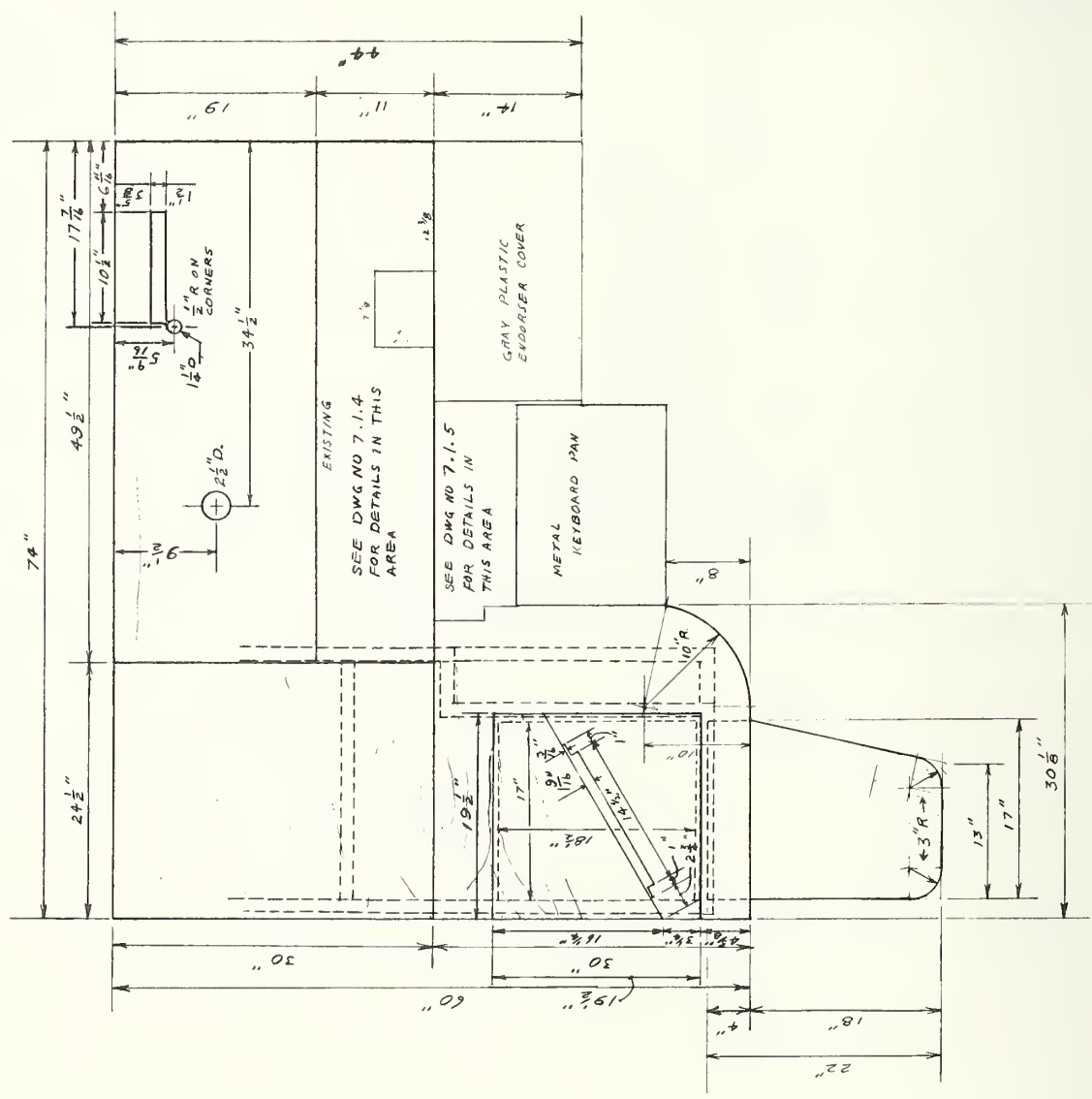
PIECE NO.	NOMENCLATURE	NO. RECD
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
FLOOR PLAN		
FOR RPS		
MODEL	TYPE	SCALE
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN J.R. PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR.	PROJECT ENGR.
DECIMALS ±.008	SUBMITTED BY	
FRACTIONS ±.018	EXAMINED BY	
ANGLES ± 1/4°	CHIEF, SEC.	
DO NOT SCALE THIS PRINT	CHIEF ENGINEER	
BY, SEC.	APPROVED BY	
650.01	CHIEF, DIV.	
	DWG NO 7.0.1	

ORIGINAL DATE OF DRAWING		4/17/74	
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FILE NO.	NOMENCLATURE	REV. NO.
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D.C. 20334	
GEN'L ARGT, CONSOLE EQUIP'T FOR RPD CONSOLE		
MODEL	TYPE	SCALE
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAWSMAN J.R. PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENG J.R. PARK	PROJECT ENR
DECIMALS	SUBMITTED BY	CHIEF, SEC.
FRACTIONS	EXAMINED BY	CHIEF ENGINEER
ANGLES	APPROVED BY	CHIEF, DIV.
DO NOT SCALE THIS DRAWING	THIS PRINT ISSUED	DWG NO 7.0.2
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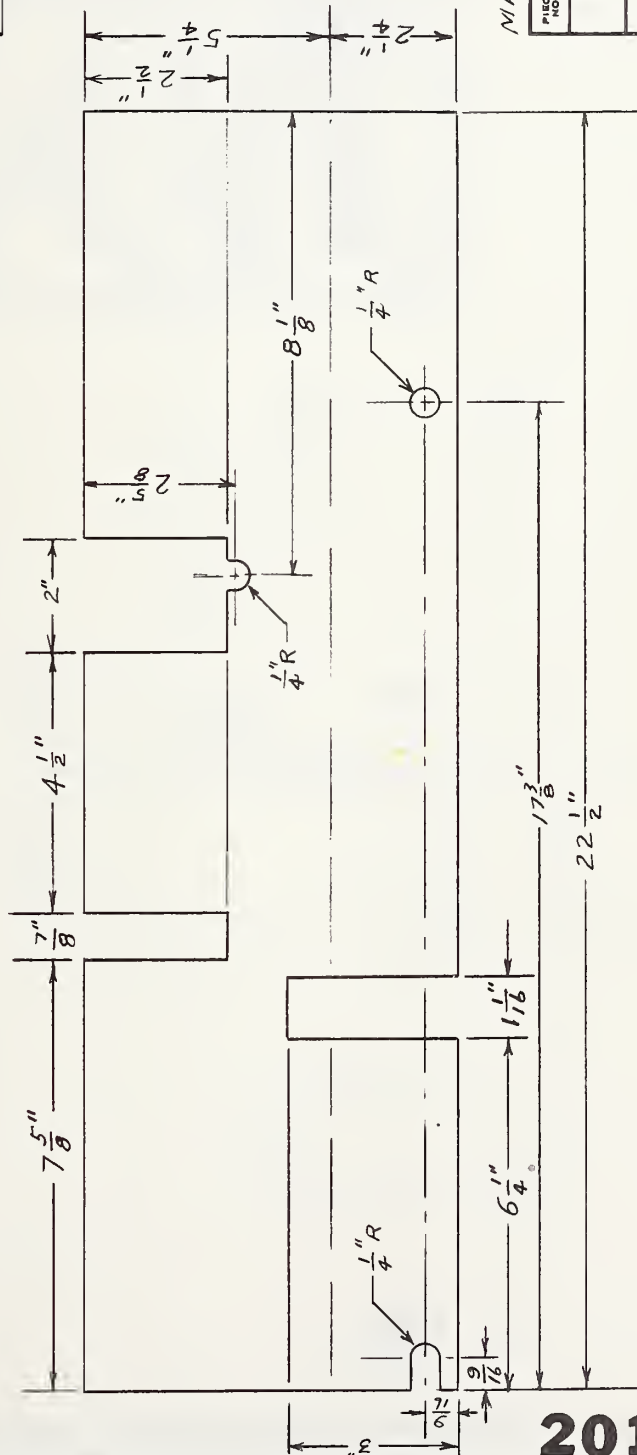


FILE NO.	NOMENCLATURE	REV. NO.
NATIONAL BUREAU OF STANDARDS WASHINGTON 25, D. C.		
TABLE TOP		
FOR RPD CONSOLE		
MODEL	TYPE	SCALE 1/8" = 1"
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAWN BY J. R. Rypk	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENG'R J. R. Rypk	PROJECT ENGR
DECIMALS ± .008	SUBMITTED BY	
FRACTIONS ± 1/32	EXAMINED BY	CHIEF, SEC.
ANGLES ± 1/2°	APPROVED BY	CHIEF ENGINEER
DO NOT SCALE THIS PRINT	THIS PRINT ISSUED	CHIEF, DIV.
DIV. SEC.	650	DWG NO 7.1.1
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MAT'L: 16 GA AL

PIECE NO. NOMENCLATURE NO. REQ'D

NATIONAL BUREAU OF STANDARDS
WASHINGTON, D. C. 20234

CATCH - PAN
FOR RPD CONSOLE

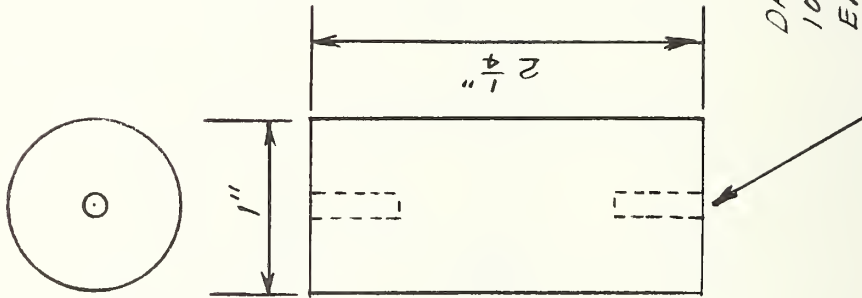
MODEL	TYPE	SCALE	1" = 1"
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JR PARK	CHECKER	
TOLERANCES (Unless otherwise specified)	PROJECT ENDR. PD SHUPE	PROJECT ENGR	
DECIMALS ± .005	SUBMITTED BY	CHIEF, SEC.	
FRACTIONS ± .015	EXAMINED BY	CHIEF ENGINEER	
ANGLES ± 15'	APPROVED BY	CHIEF, DIV.	
DO NOT SCALE THIS PRINT	THIS PRINT ISSUED		
ENGR. SEC. 6570			DWG NO 7.1.2
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201

ORIGINAL DATE OF DRAWING 4/17/74

REVISIONS

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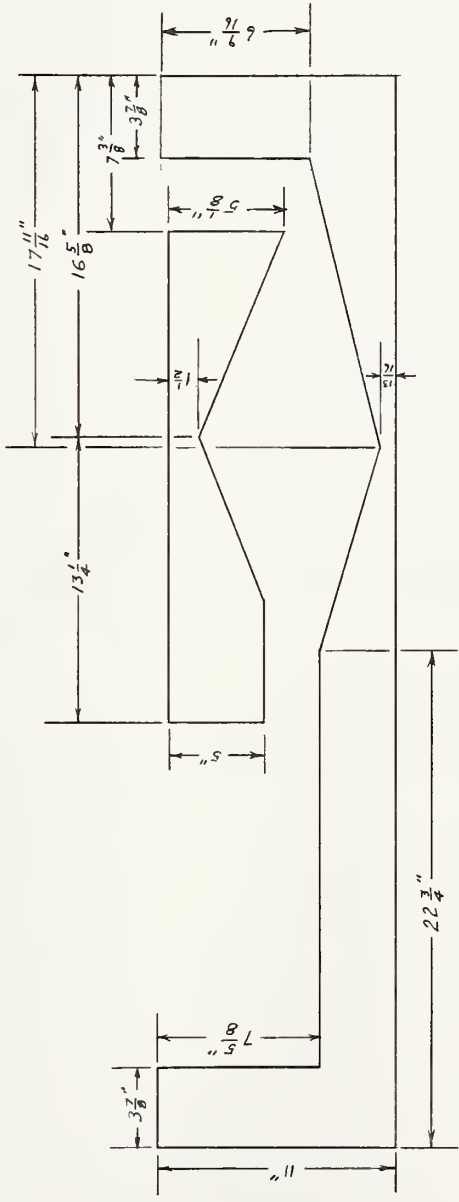


MAT'L: 1" AL ROD

PIECE NO.	NOMENCLATURE	NO. REQ'D
	NATIONAL BUREAU OF STANDARDS WASHINGTON 25, D. C.	
TABLE TOP CENTER SUPPORT		
FOR RPD CONSOLE		
MODEL	TYPE	SCALE FS
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN J R PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR. P D SHURE	PROJECT ENGR.
DECIMALS ±.005	SUBMITTED BY	
FRACTIONS ±.015	EXAMINED BY	
ANGLES ± 1/2°	CHIEF. SEC.	
DO NOT SCALE THIS PRINT	CHIEF ENGINEER	
DIV. SEC.	THIS PRINT ISSUED	APPROVED BY
650		CHIEF. DIV.
01		DWG NO 7.1.3

ORIGINAL DATE OF DRAWING

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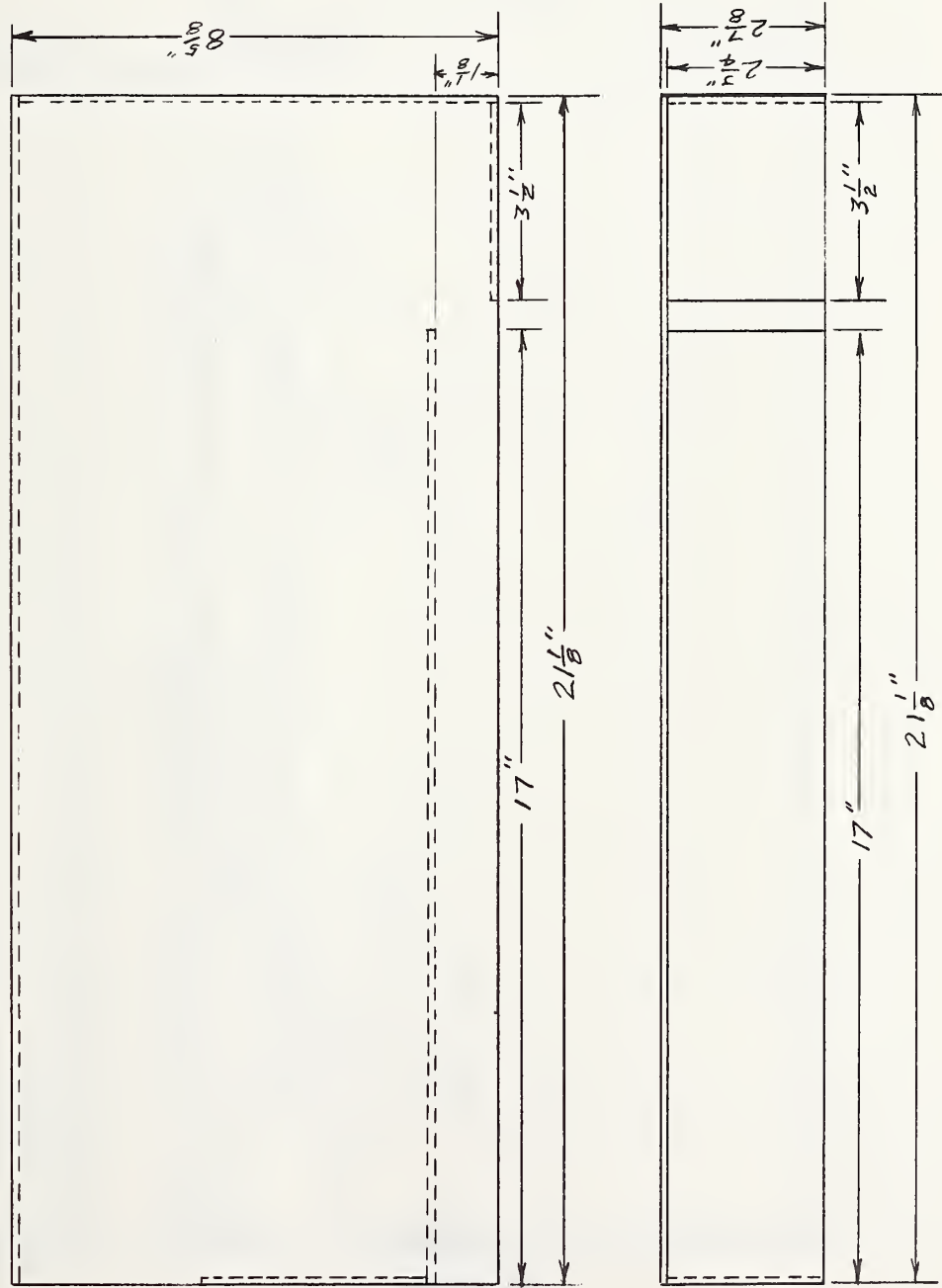
203

PIECE NO.	NONENCLATURE	NO. RECD.
NATIONAL BUREAU OF STANDARDS WASHINGTON, D.C. 20334		
MODIFIED END-RISER TABLE TOP SH1		
FOR RPD CONSOLE		
MODEL	TYPE	SCALE 1/8" = 1"
DIMENSIONS IN INCHES (Unless otherwise specified)	DESIGNED BY J.R. Park	CHECKED
TOLERANCES (Unless otherwise specified)	PROJECT ENGR P.D. Sharp, Jr.	PROJECT ENGR
DECIMALS ± .015	SUBMITTED BY	CHIEF, SEC.
FRACTIONS ± .015	EXAMINED BY	CHIEF ENGINEER
ANGLES ± 1'	APPROVED BY	CHIEF, DIV.
DO NOT SCALE THIS DRAWING	THIS PRINT ISSUED	DWG NO 7.1.4
REV. 662	650	.01

ORIGINAL DATE OF DRAWING 4/10/73

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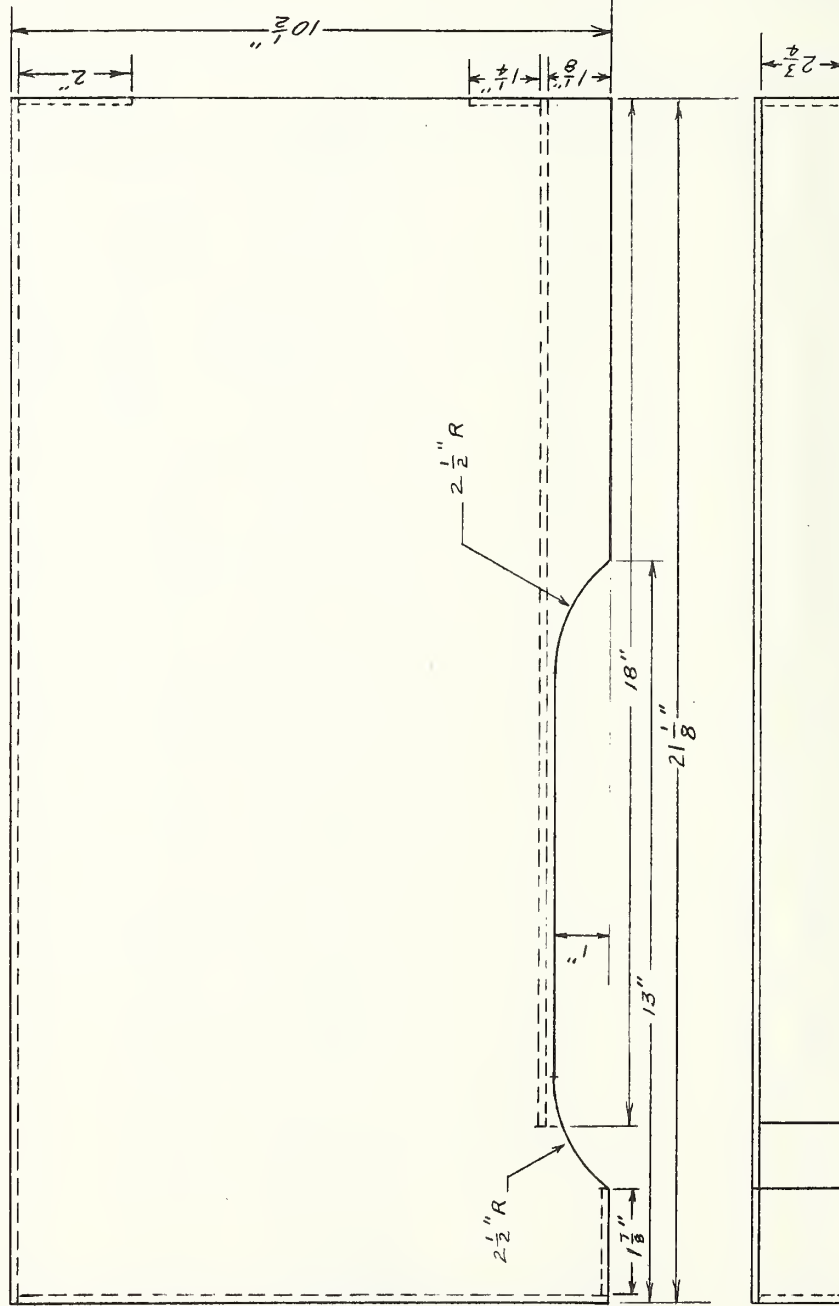


PIECE NO.	NOMENCLATURE	NO. REV'D
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
FOR TRACK COVER - RIGHT SIDE		
MODEL	TYPE	SCALE 1/2" = 1"
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JR Park	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR PDSalpe	PROJECT ENGR
DECIMALS ± .005	SUBMITTED BY	
FRACTIONS ± .015	EXAMINED BY	CHIEF, SEC.
ANGLES ± .1°	APPROVED BY	CHIEF ENGINEER
DO NOT SCALE THIS PRINT	THIS PRINT ISSUED	DWG NO 7.1.6
BY, SEC. 650		
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ORIGINAL DATE OF DRAWING 4/10/73

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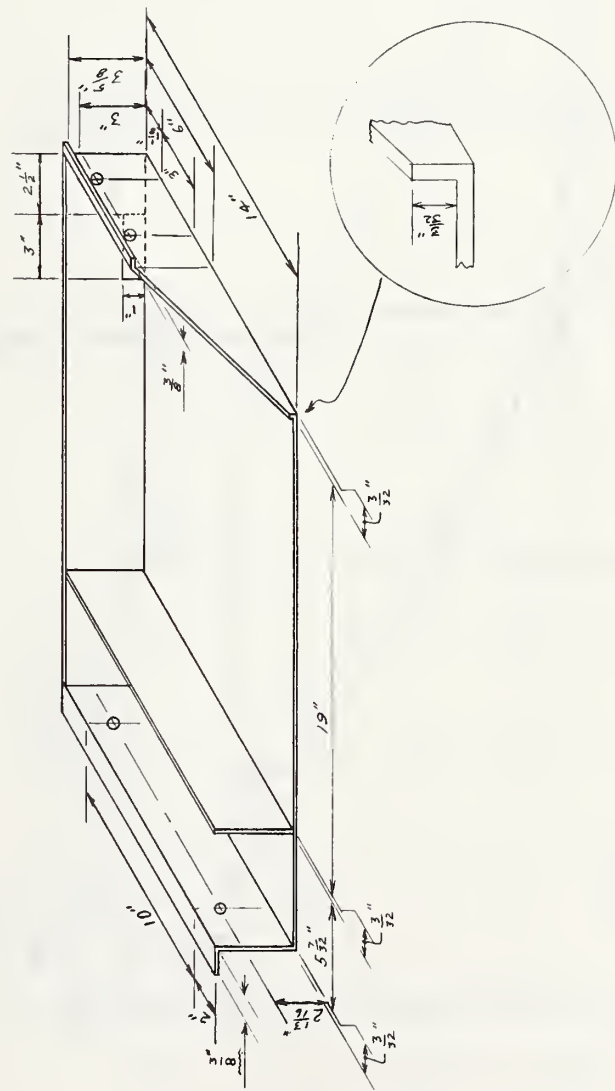


206

PIECE NO.	NOMENCLATURE	NO. REQ'D
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
TRACK COVER - LEFT SIDE FOR RPD CONSOLE		
MODEL	TYPE	SCALE 1/2" = 1"
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAWSMAN V.A.P./B.V.	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR. P.D. SHARP	PROJECT ENGR.
DECIMALS ±.005	SUBMITTED BY	
FRACTIONS ±.015	EXAMINED BY	CHIEF, SEC.
ANGLES ±.5°	APPROVED BY	CHIEF ENGINEER
DO NOT SCALE THIS PRINT	THIS PRINT ISSUED	
	DIV. SEC. 650	CHIEF, DIV. DWG NO 7.1.7
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ORIGINAL DATE OF DRAWING 4/26/70

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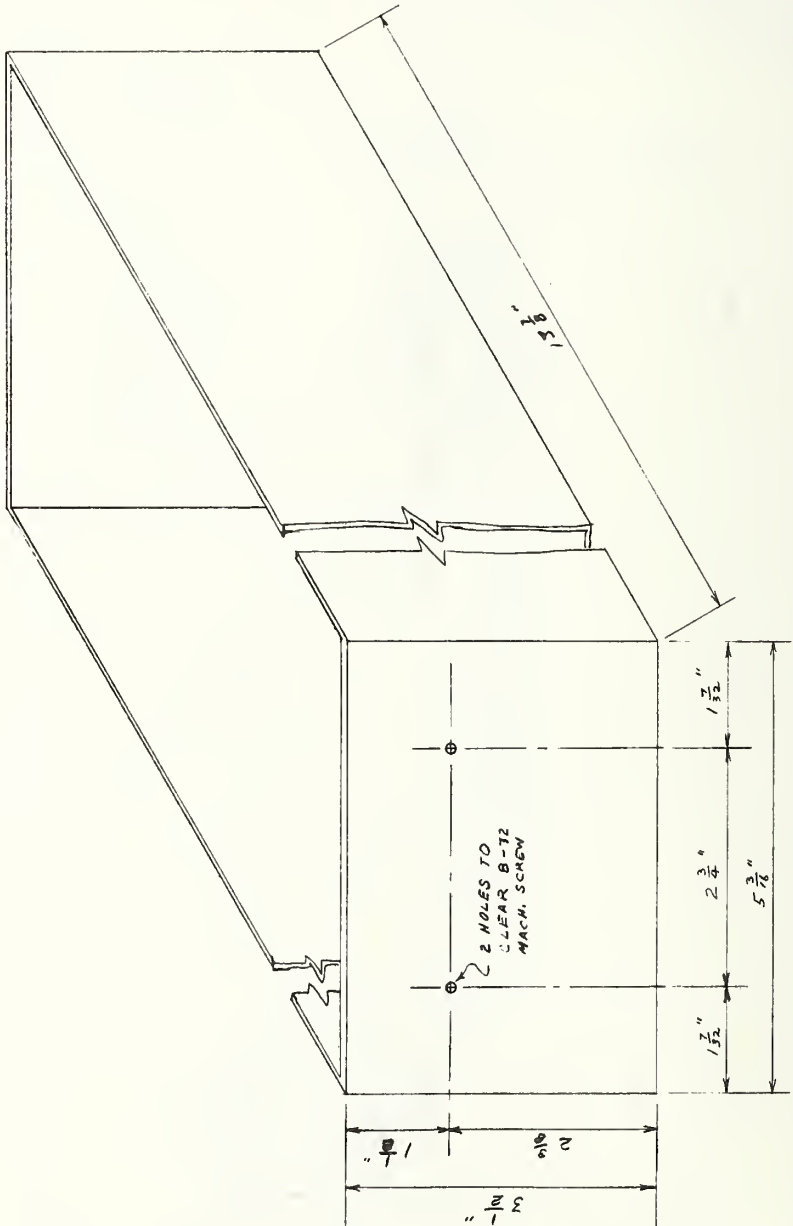
207

Mat'l: Sheet Steel

PIECE NO.	NOMENCLATURE	NO. REQ'D
	NATIONAL BUREAU OF STANDARDS	
	WASHINGTON 25 D. C.	
	KEYBOARD PAN	
FOR APD CONSOLE		
MODEL	TYPE	SCALE 1" = 1"
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAWN BY J. R. Park	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR. J. R. Park	PROJECT ENGR.
DECIMALS ±.003	SUBMITTED BY	
FRACTIONS ±.01	EXAMINED BY	CHIEF, E.C.
ANGLES ±.1°	APPROVED BY	CHIEF ENGINEER
DO NOT SCALE THIS PRINT	THIS PRINT ISSUED	CHIEF DIV.
BY: H.C.	650	DWG NO 7.1.9
	03	

ORIGINAL DATE OF DRAWING 4-27-72

REVISIONS			DATE
NO.	E C M	CHANGE	
1		3 1/2" WAS 3 9/16"	9/10/73
2		1 1/8" WAS 1 1/4"	9/10/73
3			
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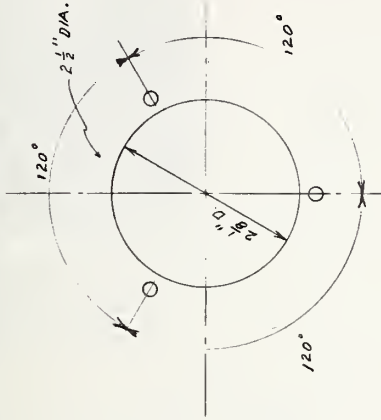


MAT'L: 16 GA. SHEET STEEL

PIECE NO.	NOMENCLATURE	NO. REV.
	NATIONAL BUREAU OF STANDARDS WASHINGTON 25, D. C.	
ACCESSORY DRAWER FOR RPD CONSOLE		
MODEL	TYPE	SCALE FULL SIZE
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAWN BY J.R. Park	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENG. BY J.R. Park	PROJECT ENGR.
DECIMALS .0005	SUBMITTED BY	
FRACTIONS 1/32	EXAMINED BY	CHIEF, SEC.
ANGLES 1/4°	APPROVED BY	CHIEF ENGINEER
DO NOT SCALE THIS PRINT	THIS PRINT ISSUED	CHIEF, DIV.
DIV. SEC.	650	
		DWS NO 7.1.10

ORIGINAL DATE OF DRAWING: 4-20-72

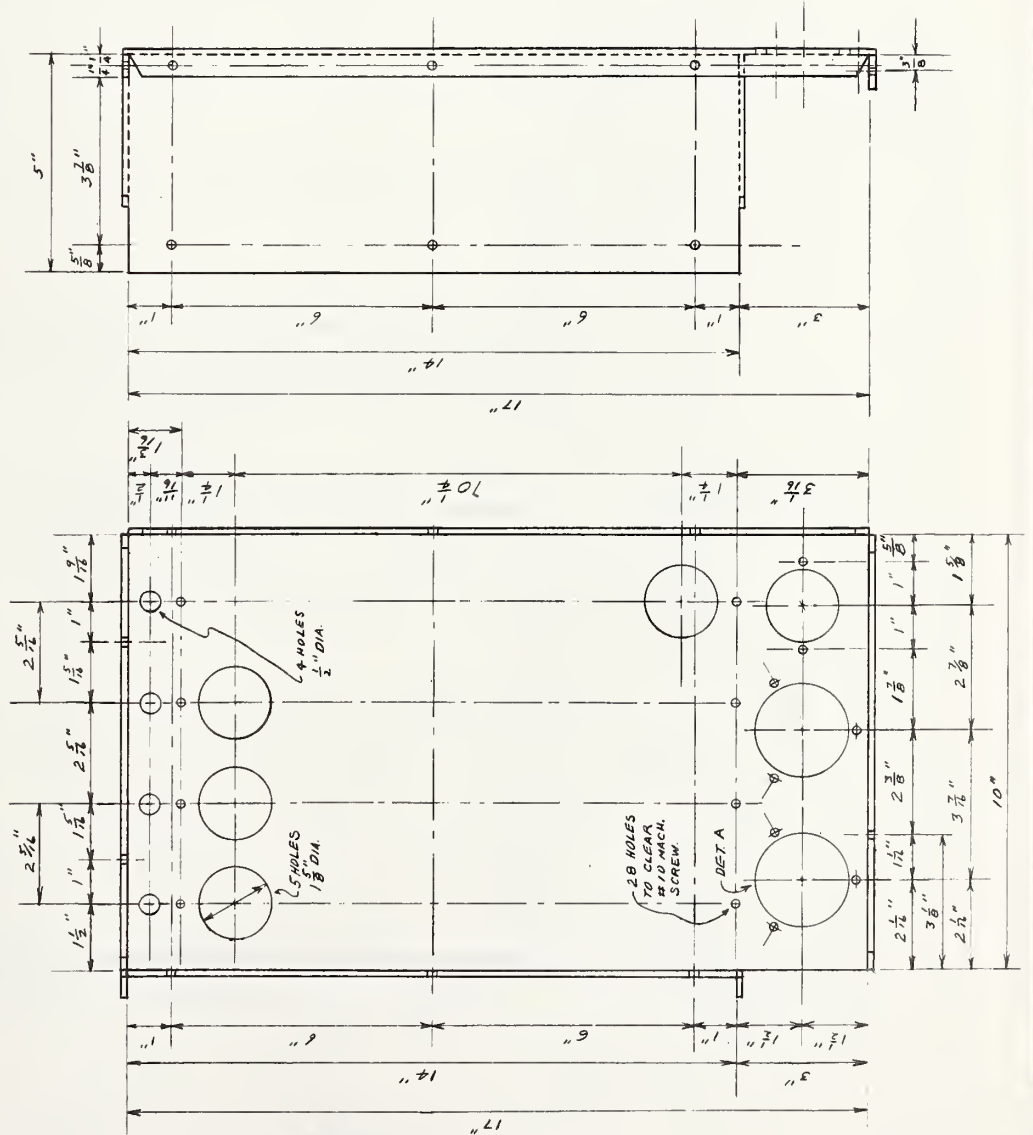
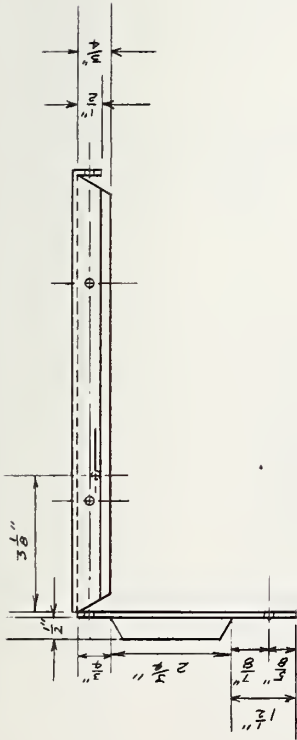
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DETAIL A
Scale: Full Size

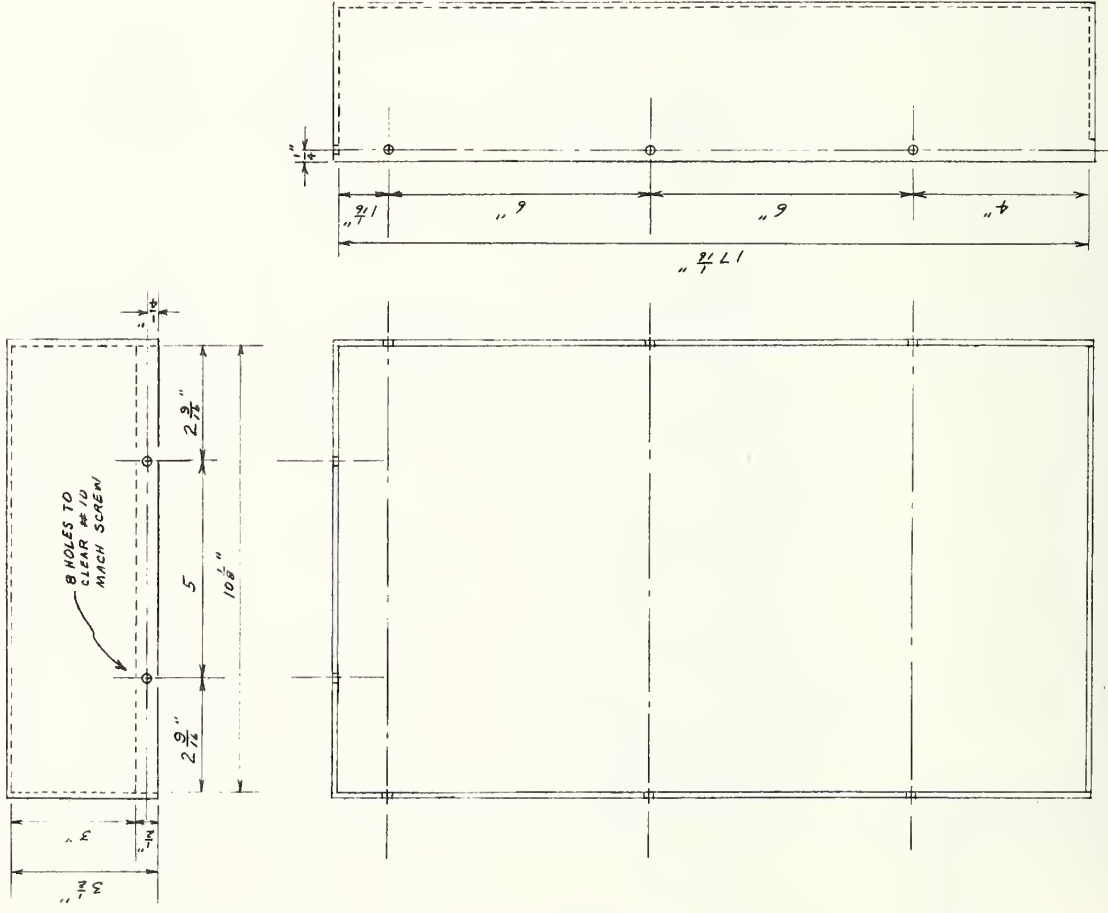
Mat'l: 16 Ga. Steel Sheet.

PIECE NO.	NOMENCLATURE	NO.	NO.
		NO. 1	NO. 2
NATIONAL BUREAU OF STANDARDS WASHINGTON 25 D.C.			
FOR RPD CONSOLE			
MODEL	TYPE	SCALE	1" = 1"
DIMENSIONS IN INCHES (Unless otherwise specified)		DRAWING	CHECKER
TOLERANCES (Unless otherwise specified)		PROJECT	PROJECT ENGR.
DECIMALS ± .005		SUBMITTED BY	
ANGLES ± .5°		EXAMINED BY	CHIEF, SEC.
DO NOT SCALE THIS PRINT		APPROVED BY	CHIEF ENGINEER
BY: AS		THIS PRINT ISSUED	
150		DWG NO 7.1.11	
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ORIGINAL DATE OF DRAWING 4-11-72

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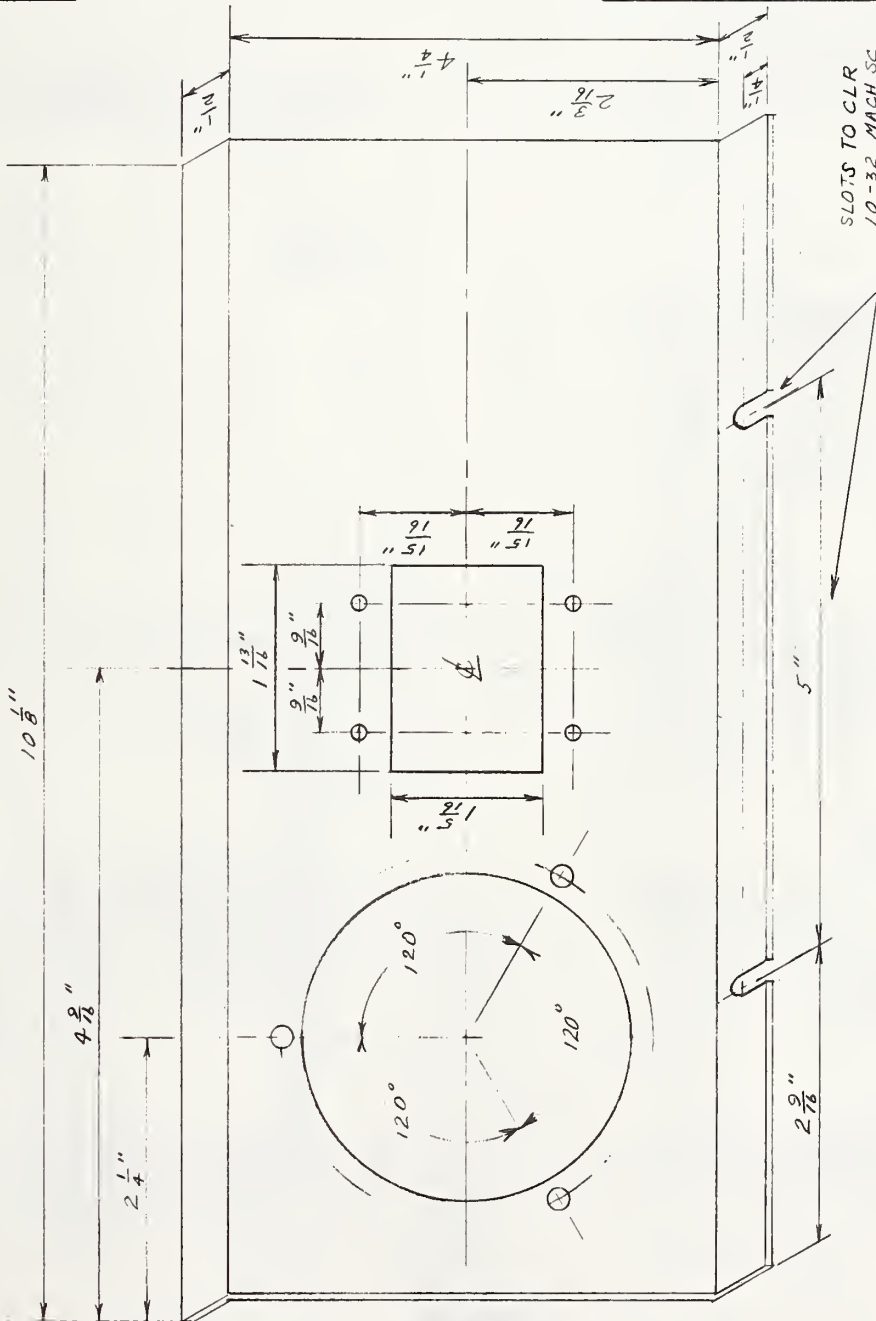
Mat'l: 16 ga Sht Steel

FILE NO.	NOMENCLATURE	NO.	REV.
NATIONAL BUREAU OF STANDARDS WASHINGTON 25, D. C.			
FOR RPD CONSOLE			
MODEL	TYPE	SCALE	1/4" = 1"
DRAWN BY J.R. Park	CHECKER	PROJECT ENGR.	
SUBMITTED BY		CHIEF, REC.	
EXAMINED BY		CHIEF ENGINEER	
APPROVED BY		CHIEF DIV.	
DIV. SEC.	THIS PRINT ISSUED		
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DWG. NO 7.1.12			

ORIGINAL DATE OF DRAWING 4/15/74

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MAT'L: 16 GA AL

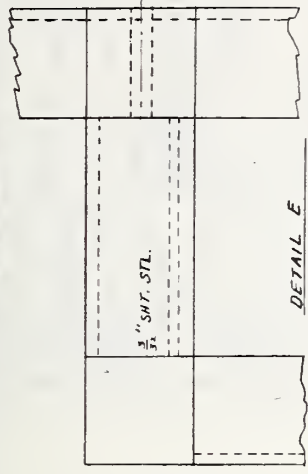
PIECE NO. NOMENCLATURE NO. RECD

NATIONAL BUREAU OF STANDARDS
WASHINGTON, D. C. 20234

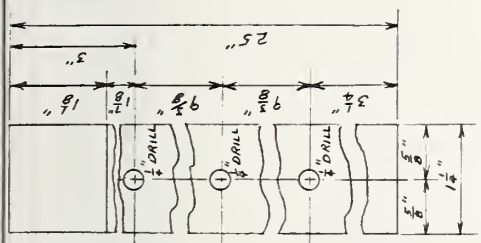
RUNNING TIME METER MOUNT
FOR RPD CONSOLE

MODEL	TYPE	SCALE	FS
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN J R PARK	CHECKER	
TOLERANCES (Unless otherwise specified)	PROJECT ENGR P D SHAPE	PROJECT ENDR	
DECIMALS ±.005	SUBMITTED BY	CHIEF, SEC.	
FRACTIONS ±.015	EXAMINED BY	CHIEF ENGINEER	
ANGLES ±.1°	APPROVED BY	CHIEF DIV.	
DO NOT SCALE THIS PRINT	THIS PRINT ISSUED		
DIV. SEC. 650			
01			DWG NO 7.1.13

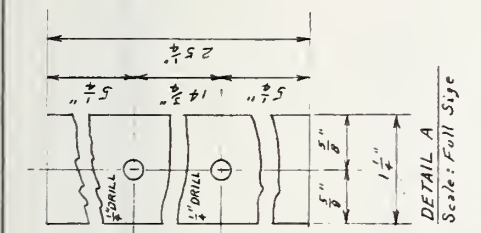
ORIGINAL DATE OF DRAWING		4-12-72	
REVISIONS		CHANGE	DATE
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1		Change Several Note	6/12/72
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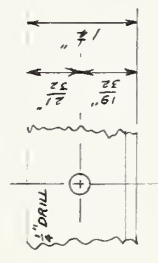
DETAIL E
Scale: Full Size



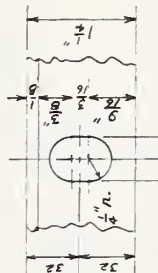
DETAIL B
Scale: Full Size



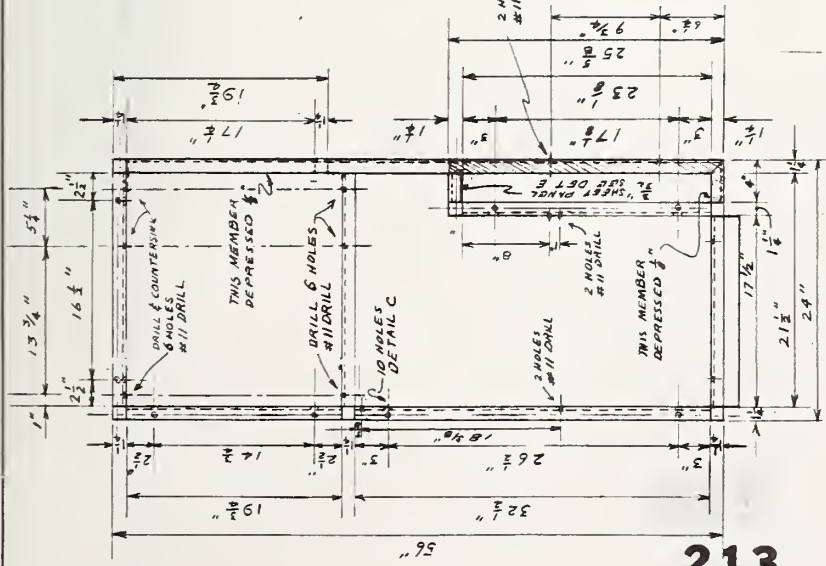
DETAIL A
Scale: Full Size



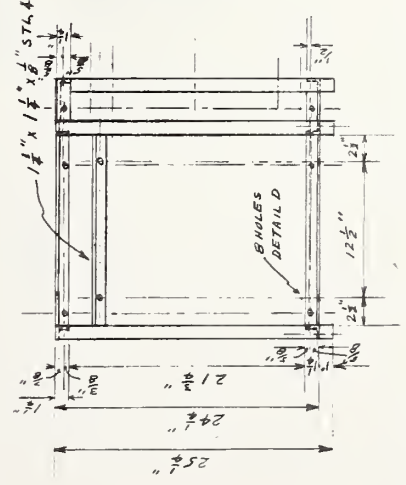
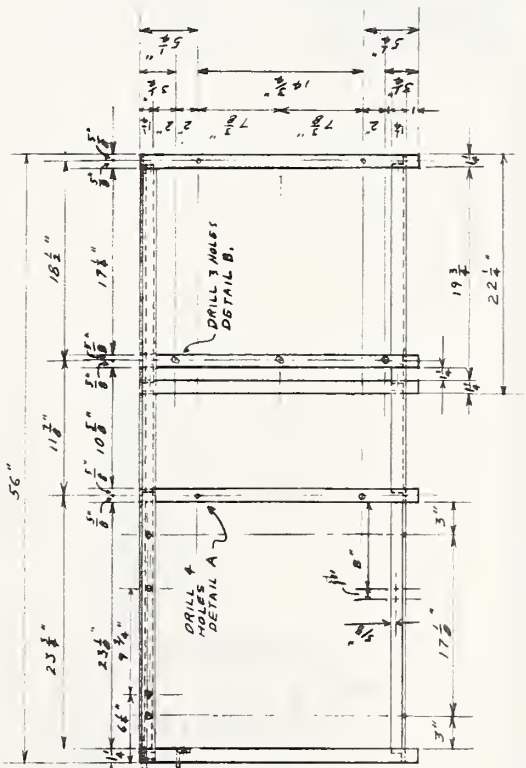
DETAIL D
Scale: Full Size



DETAIL C
Scale: Full Size



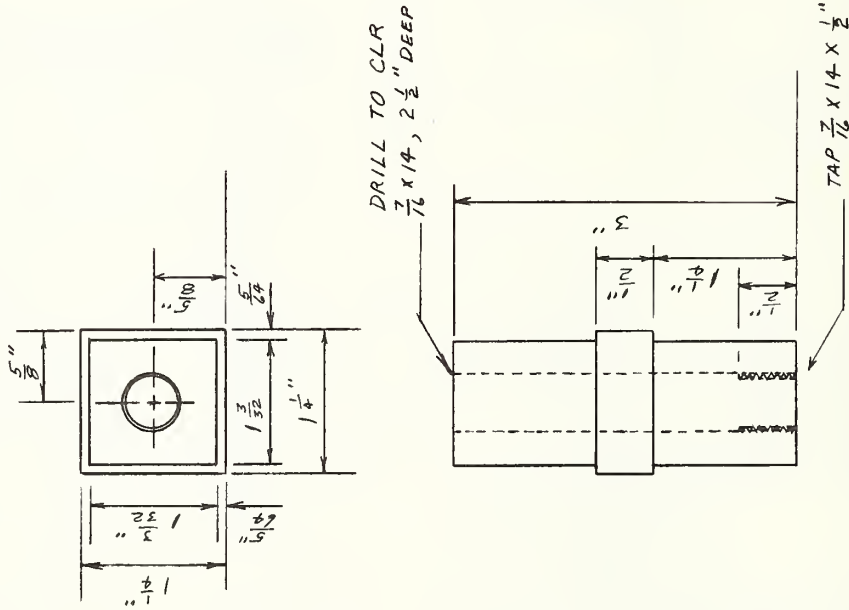
213



PRICE	NOMENCLATURE	FIG. NO.
	NATIONAL BUREAU OF STANDARDS	NO. 0
	WASHINGTON 25, D. C.	
	END FRAME UNIT	
	FOR RPD CONSOLE	
MODEL	TYPE	SCALE
DIMENSIONS IN INCHES	DRAWN BY	$\frac{1}{8}'' = 1''$
(Unless otherwise specified)	J. R. Park	CHECKER
TOLERANCES	PROJECT NO.	PROJECT ENG.
(Unless otherwise specified)	J. R. Park	
DECIMALS	QUANTITY	QUANTITY BY
FRACTIONS	EXAMINED BY	CHIEF, REC.
ANGLES	APPROVED BY	CHIEF ENGINEER
DO NOT SCALE THIS PRINT	THIS PRINT ISSUED	CHIEF DIV.
	650	DWG. NO. 7-1-15
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ORIGINAL DATE OF DRAWING 4/15/74

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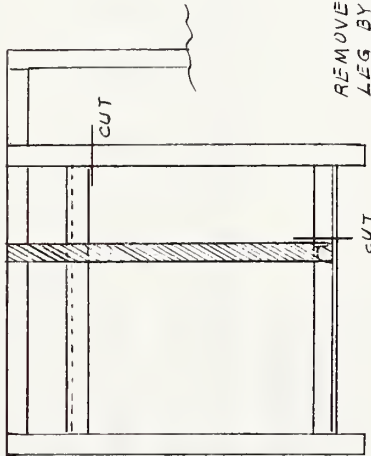


PIECE NO.	NOMENCLATURE	NO. REV. D.
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
TABLE LEG EXTENDERS		
FOR RPD CONSOLE		
MODEL	TYPE	SCALE FS
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAWSMAN JR PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR JR PARK	PROJECT ENGR
DECIMALS ±.008	SUBMITTED BY	
FRACTIONS ±.018	EXAMINED BY	CHIEF, SEC.
ANGLES ±.5'	APPROVED BY	CHIEF ENGINEER
DO NOT SCALE THIS PRINT		
DWG. SEC. 650	THIS PRINT ISSUED	CHIEF, DIV.
.01		DWG NO. 7.1.16

ORIGINAL DATE OF DRAWING 4/11/74

REVISIONS

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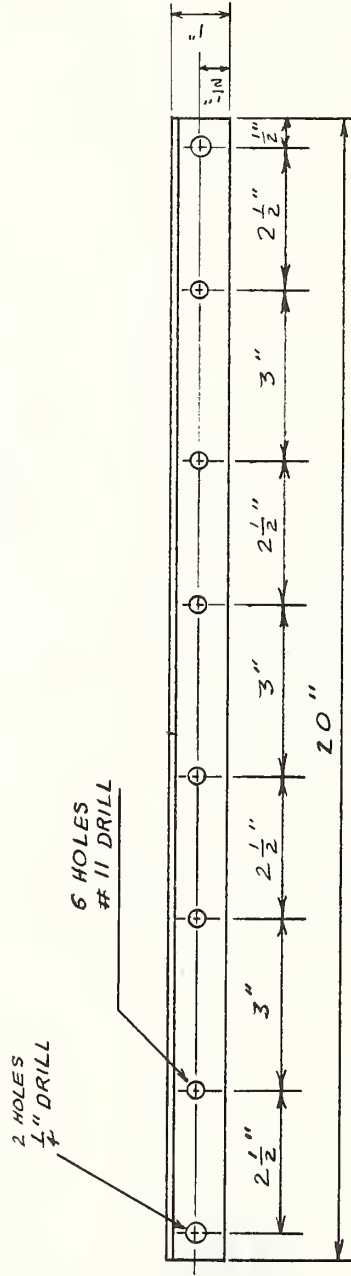
REMOVE LEFT FRONT
LEG BY CUTTING AT
INDICATED POINTS
& INSERT NEW VERT.
MEMBER (SHADED
AREA)

PIECE NO.	NOMENCLATURE		NO.
	NATIONAL BUREAU OF STANDARDS		RPD
	WASHINGTON, D. C. 20234		
ENDORSEMENT MODIFICATION			
FOR RPD CONSOLE			
MODEL	TYPE	SCALE	NA
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN J.R. PARK	CHECKER	
TOLERANCES (Unless otherwise specified)	PROJECT ENGR J.R. PARK	PROJECT ENGR	
DECIMALS ± .008	SUBMITTED BY		
FRACTIONS ± .018	EXAMINED BY		CHIEF, SEC.
ANGLES ± 1/4°	DO NOT SCALE THIS PRINT		CHIEF ENGINEER
BIV. SEC.	THIS PRINT ISSUED		CHIEF, DIV.
650	.01		DWG NO 7.1.17

ORIGINAL DATE OF DRAWING 4/11/74

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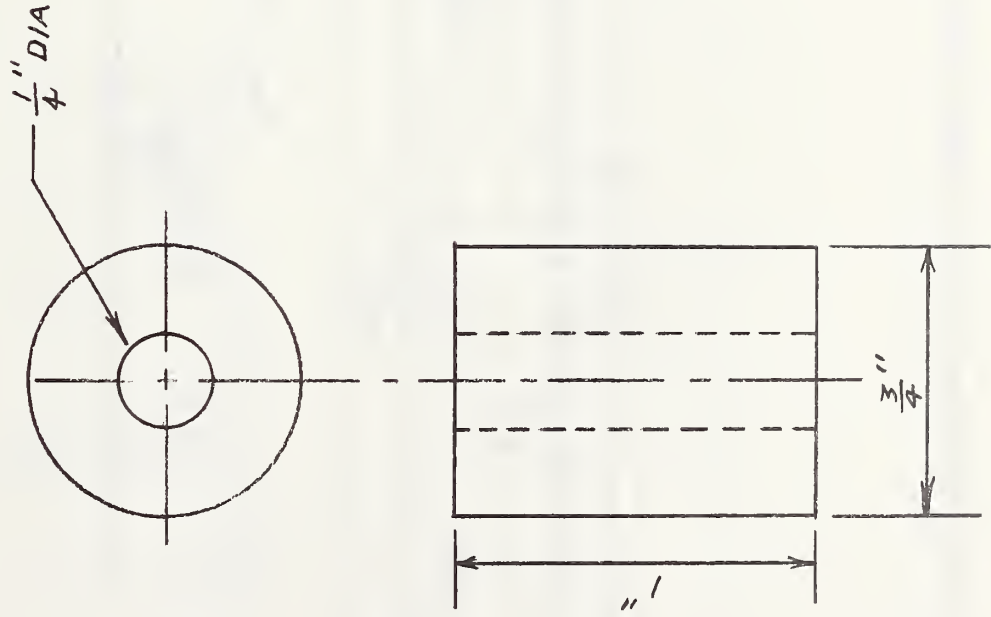
MAT'L: 1" X 1/8" STL ANGLE

PIECE NO.	NOMENCLATURE	NO. RED'D
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
FOR TRANSFORMER RAIL <i>FOR RPD CONSOLE</i>		
MODEL	TYPE	SCALE 1/2" = 1"
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAWN BY <i>JR PARK</i>	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR. <i>JR PARK</i>	PROJECT ENDR.
DECIMALS ±.008	SUBMITTED BY	
FRACTIONS ±.015	EXAMINED BY	CHIEF, BRC.
ANGLES ±.5°	APPROVED BY	CHIEF ENGINEER
DO NOT SCALE THIS PRINT	THIS PRINT ISSUED	CHIEF, DIV.
DIV. BCL.	650	
.01		
		DWG NO 7.1.1B

216

ORIGINAL DATE OF DRAWING 4/10/74

REVISIONS			
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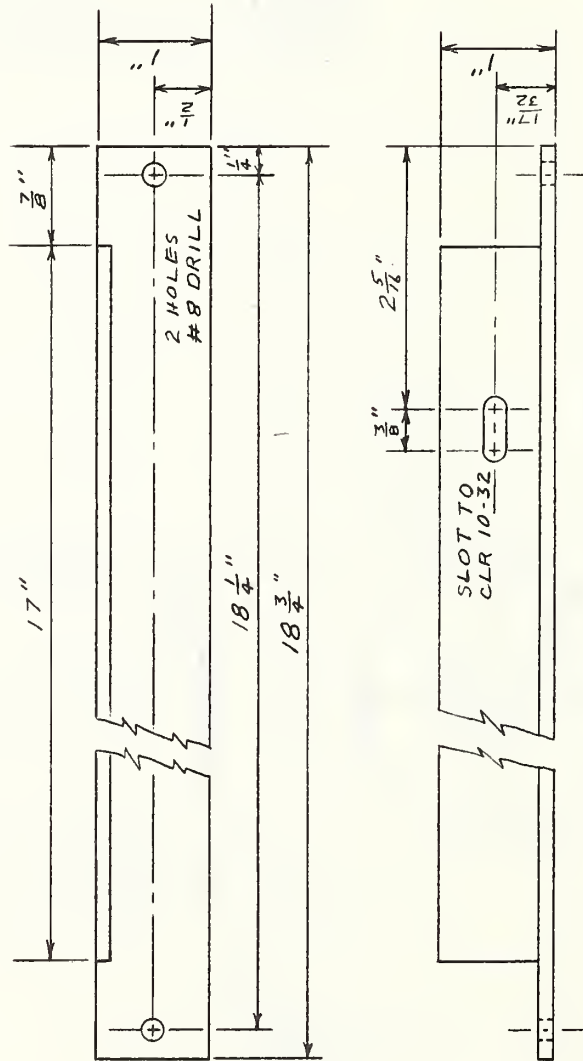
MAT'L: AL

PIECE NO.	NOMENCLATURE	NO. REQ'D
	NATIONAL BUREAU OF STANDARDS WASHINGTON 25, D. C.	
	SUPPORT SPACER	
	FOR TRANSFORMER RAIL	
MODEL	TYPE	SCALE 2X
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JR PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR. JR PARK	PROJECT ENGR.
DECIMALS ±.005	SUBMITTED BY	CHIEF, SEC.
FRACTIONS ±.015	EXAMINED BY	CHIEF ENGINEER
ANGLES ± 1/2°	DO NOT SCALE THIS PRINT	APPROVED BY
DIV. SEC. 650	THIS PRINT ISSUED	CHIEF, DIV.
.01		DWG NO 7.1.19

ORIGINAL DATE OF DRAWING 4-10/74-

REVISIONS

NO.	E	C	N	CHANGE	DATE
1					
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218

MAT'L: 1" X 1" X 1/8" STL ANGLE

PIECE NO. _____ NOMENCLATURE _____ NO. _____ REV. _____

NATIONAL BUREAU OF STANDARDS
WASHINGTON, D. C. 20234

SUPPORT ANGLE

FOR DROP LEAF

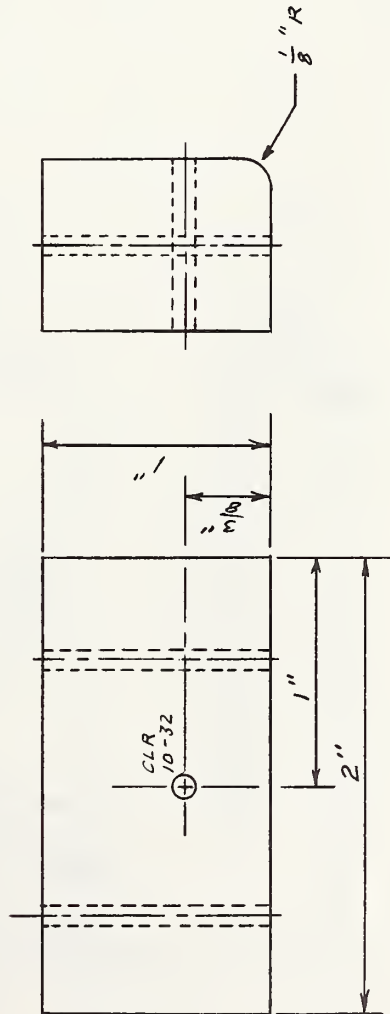
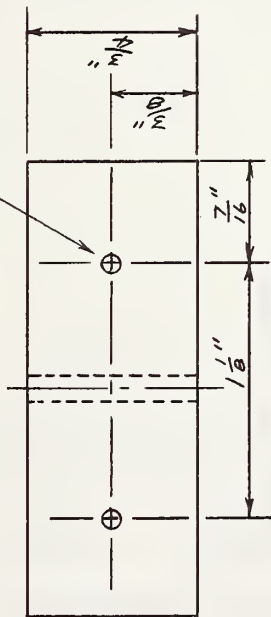
MODEL	TYPE	SCALE	FS
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN J R PARK	CHECKER	
TOLERANCES (Unless otherwise specified)	PROJECT ENGR P D SHAPIRO	PROJECT ENGR	
DECIMALS ±.005	SUBMITTED BY		
FRACTIONS ±.015	EXAMINED BY	CHIEF, SEC.	
ANGLES ±1/4°	APPROVED BY	CHIEF ENGINEER	
DO NOT SCALE THIS PRINT	THIS PRINT ISSUED	CHIEF, DIV.	
DIV. SEC. 650	DWG NO 7.1.20		

ORIGINAL DATE OF DRAWING 4/10/74

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NO.	E	C	N	CHANGE	DATE
1					
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4					

2 HOLES, DRILL
THRU $\frac{1}{4}$ " TAP
10-32 x $\frac{1}{2}$ " DEEP



MAT'L: AL

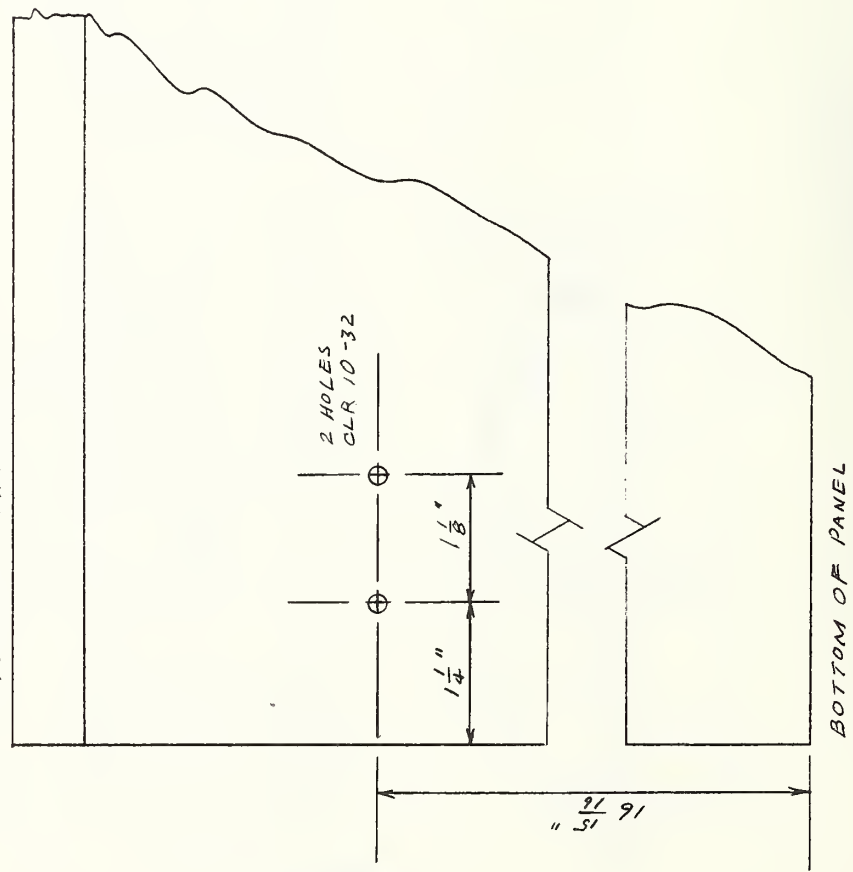
PIECE NO.	NOMENCLATURE	NO. REQ'D
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
SPACER BLOCK FOR DROP LEAF MOUNT		
MODEL	TYPE	SCALE 2 X
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN J. R. PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR. P. B. SHUPE	PROJECT ENGR.
DECIMALS ± .005	SUBMITTED BY	
FRACTIONS ± DIS	EXAMINED BY	CHIEF, SEC.
ANGLES ± N°	APPROVED BY	CHIEF ENGINEER
DO NOT SCALE THIS PRINT	THIS PRINT ISSUED	
DIV. SEC. 650		DWG NO 7.1.21
.01		

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NO.	E	C	M	CHANGE	DATE
1					
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TOP OF PANEL

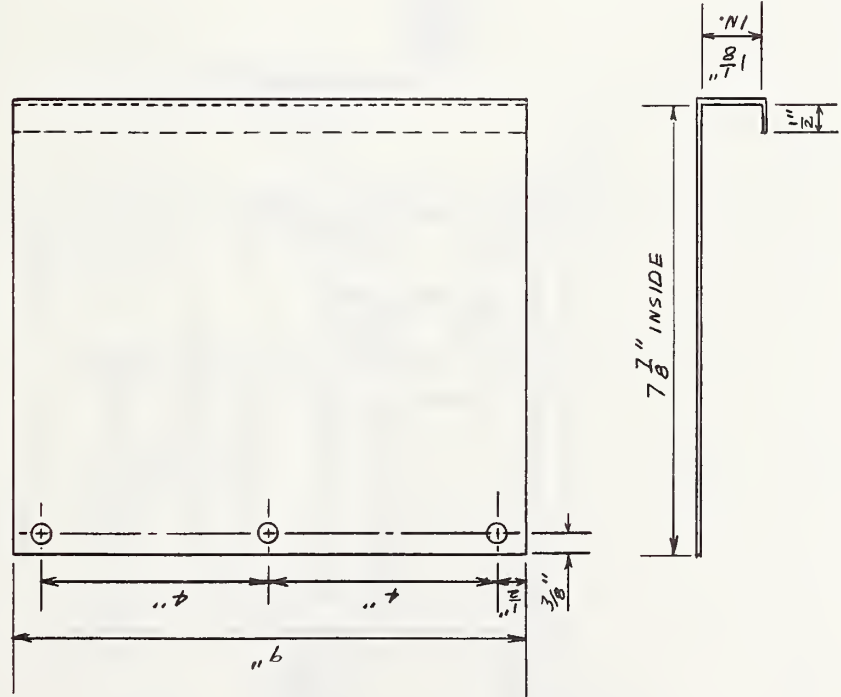


220

PRICE NO.	NOMENCLATURE	NO. RECD.
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
<i>DRILLING PATTERN</i>		
FOR DROP LEAF SUPPORT		
MODEL	TYPE	SCALE /FS
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JR PARK	CHECKER
DECIMALS ±.008	PROJECT ENGR. JR PARK	PROJECT ENGR.
FRACTIONS ±.015	SUBMITTED BY	
ANGLES ±M'	EXAMINED BY	CHIEF, SEC.
DO NOT SCALE THIS PRINT	APPROVED BY	CHIEF ENGINEER
DIV. SEC.	THIS PRINT ISSUED	CHIEF, DIV.
650		
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		DWG NO 7-1.22

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MAT'L: 16 GA STL

PIECE NO.	NOMENCLATURE	NO. REQ'D
NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234		
PAPER CATCHER MOUNT FOR RPD		
MODEL	TYPE	SCALE 1/2" = 1"
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JR PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR PDSHUPE	PROJECT ENGR
DECIMALS ±.005	SUBMITTED BY	
FRACTIONS ±.015	EXAMINED BY	CHIEF, SEC.
ANGLES ±1/4°	APPROVED BY	CHIEF ENGINEER
DO NOT SCALE THIS PRINT	THIS PRINT ISSUED	
DIV. SEC. 650		CHIEF, DIV.
.01		DWG NO. 7-1-23

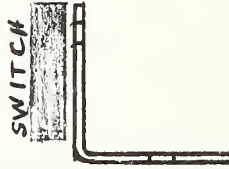
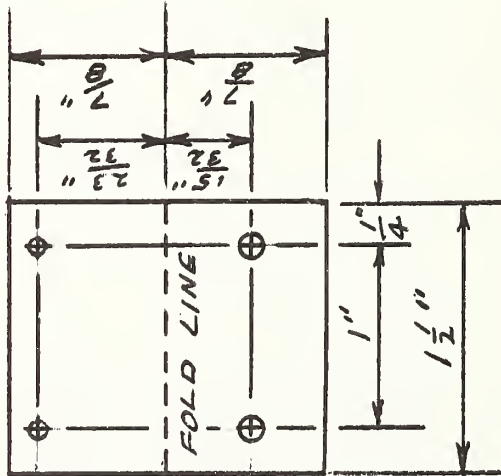
ORIGINAL DATE OF DRAWING 4/10/74

REVISIONS

NO.	E. C. N.	CHANGE	DATE
1			
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4			

2 HOLES
#33 DRILL

2 HOLES
#28 DRILL



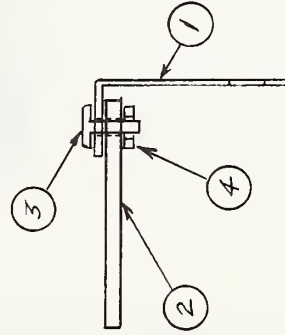
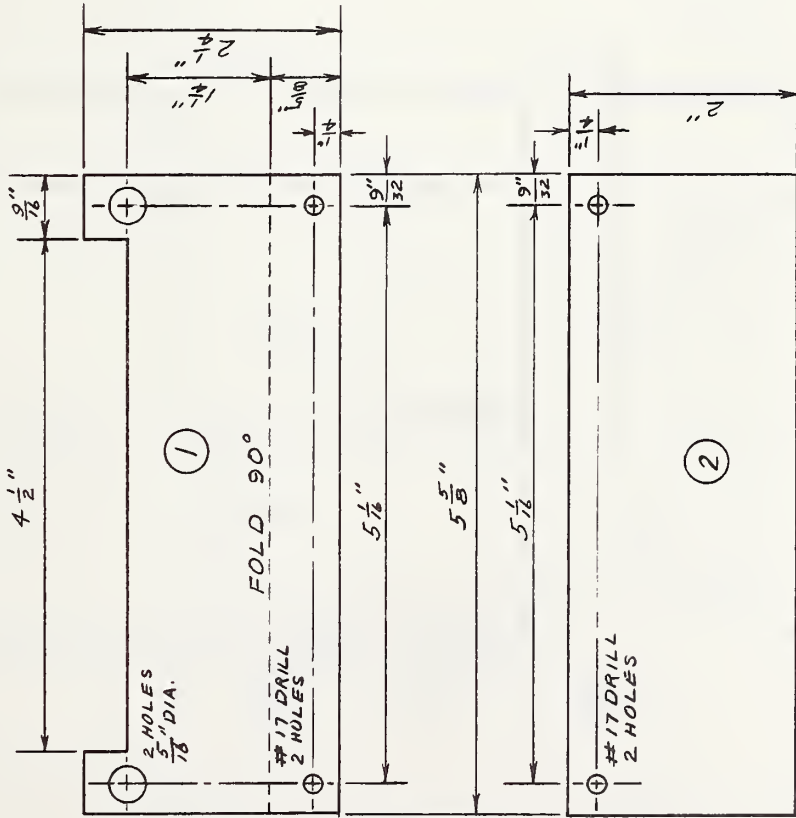
222

PIECE NO.	NOMENCLATURE	NO. REQ'D
	NATIONAL BUREAU OF STANDARDS WASHINGTON 25, D. C.	
	SWITCH MOUNTING BRACKET	
	FOR RPD PAPER BIN	
MODEL	TYPE	SCALE FS
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN J R PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR. PD SHUPE	PROJECT ENGR.
DECIMALS ±.002	SUBMITTED BY	CHIEF. SEC.
FRACTIONS ±.015	EXAMINED BY	CHIEF ENGINEER
ANGLES ±1/2°	APPROVED BY	CHIEF. DIV.
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DIV. SEC. 650		DWG NO. 7.1.24
.01		

ORIGINAL DATE OF DRAWING 4/10/74

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4	8-32 HEX NUT	2
3	8-32 x 3/8" BIND HD MACH SC	2
2	1/8" PLEXIGLASS GUARD	1
1	1/8 GA. AL BRACKET	1

PIECE NO.	NOMENCLATURE	NO. REQ'D
NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234		
TERMINAL GUARD		
FOR RPD		

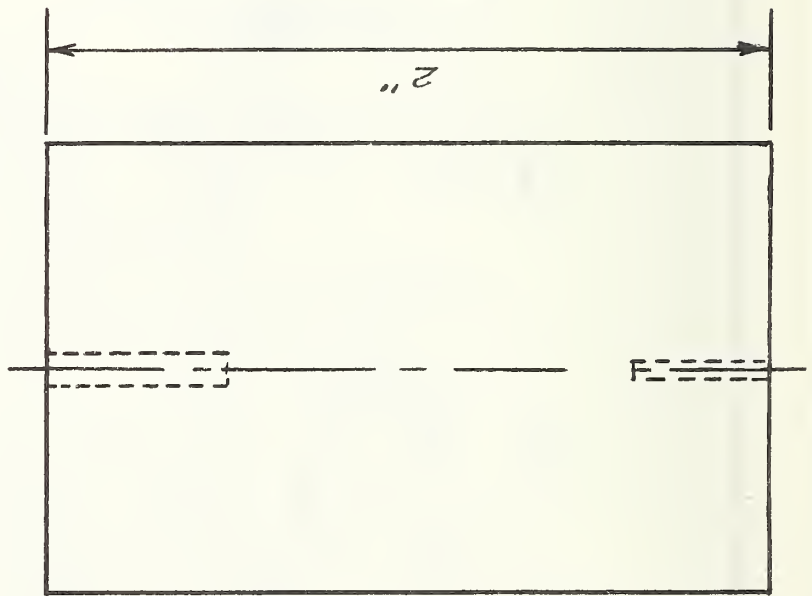
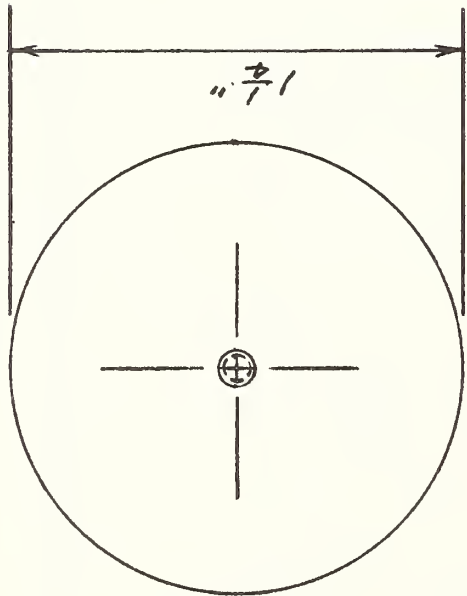
MODEL	TYPE	SCALE
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN J R PARK	F/S
TOLERANCES (Unless otherwise specified)	PROJECT ENGR J R PARK	CHECKER
DECIMALS ±.008	SUBMITTED BY	PROJECT ENGR.
FRACTIONS ±.018	EXAMINED BY	CHIEF, SEC.
ANGLES ±1/4°	APPROVED BY	CHIEF ENGINEER

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BV. SEC. 650	CHIEF, DIV.
.01	DWG NO 7-1.25

ORIGINAL DATE OF DRAWING 4/9/74

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NO.	E. C. N.	CHANGE	DATE
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MAT'L: 1 1/4" AL ROD

PIECE NO. NOMENCLATURE NO. REQ'D

NATIONAL BUREAU OF STANDARDS

WASHINGTON 25, D. C.

LEGS FOR DISPLAY UNIT

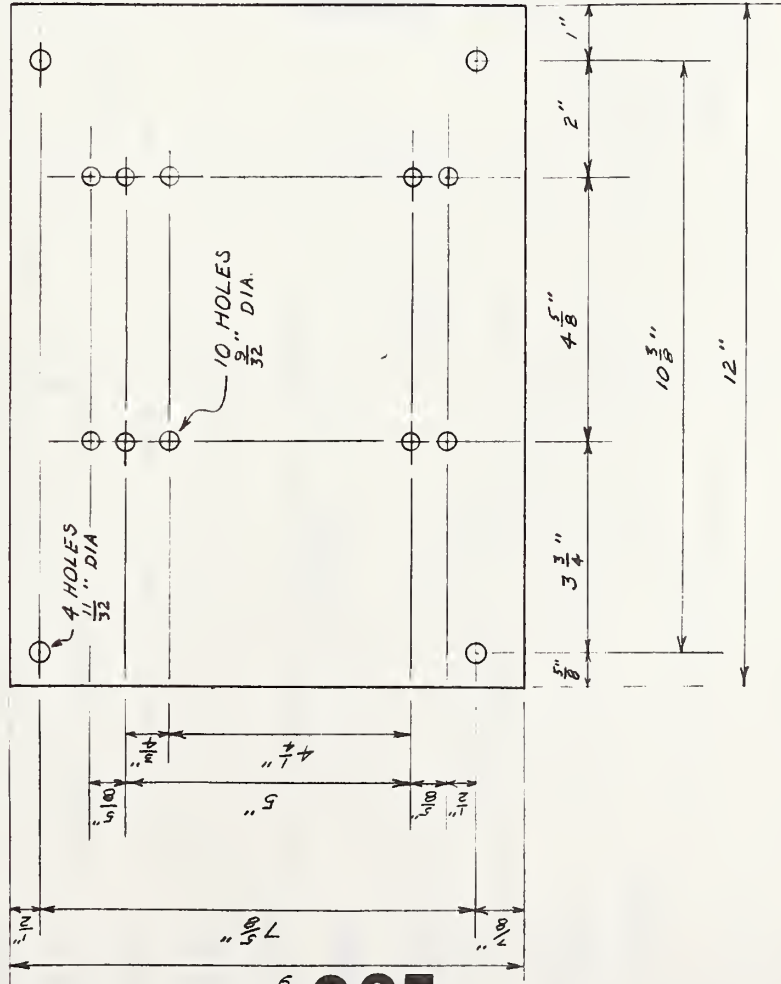
FOR RPD

MODEL	TYPE	SCALE
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JR PARK	2X
TOLERANCES (Unless otherwise specified)	PROJECT ENGR. PDSHUPE	CHECKER
DECIMALS ±.005	SUBMITTED BY	PROJECT ENGR.
FRACTIONS ±.015	EXAMINED BY	CHIEF, SEC.
ANGLES ±1/2°	APPROVED BY	CHIEF ENGINEER
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DIV. SEC. 650		
.01		

DWG NO. 7.1.26

ORIGINAL DATE OF DRAWING 11/14/72

REVISIONS		
NO	E C N	DATE
1	CHANGE	
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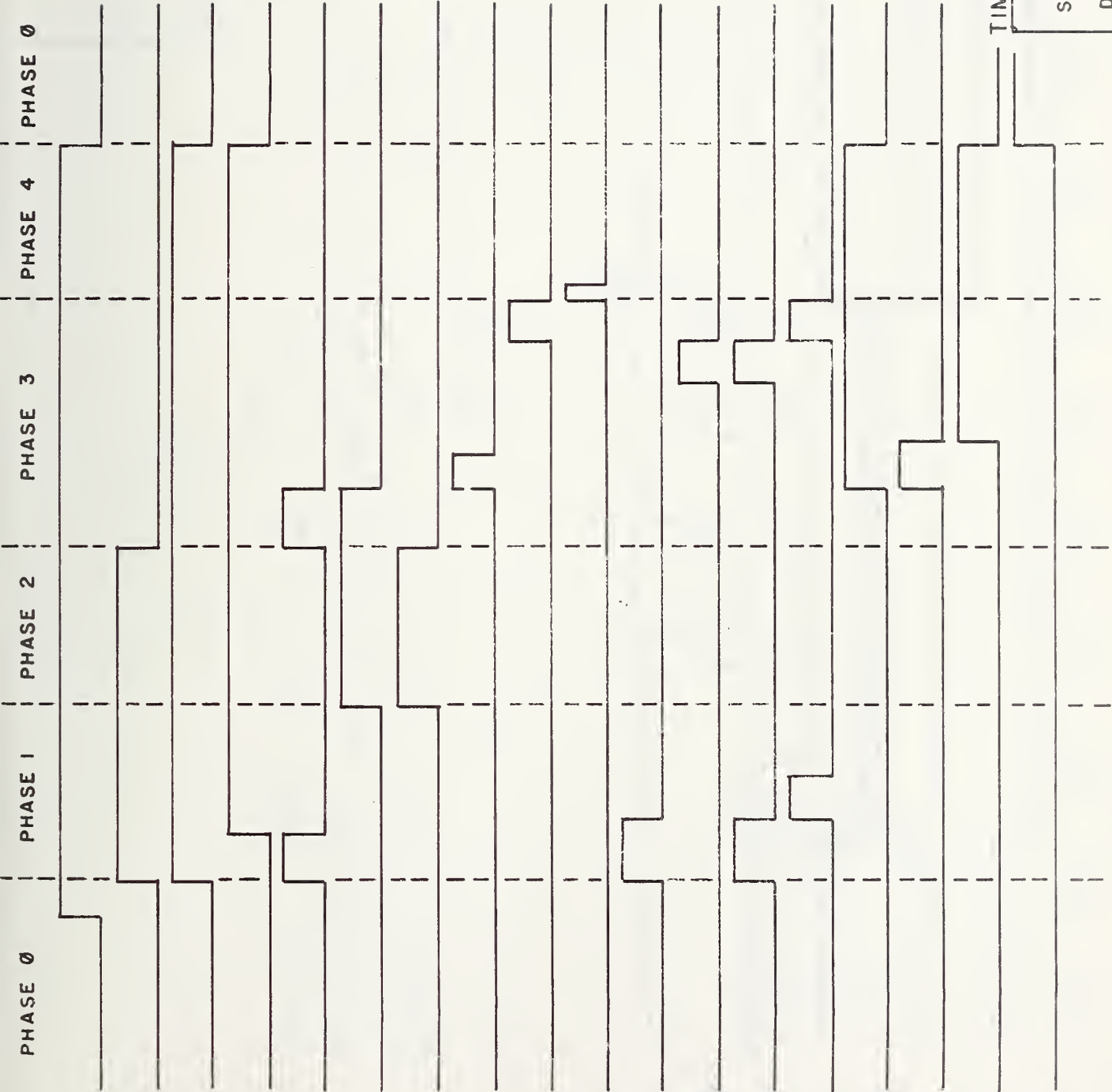


MAT'L: 1/8" AL.

PIECE NO.	NOMENCLATURE	NO. REQ'D
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
FOR TRANSFORMER MOUNTING PLATE		
MODEL	TYPE	SCALE 1 1/2" = 1"
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN WR PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR. PD SHUPE	PROJECT ENGR.
DECIMALS ± .005	SUBMITTED BY	
FRACTIONS ± .015	EXAMINED BY	CHIEF, SEC.
ANGLES ± .5°	APPROVED BY	CHIEF ENGINEER
DO NOT SCALE THIS PRINT	THIS PRINT ISSUED	
DWG. SEC. 650		RPD 7.1.27

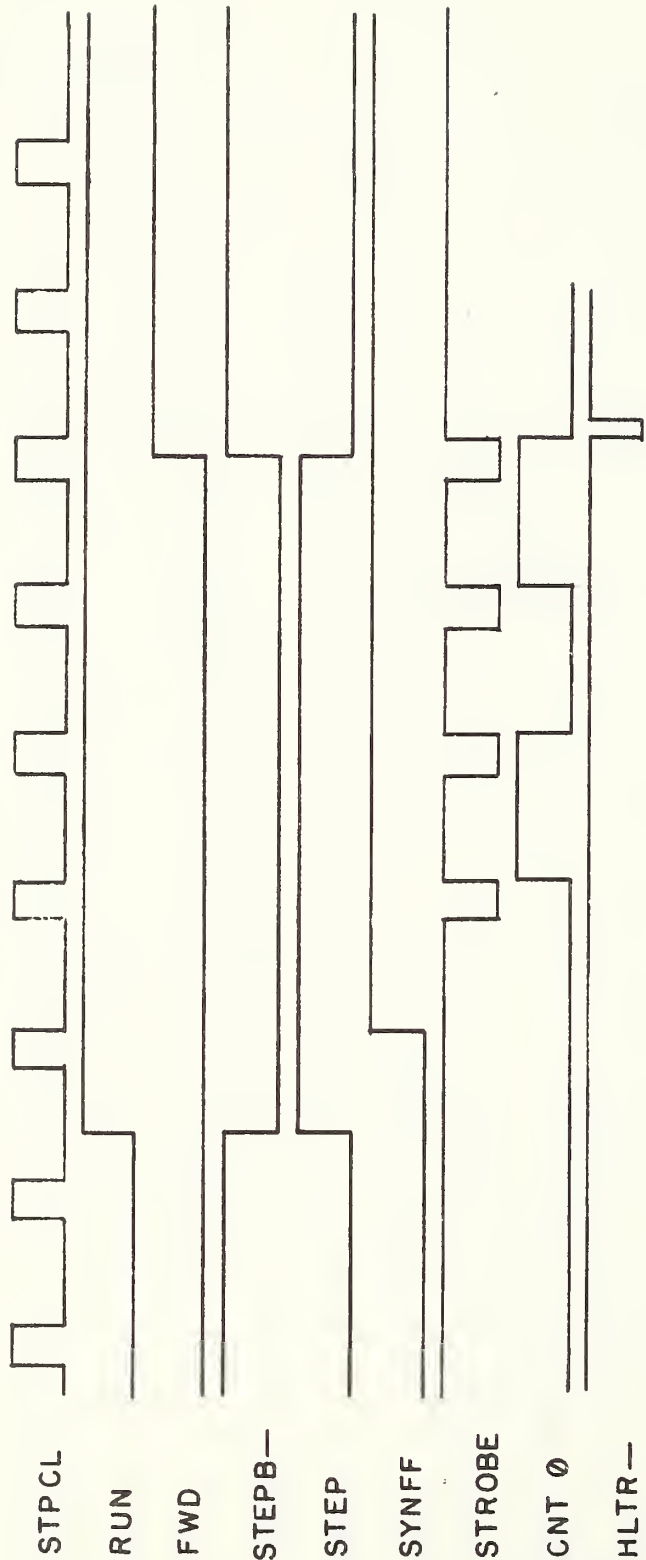
225

8.0 LABELER



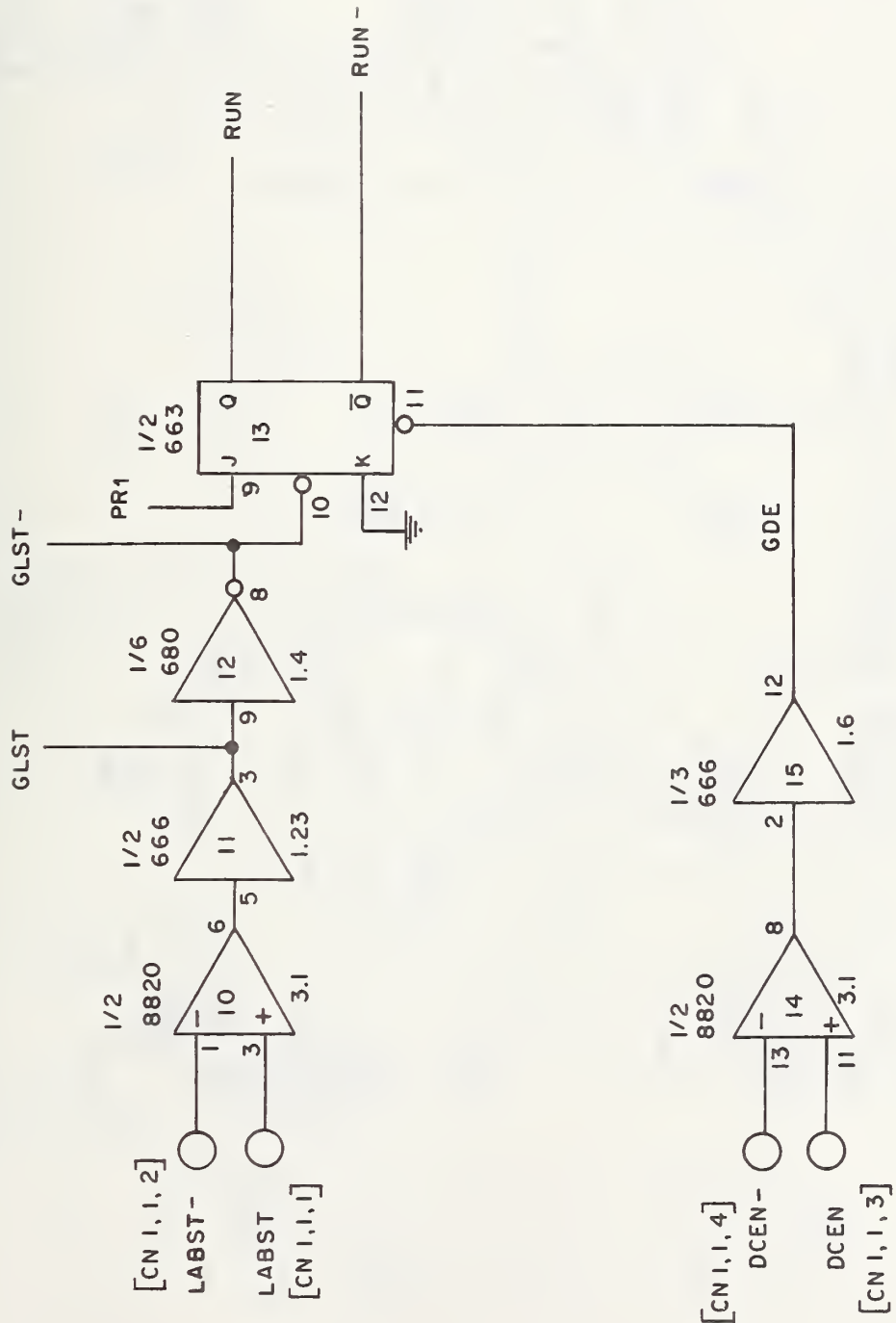
TIMING DIAGRAM-SH.1
 LBLG
 SEQUENCER LOGIC

Date: 3/29/74



228

TIMING DIAGRAM--SH. 2
 LBLG
 SEQUENCER LOGIC
 Date 3/29/74
 8.1.2

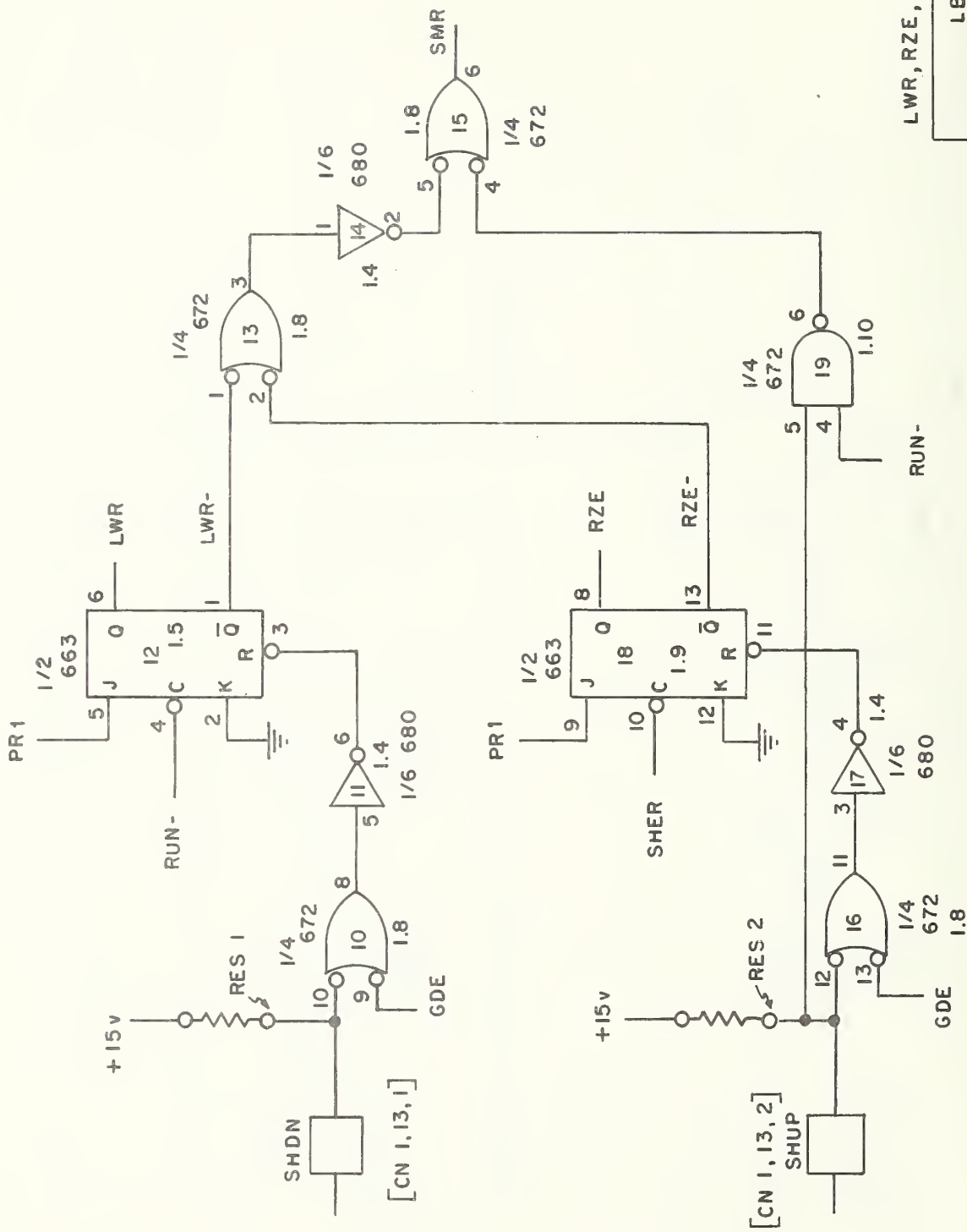


RUN, GDE

LBLG

No. 4
Date 4/4/73

6.2.1



LWR, RZE, SMR

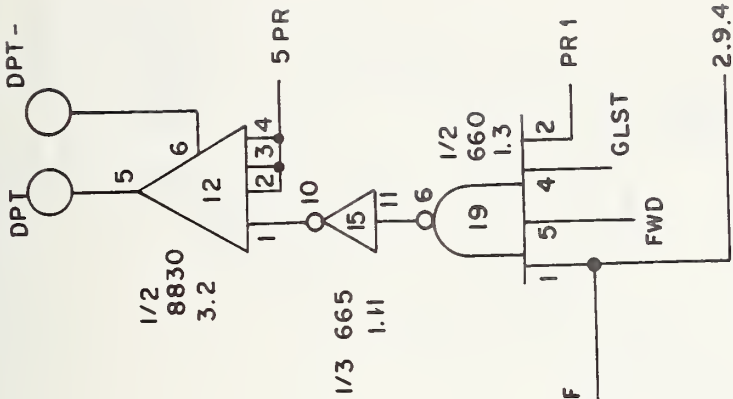
LBLG

No. 2

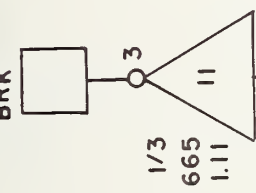
Date 4/4/73

8.2.2

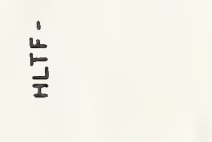
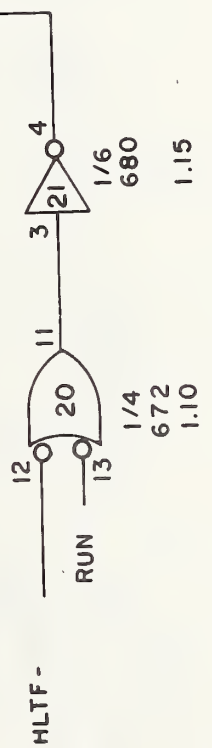
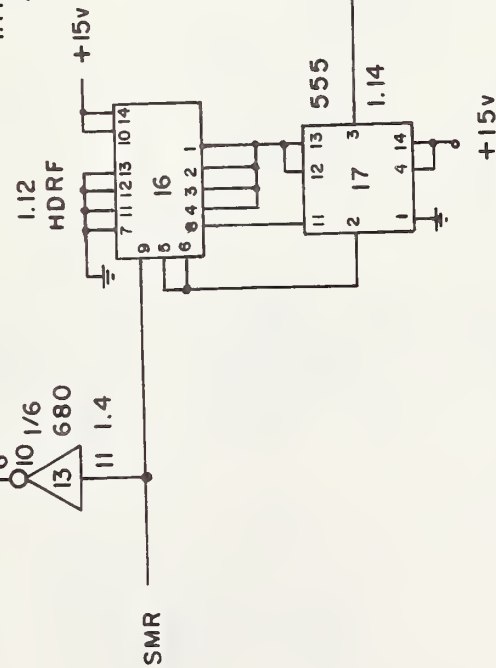
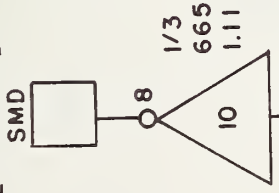
[CN 1,1,17] [CN 1,1,18]



[CN 1,13,4]



[CN 1,13,3]



SMD, BRK, DPT, DTFE

LBLG

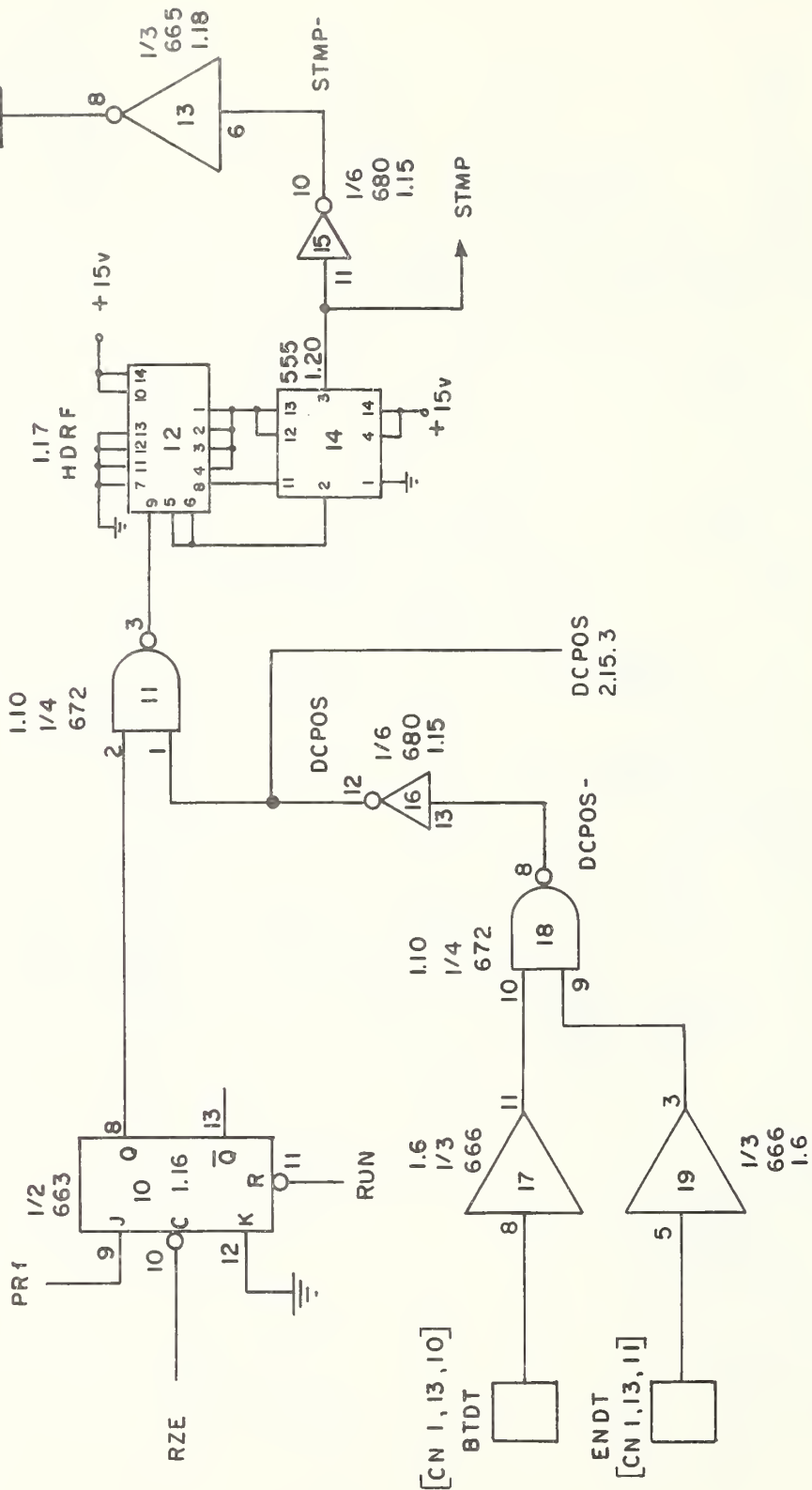
No. 3

Date 4/5/73

8.2.3

[CN 1,13,5]

STMPD

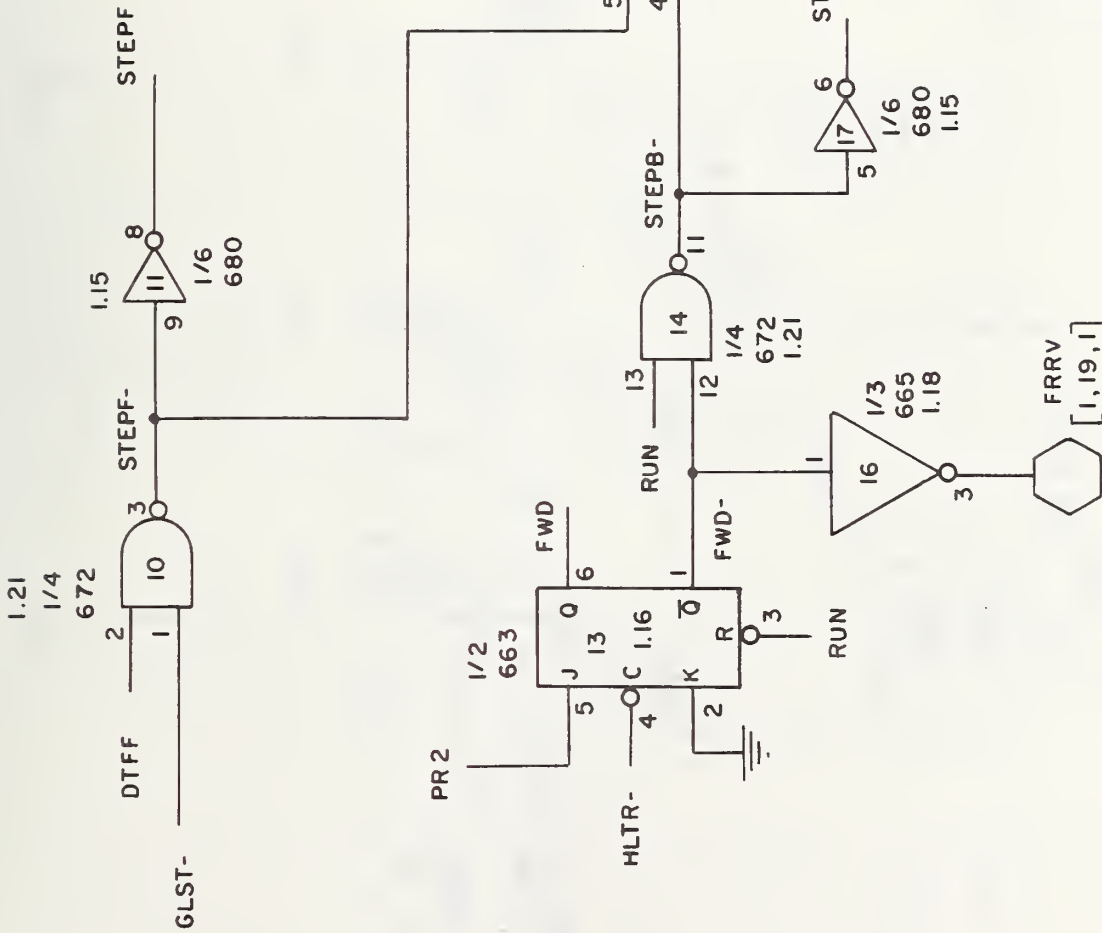


DC, POS, STMP

L B L G

No. 4

Date 4/4/73



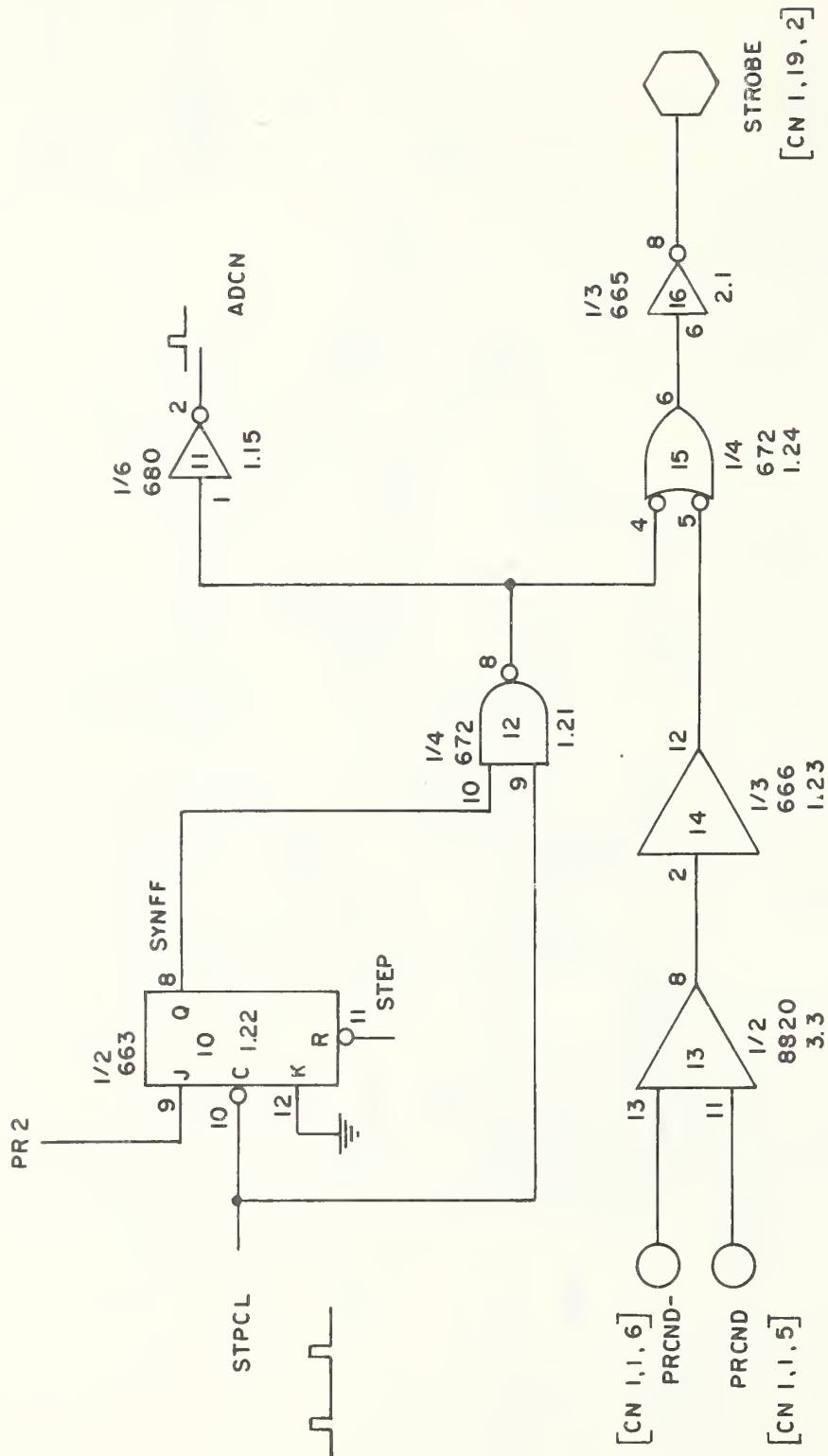
FWD, STEPF
 STEPB, STEP, SPCH

LBLG

No. 5

Date 4/5/73

8.2.5



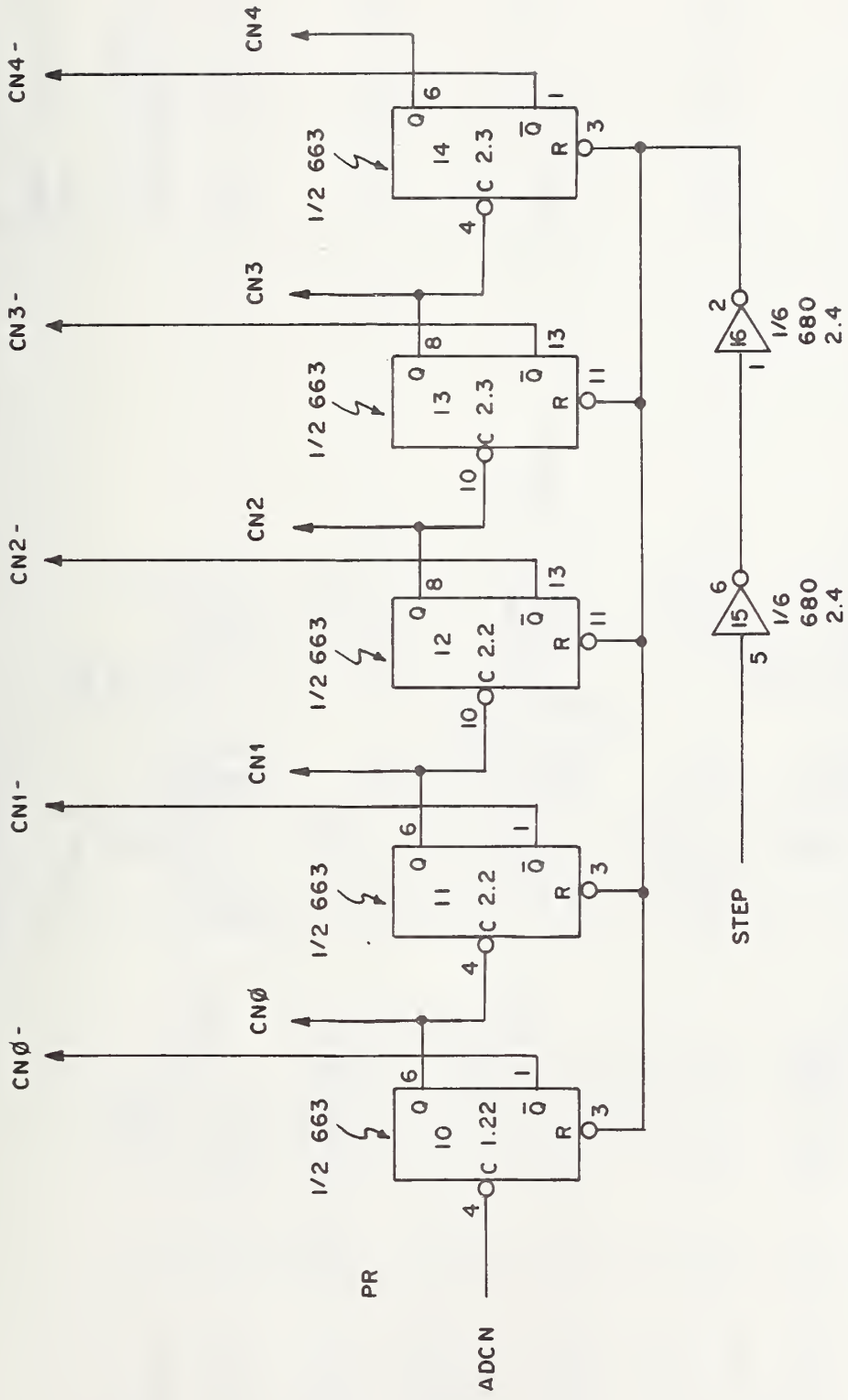
SYNFF, ADCN, STROBE

LBLG

No. 6

Date 4/5/73

8.2.6



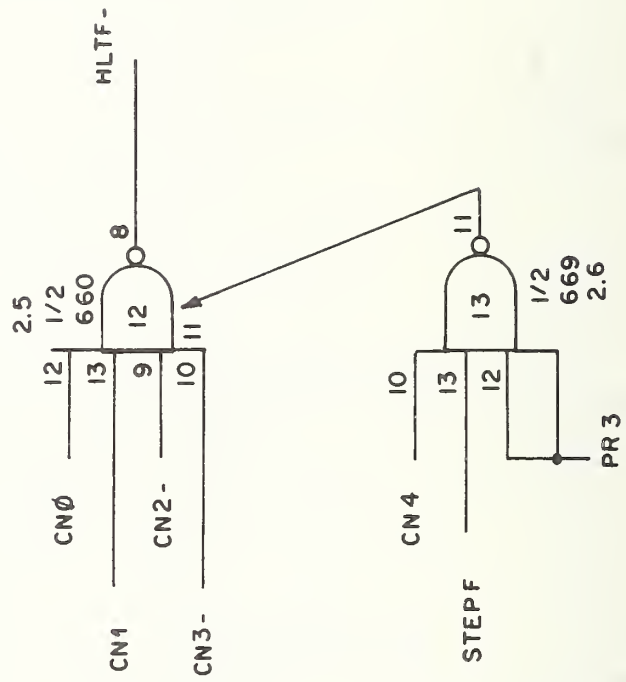
COUNTER

LBLG

No. 7

Date 4/5/73

6.2.7



HLTR, HLTF

L B L G

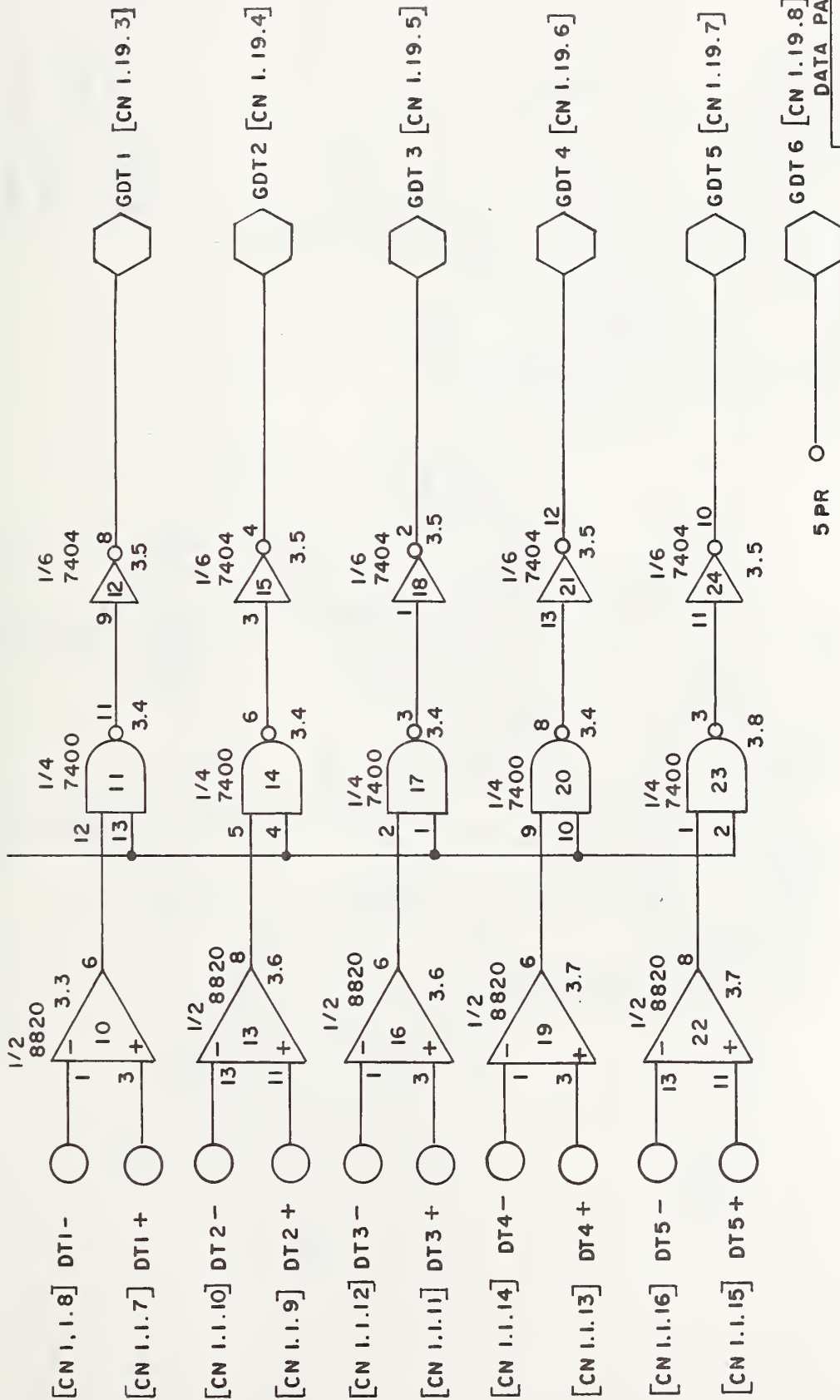
No. 8

Date 4/5/73

6.2.6

DATA PATH

SPCH-



5 PR ○

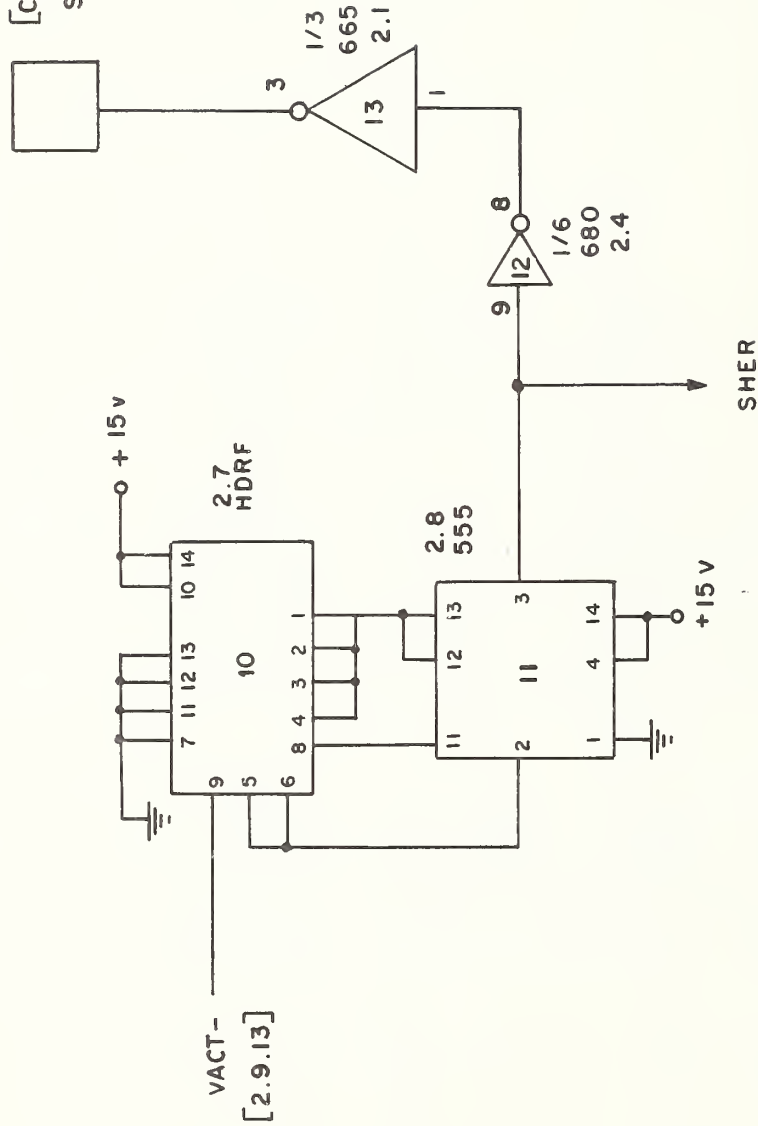
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No. 9
Date 4/9/73

8.2.9

[CN 1.13.6]

SHERD



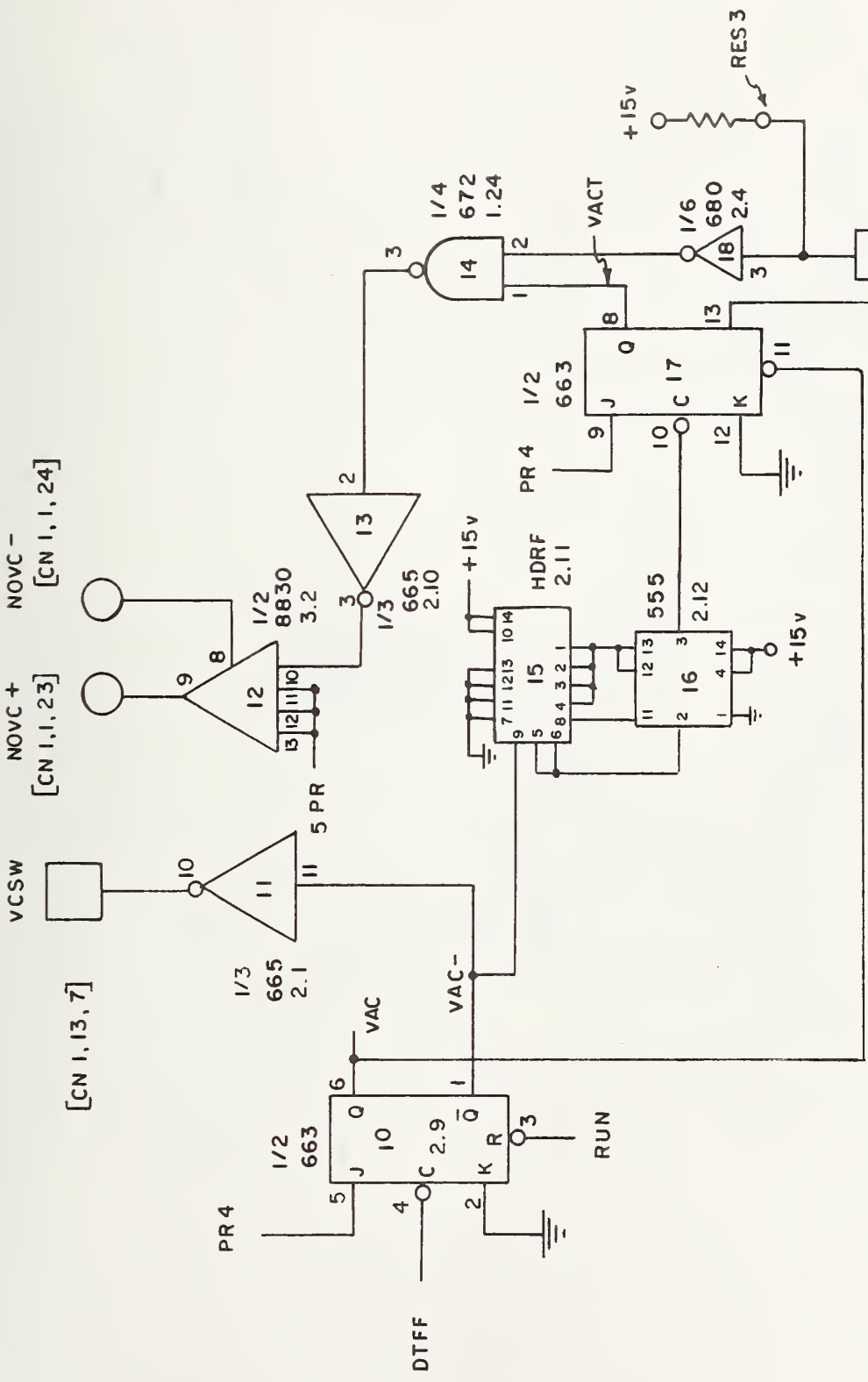
SHER

LBLG

No. 10

Date 4/9/73

8.2.10

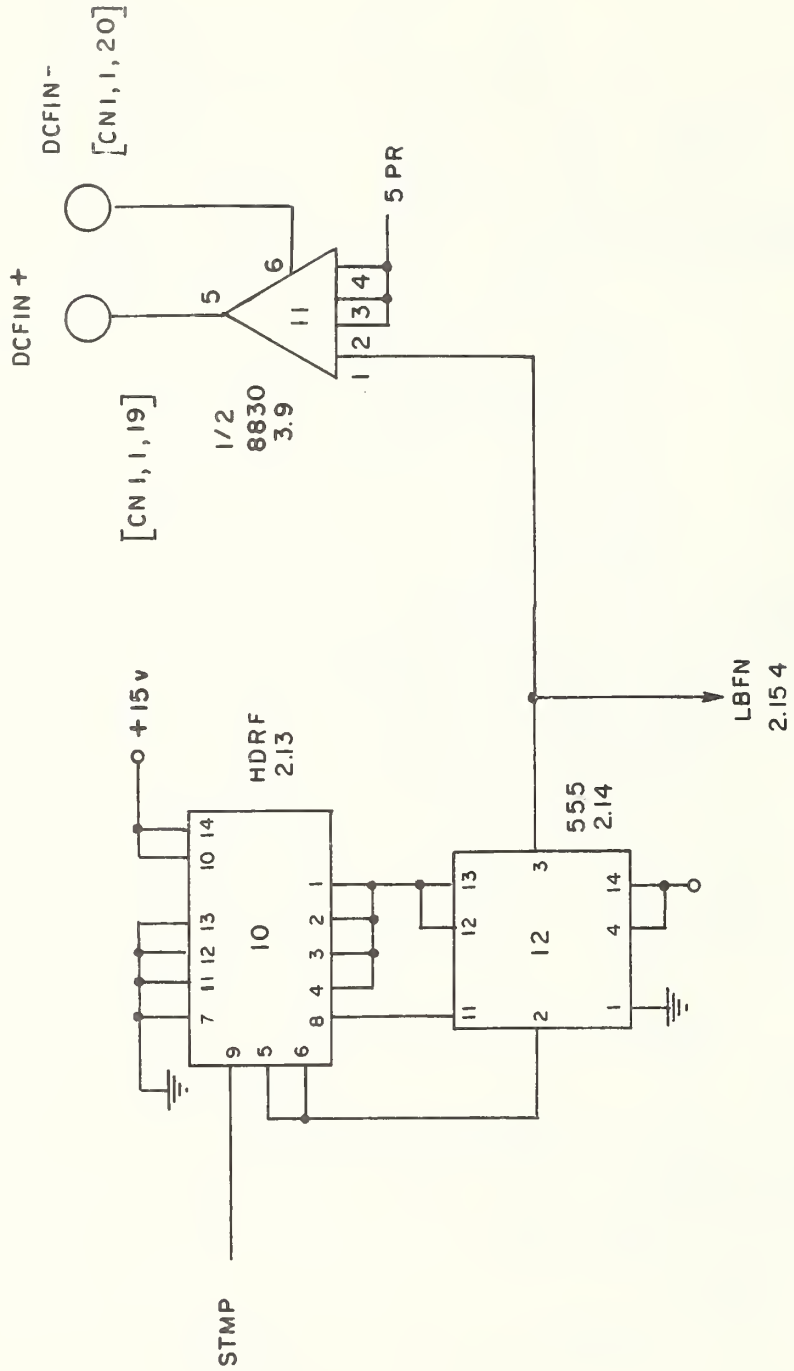


VCSW [CN 1, 13, 7]
 NOVC+ [CN 1, 1, 23]
 NOVC- [CN 1, 1, 24]

VACT
 VCDT [CN 1, 13, 8]
 VACT- [2.7.9]
 VAC, NOVC

No. 11 4/9/73
 Date

LBLG
 8.2.11



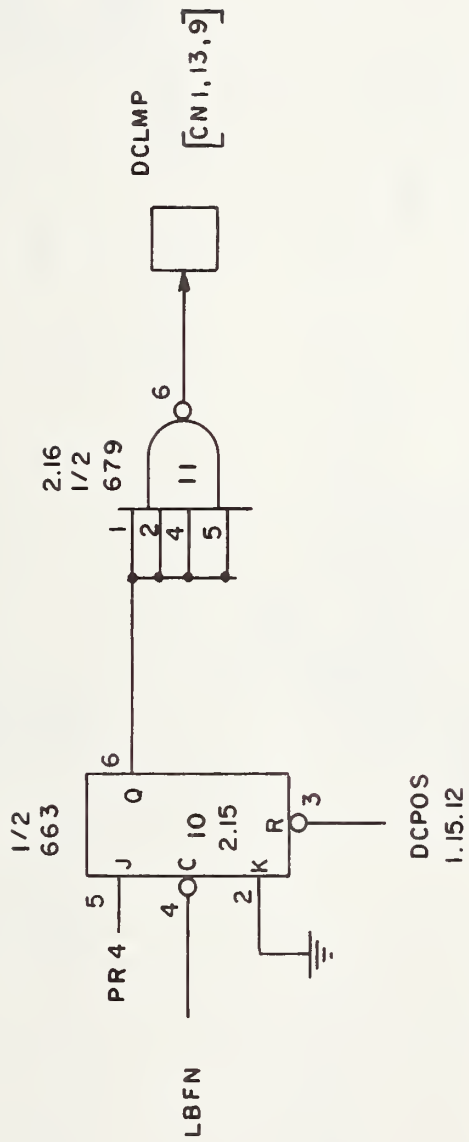
LBFN, DCFIN

L B L G

No 12

Date 4/9/73

8.2.12



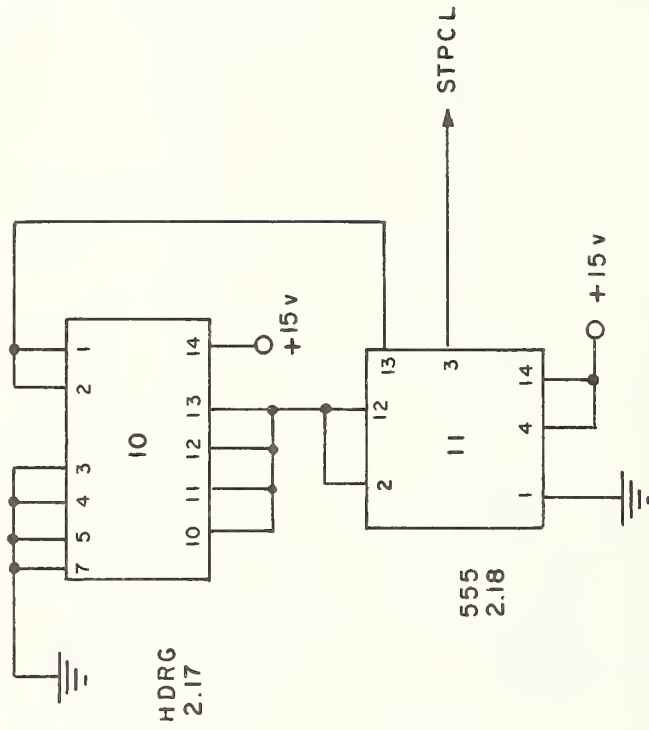
DCLMP

LBLG

No. 13

Date 4/9/73

6.2.13



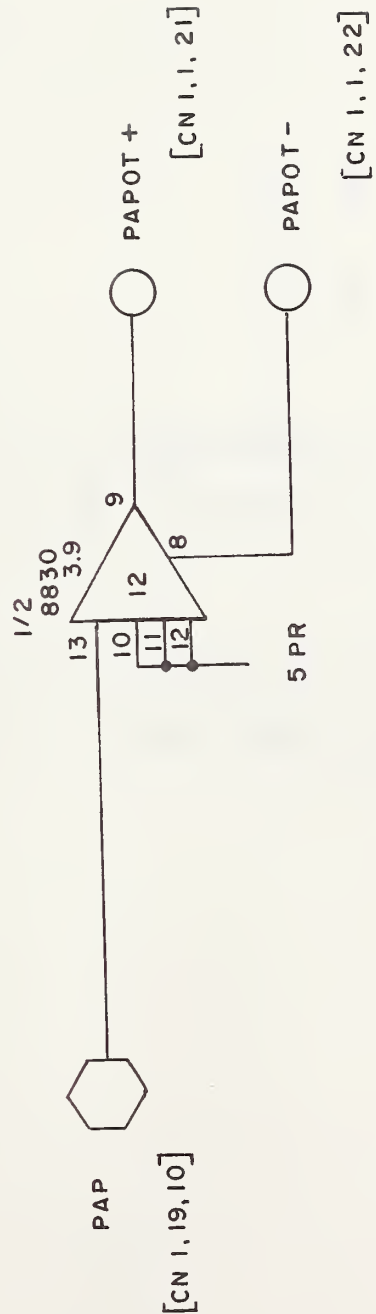
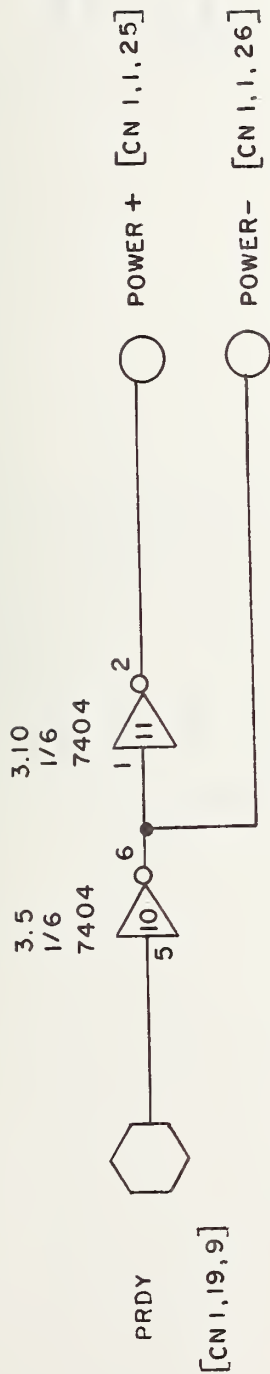
STPCL

LBLG

No. 14

Date 4/9/73

8.2 14

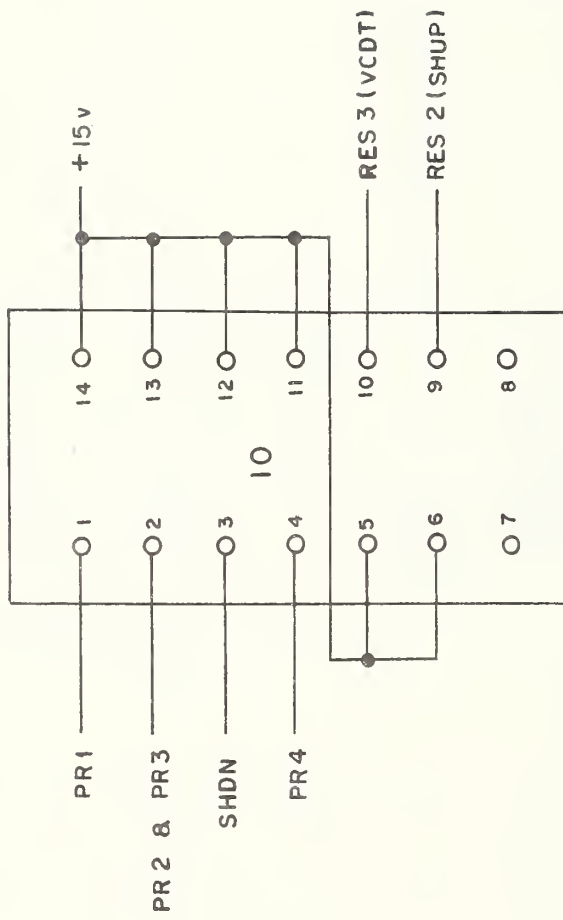


POWER, PAPOT
L B L G

No. 15
Date 4/9/73

8.2.15

2.19
HDRE



HDRE

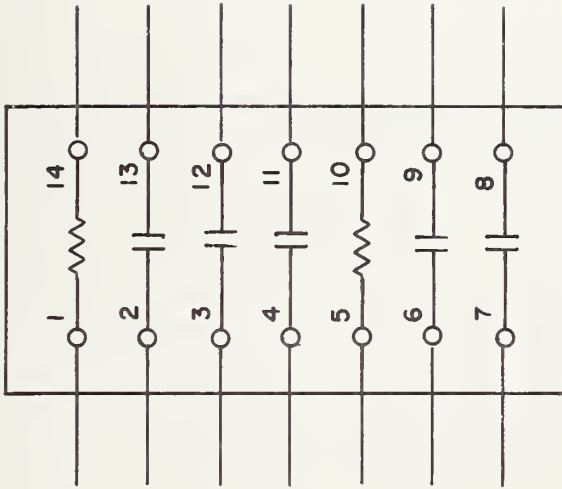
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No.16

Date 4/9/73

8.2 16

HDRF



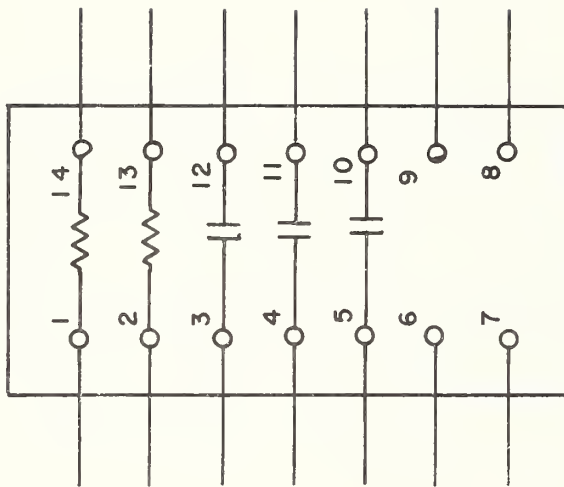
HDRF

LBLC

DATE: 3/13/74

8 2.17

HDRG



HDRG

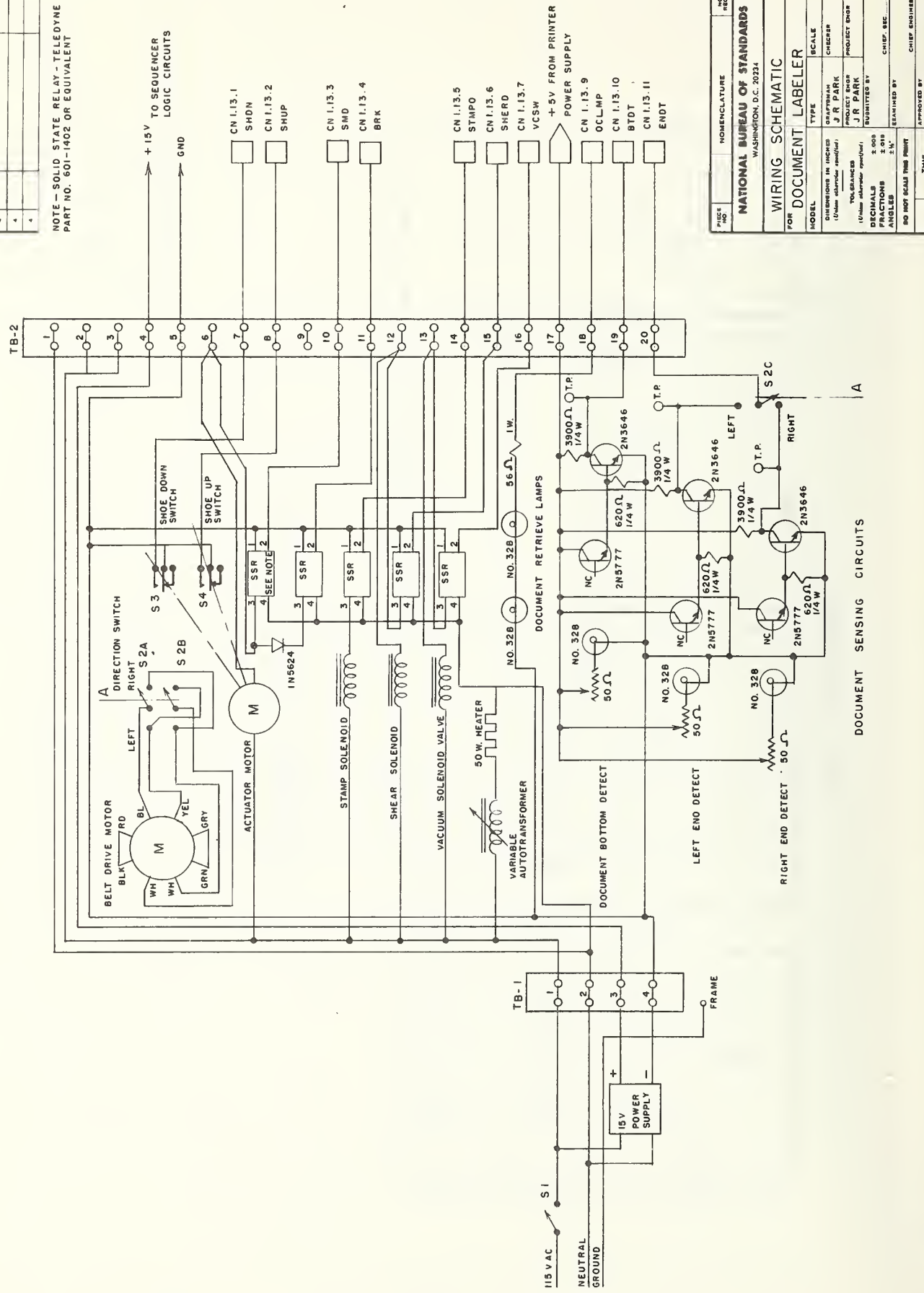
L8LC

DATE: 3/13/74

8.2.18

ORIGINAL DATE OF DRAWING		2/20/74	
REVISEMENTS			
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NOTE - SOLID STATE RELAY - TELEDYNE
PART NO. 601-1402 OR EQUIVALENT

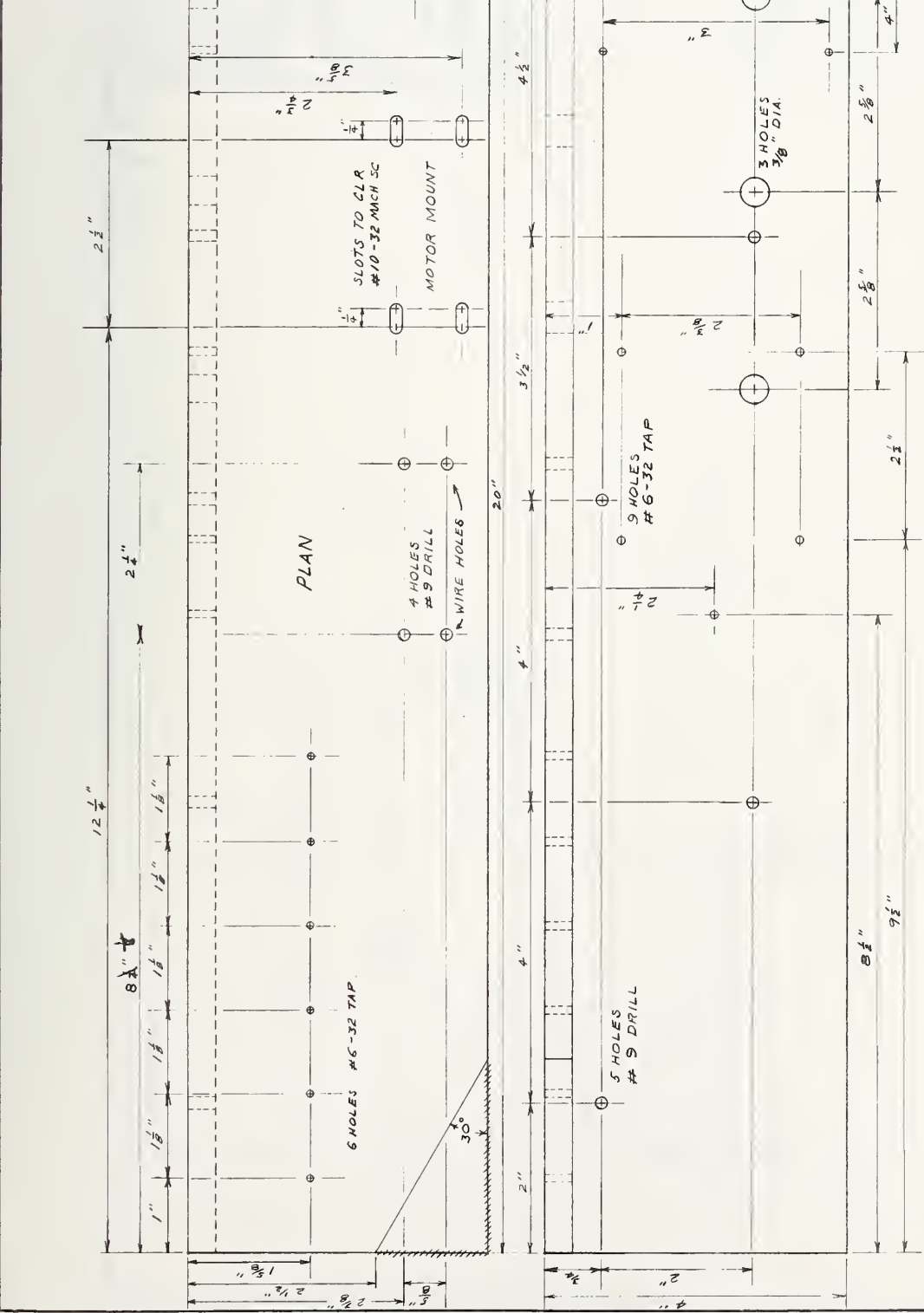


PIECE NO.	HOMECENTURE	NO.	REV.
NATIONAL BUREAU OF STANDARDS WASHINGTON, D.C. 20234			
FOR WIRING SCHEMATIC			
DOCUMENT LABELER			
DESIGNER IN CHARGE	TYPE	SCALE	CHECKER
PROJECT NO.	J.R. PARK	PROJECT SHOP	
SUBMITTED BY			
EXAMINED BY			
APPROVED BY			
DATE			
PRINTED			
65001			

DWG NO. 8.3.1

RPD-L-E-1

ORIGINAL DATE OF DRAWING 8/21/72	
REVISIONS	
NO	DATE
1	ADDED 4 HOLES TO DRAWING 8/21/72
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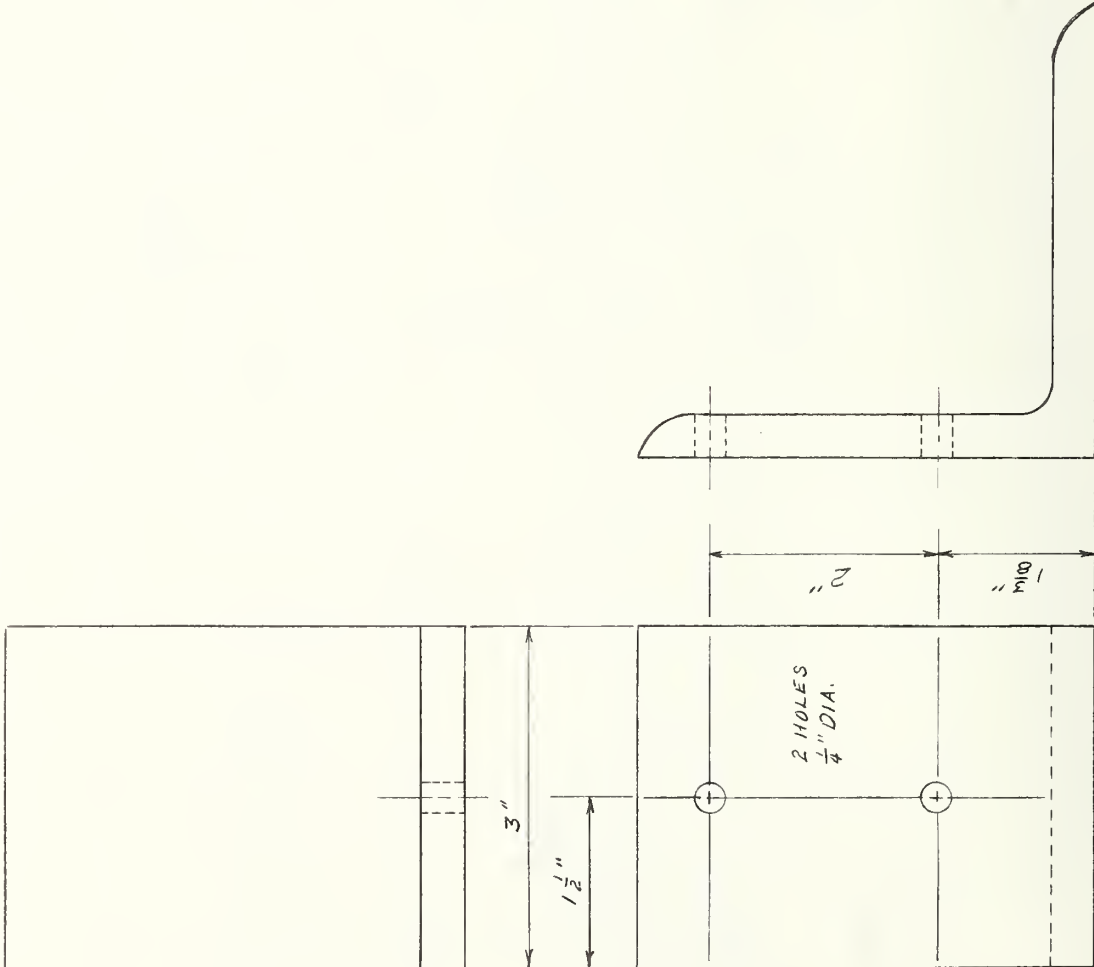


PRICE NO.	NOMENCLATURE	NO. REV.
	NATIONAL BUREAU OF STANDARDS WASHINGTON 25, D. C.	
SHELF MOUNTING ANGLE		
FOR DOCUMENT LABELER		
MODEL	TYPE	SCALE
		F.S.
DIMENSIONS IN INCHES		
UNLESS OTHERWISE SPECIFIED		
TOLERANCES		
FRACTIONS		
DECIMALS		
ANGLES		
DO NOT SCALE THIS PRINT		
DWG. NO.	THIS PRINT ISSUED	APPROVED BY
650	23	RPD-L-3
CHIEF ENGINEER		CHIEF DIV.

DWG NO 8.4.3
 PART NO. 4004

ORIGINAL DATE OF DRAWING 9/19/73

REVISIONS	
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MAT'L: 4" x 4" x 3/8" AL ANGLE

PIECE NO. _____ NO. REQ'D _____

NOMENCLATURE
NATIONAL BUREAU OF STANDARDS
 WASHINGTON, D. C. 20234

FOR **SUPPORT FOOT**
DOCUMENT LABELER

MODEL	TYPE	SCALE	FS
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN J.R. PARK	CHECKER	
TOLERANCES (Unless otherwise specified)	PROJECT ENGR. J.R. PARK	PROJECT ENGR.	
DECIMALS ±.005	SUBMITTED BY		
FRACTIONS ±.015	EXAMINED BY	CHIEF, SEC.	
ANGLES ±.1°		CHIEF ENGINEER	

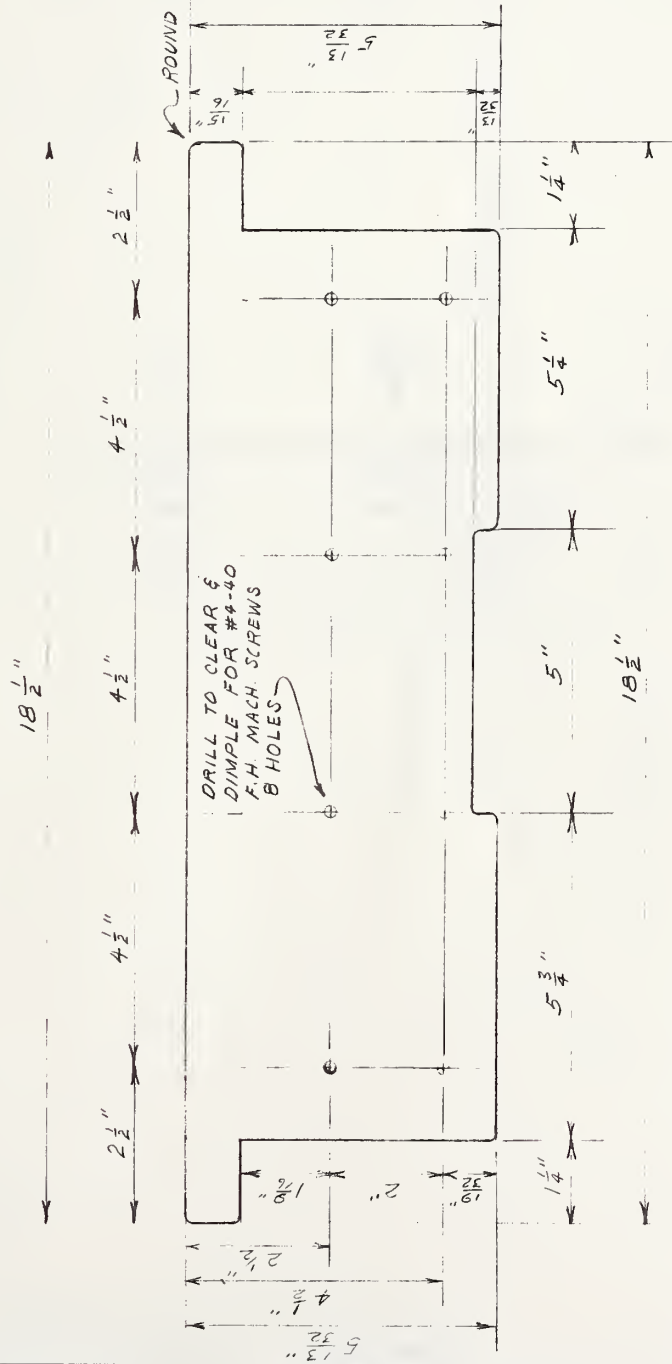
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 DW. SEC. 650
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 APPROVED BY
 RPD-L-4
 CHIEF, DIV.

DWG NO B.4.4
 PART NO. 4006

ORIGINAL DATE OF DRAWING 9/2/52

REVISIONS

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PART NO. 24 GA. STAINLESS

NOMENCLATURE
NATIONAL BUREAU OF STANDARDS
 WASHINGTON, D. C. 20234

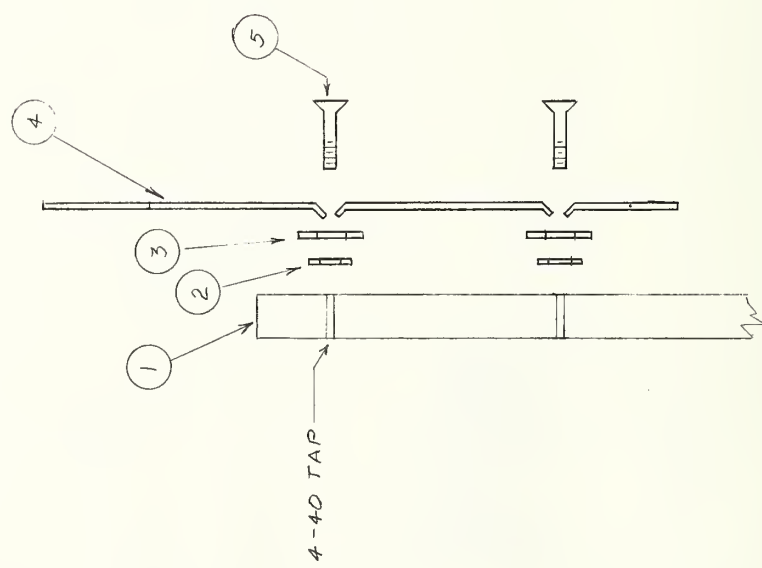
FOR DOCUMENT LABELER

MODEL	TYPE	SCALE
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN V.R. PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR. AA ERNST	PROJECT ENGR.
DECIMALS ±.003	SUBMITTED BY	CHIEF, SEC.
FRACTIONS ±.018	EXAMINED BY	CHIEF ENGINEER
ANGLES ±1/4°	APPROVED BY	CHIEF, DIV.
DO NOT SCALE THIS PRINT	THIS PRINT ISSUED	
BIV. SEC. 650	03	
		KPD-L-5

DWG NO 8.4.5
 PART NO. 4010

ORIGINAL DATE OF DRAWING 10/11/73

REVISIONS		
NO	E C N	CHANGE
1		
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5	PART NO. 4013, 4-40x $\frac{1}{4}$ " FH, BRASS	8
4	GUIDE PLATE, PART NO. 4010, DWG L-5	1
3	PART NO 4011, $\frac{1}{4}$ " FLAT WASHER	8
2	PART NO. 4012, #8 FLAT WASHER	8
1	PART NO. 4001, DWG. L-1, MAIN PLATE	1
PIECE NO.	NOMENCLATURE	NO. REV'D

NATIONAL BUREAU OF STANDARDS
WASHINGTON, D. C. 20234

GUIDE PLATE ASSY
FOR DOCUMENT LABELER

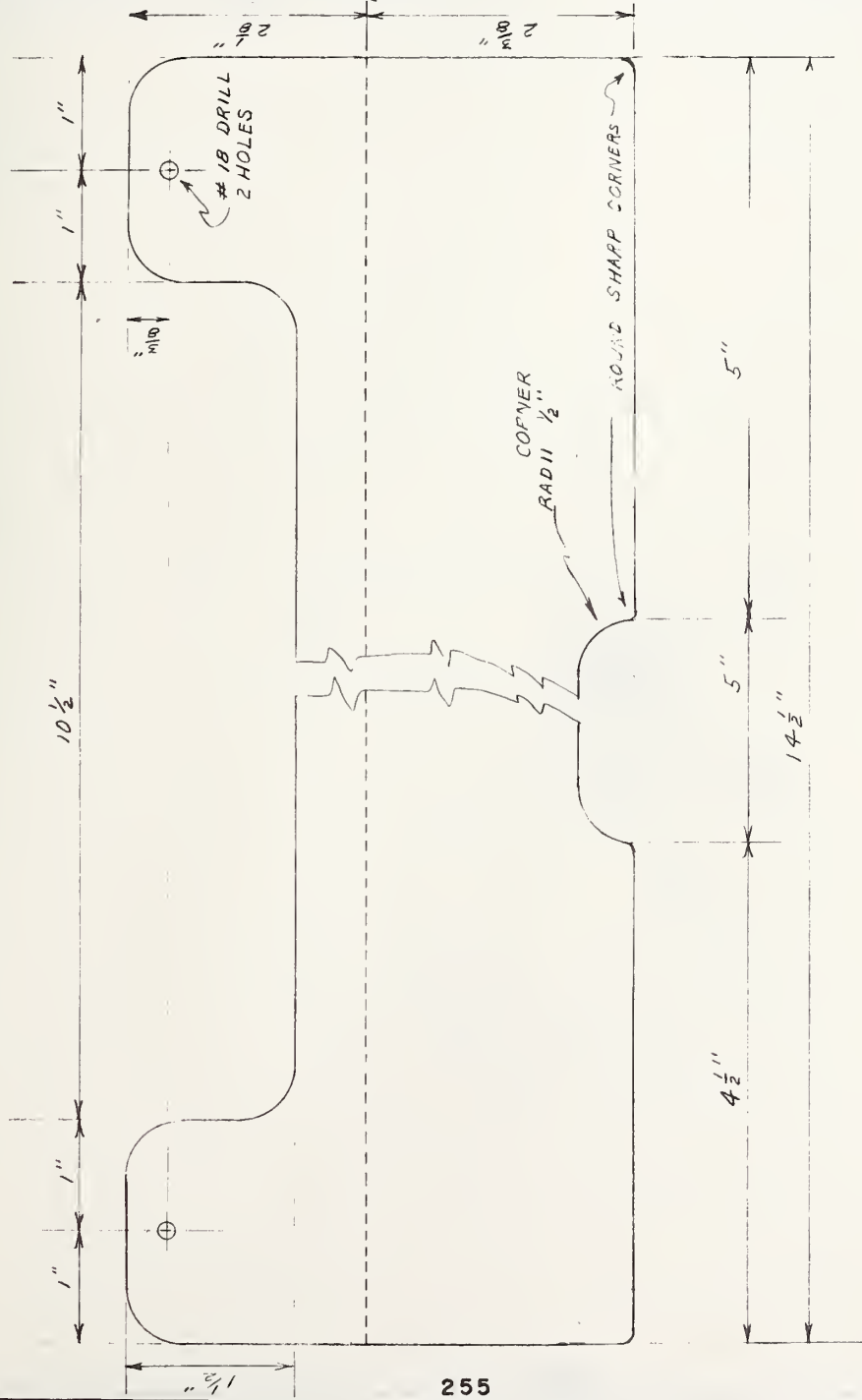
MODEL	TYPE	SCALE	FS
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JR PARK	CHECKER	
TOLERANCES (Unless otherwise specified)	PROJECT ENGR. JR PARK	PROJECT ENGR.	
DECIMALS $\pm .005$	SUBMITTED BY	CHIEF, SEC.	
FRACTIONS $\pm .015$	EXAMINED BY	CHIEF ENGINEER	
ANGLES $\pm \frac{1}{4}^\circ$	APPROVED BY	CHIEF, DIV.	
DO NOT SCALE THIS PRINT			
DIV. SEC. 550	THIS PRINT ISSUED		
01			

RPD - L - 6

DWG NO 8.4.6

ORIGINAL DATE OF DRAWING 7/17/72

REVISIONS			
NO	E C N	CHANGE	DATE
1		2 3/4" WAS 2 1/4"	7/21/72
2			
3			
4			



MATL: 24 GA STAINLESS STEEL

PIECE NO. NOMENCLATURE NO. REQ'D

NATIONAL BUREAU OF STANDARDS
WASHINGTON, D. C. 20234

DEFLECTOR PLATE

FOR DOCUMENT LABELER

MODEL	TYPE	SCALE	F.S.
DRAFTSMAN U.A. PARK	CHECKER		
PROJECT ENGR. A.A. EARST	PROJECT ENGR.		
SUBMITTED BY			
EXAMINED BY	CNIEF. REC.		
DO NOT SCALE THIS PRINT	CNIEF ENGINEER		

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DIV. SEC. 650.
03

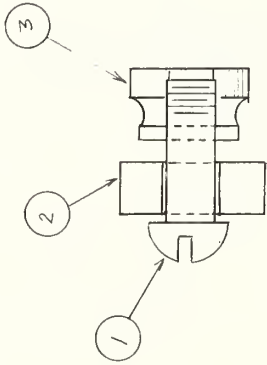
APPROVED BY
CNIEF. DIV.
RPD L-7

DWG NO 8.4.7
PART NO. 4014

ORIGINAL DATE OF DRAWING 10/1/73

REVISIONS

NO	E	C	N	CHANGE	DATE
1					
2					
3					
4					



3	10-32	KNURLED NUT, BRASS	2
2	PART NO.	4016, DWG. RPD-L-8	2
1	10-32 x 5/8"	R.H. MACH. SC.	2
PIECE NO.	NOMENCLATURE		NO. REG'D

NATIONAL BUREAU OF STANDARDS
WASHINGTON, D. C. 20234

DEFL. COUNTERWEIGHT ASS'Y
FOR DOCUMENT LABELER

MODEL	TYPE	SCALE
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JR PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR JA PARK	PROJECT ENGR
DECIMALS ±.008	SUBMITTED BY	
FRACTIONS ±.012	EXAMINED BY	
ANGLES ±.1°	CHIEF, SEC.	
DO NOT SCALE THIS PRINT		
APPROVED BY		
CHIEF ENGINEER		

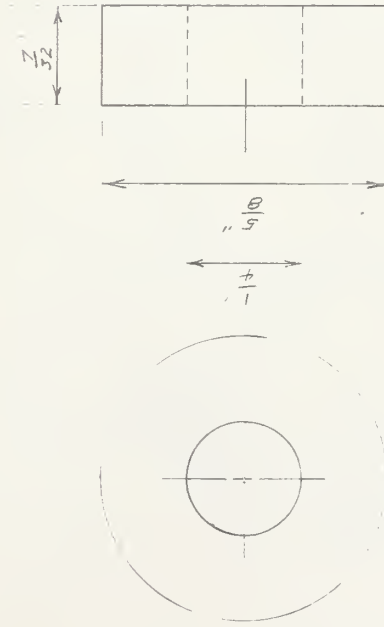
DIV. SEC.	THIS PRINT ISSUED	CHIEF, DIV.
850	RPD-L-8	
01		

DWG NO 8 4.8

ORIGINAL DATE OF DRAWING 0/25/3

REVISIONS

NO	E C N	CHANGE	DATE
1			
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4			



MAT'L BRASS

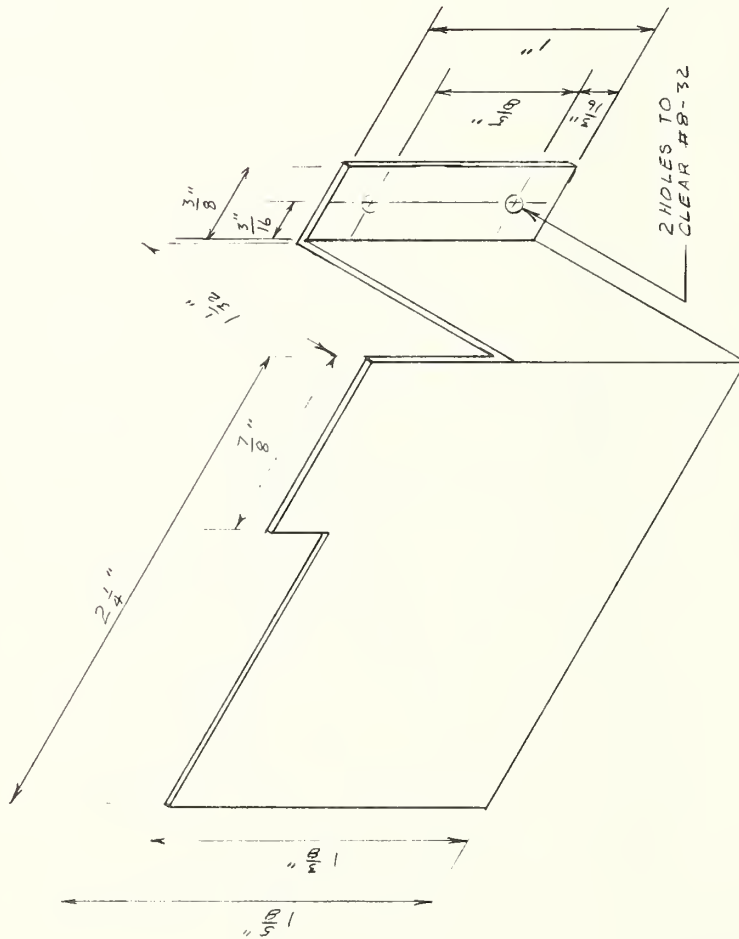
PIECE NO.	NOMENCLATURE	NO. REV'D
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
FOR DEFLECTOR PLATE WEI 5.1"		
MODEL	TYPE	SCALE 4 X
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAWN BY NR PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR. NR PARK	PROJECT ENGR.
DECIMALS ±.008	SUBMITTED BY	
FRACTIONS ±.018	EXAMINED BY	CHIEF, SEC.
ANGLES ±.5°	APPROVED BY	CHIEF ENGINEER
DO NOT SCALE THIS PRINT	THIS PRINT ISSUED	CHIEF, DIV.
DIV. SEC. 650	650	
	01	
		RPD-L-9

DWG NO 8 4.9
PART NO 4.16

ORIGINAL DATE OF DRAWING 9/24/73

REVISIONS

NO	E	C	N	CHANGE	DATE
1					
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4					



DWG NO 8.4.10
PART NO. 401B

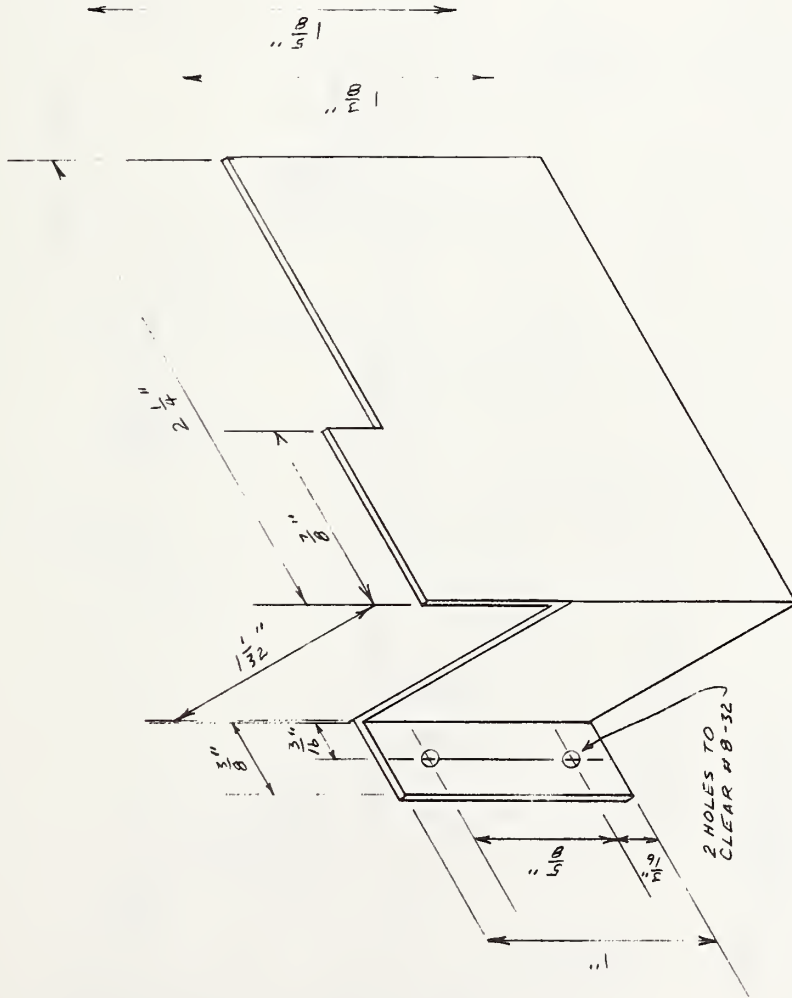
MAT'L: 22 GA. CR STEEL

PIECE NO.	NOMENCLATURE	NO. REG'D
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
	DEFLECTOR HANGER - RH	
	FOR DOCUMENT LABELER	
MODEL	TYPE	SCALE
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JR PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR JR PARK	PROJECT ENGR
DECIMALS ±.006	SUBMITTED BY	
FRACTIONS ±.018	EXAMINED BY	
ANGLES ±1/4°	CHIEF, SEC.	
DO NOT SCALE THIS PRINT	APPROVED BY	
BY, SEC. 650	CHIEF ENGINEER	
01	CHIEF, DIV.	
	RPD-L-10	

ORIGINAL DATE OF DRAWING 9/25/73

REVISIONS

NO	E	C	N	CHANGE	DATE
1					
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4					



MAT'L: 22 GA. CR STEEL

PIECE NO. NOMENCLATURE NO. REQ'D

NATIONAL BUREAU OF STANDARDS
WASHINGTON, D. C. 20234

FOR DEFLECTOR HANGER - LH

MODEL TYPE SCALE 2 X

DRAFTSMAN CHECKER

PROJECT ENGR PROJECT ENGR

SUBMITTED BY

EXAMINED BY CHIEF, SEC.

APPROVED BY CHIEF ENGINEER

THIS PRINT ISSUED

DIV. SEC. 650

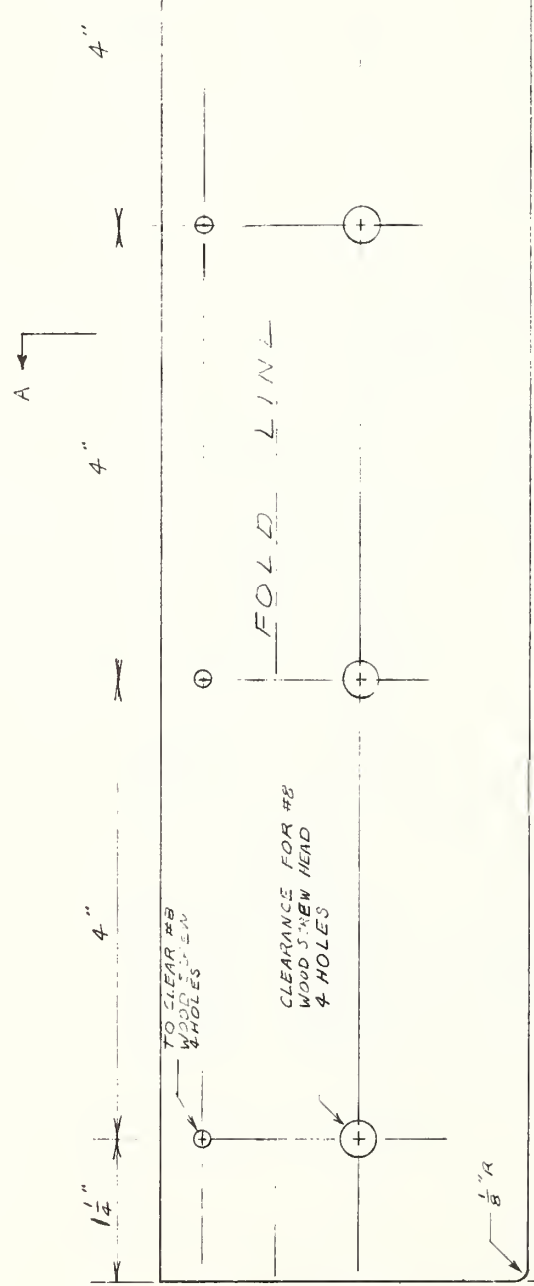
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RPD-L-11

DWG NO 8.4.11
PART NO. 4019

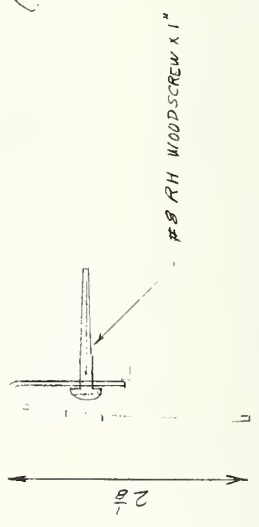
ORIGINAL DATE OF DRAWING 9/24/73

REVISIONS		
NO	E C H	DATE
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4		



TO CLEAR #8 WOOD SCREW 4 HOLES

CLEARANCE FOR #8 WOOD SCREW HEAD 4 HOLES



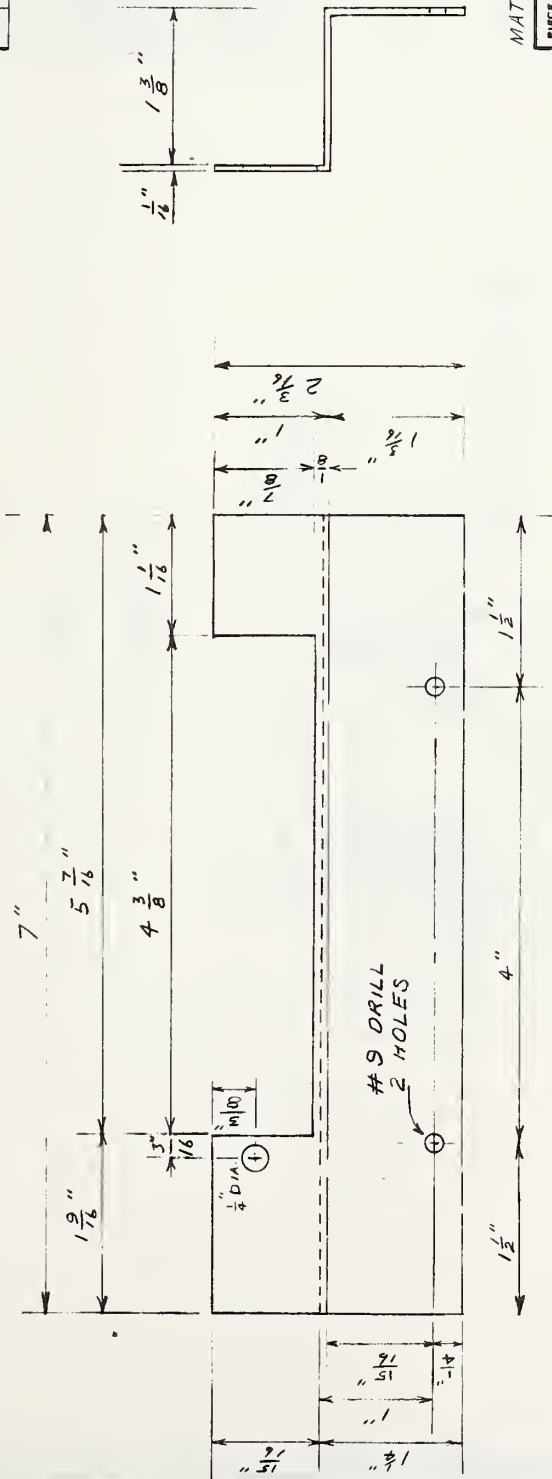
PRICE NO.	NOMENCLATURE	NO. REV.
NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234		
FOR ENTRY GUIDE PLATE		
MODEL	TYPE	SCALE FS
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAWN BY J.A. PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR. P.D. SHAPIRO	PROJECT ENGR.
DECIMALS ±.005	SUBMITTED BY	
FRACTIONS ±.015	EXAMINED BY	CHIEF, SEC.
ANGLES ±.1°	APPROVED BY	CHIEF ENGINEER
DO NOT SCALE THIS PRINT		
DIV. SEC.	THIS PRINT ISSUED	
650		
01		
		RPD-L-12

DWG NO 8.4.12
PART NO. 4021

ORIGINAL DATE OF DRAWING 7/18/72

REVISIONS

NO	E C N	CHANGE	DATE
1		ADD 3 HOLES	8/7/72
2			
3			
4			



MATL: $\frac{1}{16}$ " AL SHT.

PIECE NO. NOMENCLATURE NO. RECD

NATIONAL BUREAU OF STANDARDS
WASHINGTON, D. C. 20234

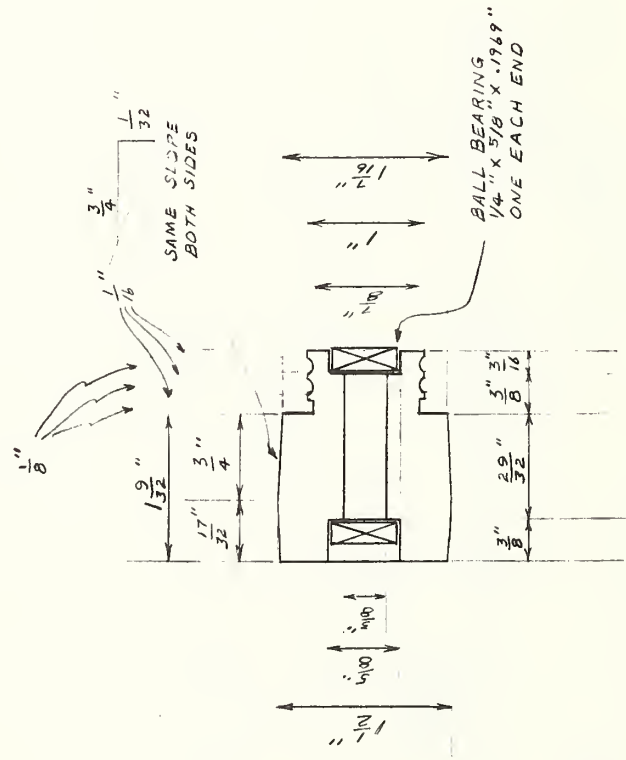
BELT SUPPORT PLATE
FOR DOCUMENT LABELER

MODEL	TYPE	SCALE	FS
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JR PARK	CHECKER	
TOLERANCES (Unless otherwise specified)	PROJECT ENGR AA EARST	PROJECT ENGR	
DECIMALS $\pm .008$	SUBMITTED BY	CHIEF, BEC	
FRACTIONS $\pm .018$	EXAMINED BY	CHIEF ENGINEER	
ANGLES $\pm \frac{1}{4}$ '	APPROVED BY	CHIEF, DIV.	
DO NOT SCALE THIS PRINT	THIS PRINT ISSUED		
DIV. SEC. 650			
03			
			RPD-L-13

DWG NO 8.4.13
PART NO. 4024

ORIGINAL DATE OF DRAWING 7/20/72

REVISIONS		
NO.	E C M	DATE
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MATL: AL

PIECE NO. NOMENCLATURE NO. REG'D

NATIONAL BUREAU OF STANDARDS
WASHINGTON, D. C. 20234

BELT PULLEY, DRIVINS

FOR DOCUMENT LABELER

MODEL	TYPE	SCALE	FS
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN J.R. PARK	CHECKER	
TOLERANCES (Unless otherwise specified)	PROJECT ENGR. A.H. ERNST	PROJECT ENGR.	
DECIMALS ±.005	SUBMITTED BY	CHIEF, SEC.	
FRACTIONS ±.012	EXAMINED BY	CHIEF ENGINEER	
ANGLES ±.1°	APPROVED BY	CHIEF, DIV.	
DO NOT SCALE THIS PRINT	THIS PRINT ISSUED		
DIV. SEC.	650.		
	03		
		RPD - L-14	

DWG NO 8.4.14
PART NO. 4026

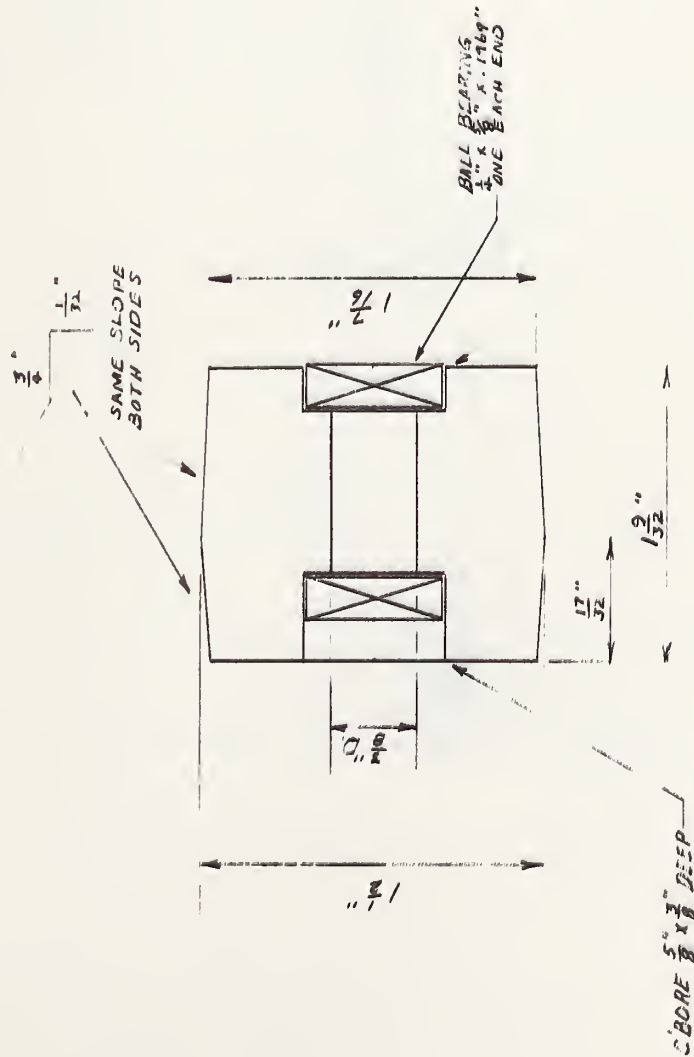
ORIGINAL DATE OF DRAWING 9/24/73

REVISIONS

NO.	E. C. N.	CHANGE	DATE
1			
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4			

MAT'L: AL

PRICE NO.	NOMENCLATURE	NO. REV'D
NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20254		
FOR BELT PULLEY, 32ERS		
FOR DOCUMENT LABELER		
MODEL	TYPE	SCALE 2X
DESIGNER IN CHARGE (Name otherwise specified)	DESIGNER	CHECKER
TOLERANCES (Unless otherwise specified)	JR FAK	JR FAK
DECIMALS 2-DIG	PROJECT DESIG.	PROJECT DESIG.
FRACTIONS 3-DIG	SUBMITTED BY	CRIMP, SEC.
ANGLES 2-DIG	DRAWN BY	CRIMP, SEC.
NO. OF SCALE THIS PRINT	APPROVED BY	CRIMP, SEC.
THIS PRINT ISSUED		
550		
31		
		RPD-L-15



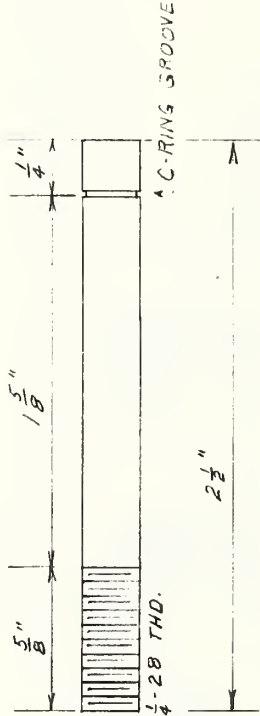
C BORE $5 \frac{1}{8}$ " X $1 \frac{3}{8}$ " DEEP

DWG NO 8.4.15
PART NO. 4027

ORIGINAL DATE OF DRAWING 8/8/72

REVISIONS

NO	E C N	CHANGE	DATE
1		Add D.m. 2 1/2"	7/24/73
2			
3			
4			



MATL: 1/4" DRILL ROD

PIECE NO	NOMENCLATURE	NO. RED D
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NATIONAL BUREAU OF STANDARDS
WASHINGTON, D. C. 20234

DRAWING PULLEY SHAFT & C RING
FOR DOCUMENT LABELER

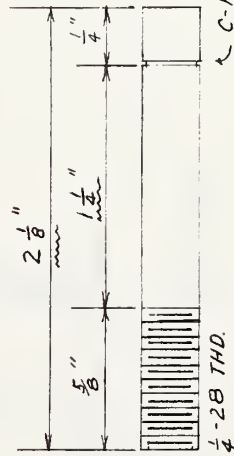
MODEL	TYPE	SCALE	2 X
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JRPark	CHECKER	
TOLERANCES (Unless otherwise specified)	PROJECT ENGR AALP157	PROJECT ENGR	
DECIMALS ±.005	SUBMITTED BY		
FRACTIONS ±.015	EXAMINED BY	CHIEF. REC.	
ANGLES ±.1°	APPROVED BY	CHIEF ENGINEER	
DO NOT SCALE THIS PRINT	THIS PRINT ISSUED		
DIV. SEC. 050.	03		
			RPD-L-16

DWG NO 8.4.16
PART NO. 4030

ORIGINAL DATE OF DRAWING 7/19/72

REVISIONS

NO	E C N	CHANGE	DATE
1		2 1/8" WAS 1 1/8"	9/24/73
2		1 1/4" WAS 1 7/8"	9/24/73
3			
4			



C-RING GROOVE

MATL: 1/4" DRILL ROD

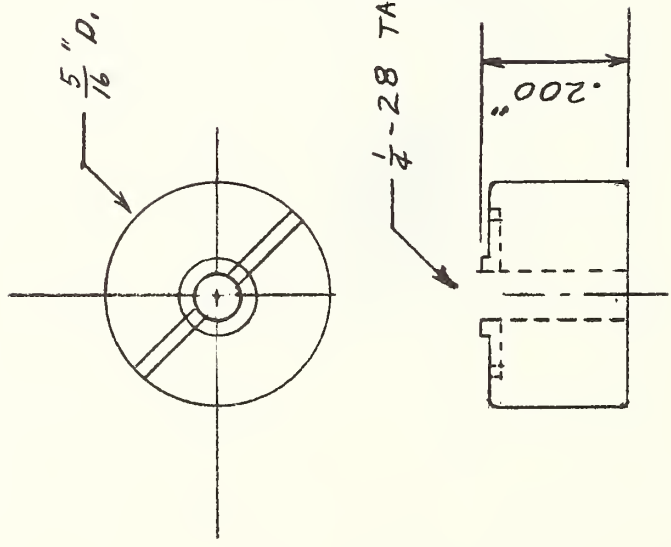
PIECE NO.	NOMENCLATURE	NO. REV'D
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
IDLER PULLEY SHAFT		
FOR DOCUMENT LABELER		
MODEL	TYPE	SCALE
	DRAFTSMAN V. R. FARR	CHECKER
	PROJECT ENGR. A. A. ERNST	PROJECT ENGR.
	SUBMITTED BY	
	EXAMINED BY	CHIEF, SEC.
	APPROVED BY	CHIEF ENGINEER
DIV. SEC.	THIS PRINT ISSUED	
650		
03		APD-L-17

DWG NO 8.4.17
PART NO. 4031

ORIGINAL DATE OF DRAWING 2/12/74

REVISIONS

NO.	E. C. N.	CHANGE	DATE
1			
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4			

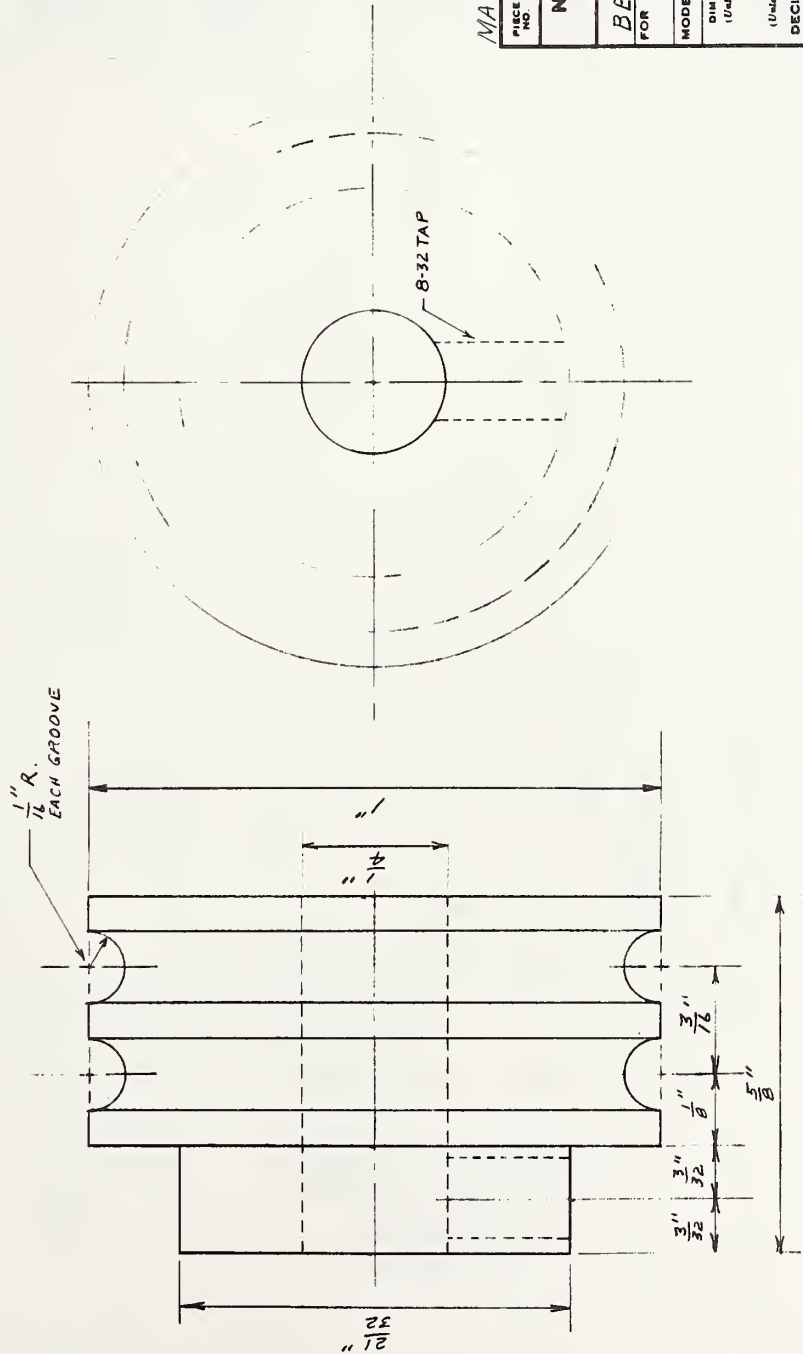


PIECE NO.	NOMENCLATURE	NO. REQ'D
	NATIONAL BUREAU OF STANDARDS WASHINGTON 25. D. C.	
	PULLEY BEARING SUPPORT	
	FOR DOCUMENT LABELER	
MODEL	TYPE	SCALE $\approx 4X$
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JR PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR.	PROJECT ENGR.
DECIMALS $\pm .005$	SUBMITTED BY	
FRACTIONS $\pm .015$	CHIEF. SEC.	
ANGLES $\pm 1/2^\circ$	EXAMINED BY	
DO NOT SCALE THIS PRINT	CHIEF ENGINEER	
DIV. SEC.	APPROVED BY	CHIEF. DIV.
650		
01		RPD-L-18

DWG NO 8.4.18

ORIGINAL DATE OF DRAWING 9/20/73

REVISIONS		
NO.	E C N	DATE
1	CHANGE	
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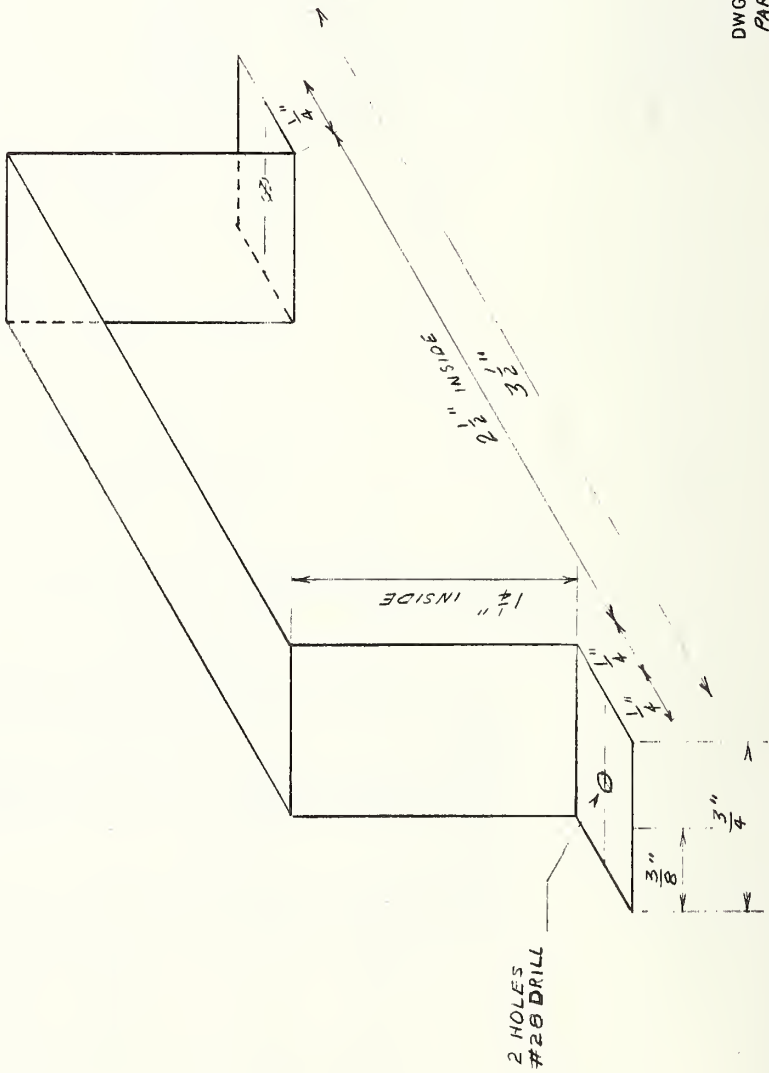
MAT'L: AL

PIECE NO.	NOMENCLATURE	NO. RECD.
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
BELT DRIVE MOTOR PULLEY		
FOR DOCUMENT LABELER		
MODEL	TYPE	SCALE 5X
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JR PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR. JR PARK	PROJECT ENGR.
DECIMALS ±.008	SUBMITTED BY	
FRACTIONS ±.015	EXAMINED BY	CHIEF, REC.
ANGLES ±.5°	APPROVED BY	CHIEF ENGINEER
DO NOT SCALE THIS PRINT	THIS PRINT ISSUED	CHIEF, DIV.
DIV. SEC. 650	6/1	RPD-L-19

DWG NO 8.4.19
PART NO. 4034

ORIGINAL DATE OF DRAWING 9/18/73

REVISIONS		
NO	E C N.	DATE
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DWG NO 8.4.21
PART NO. 4042

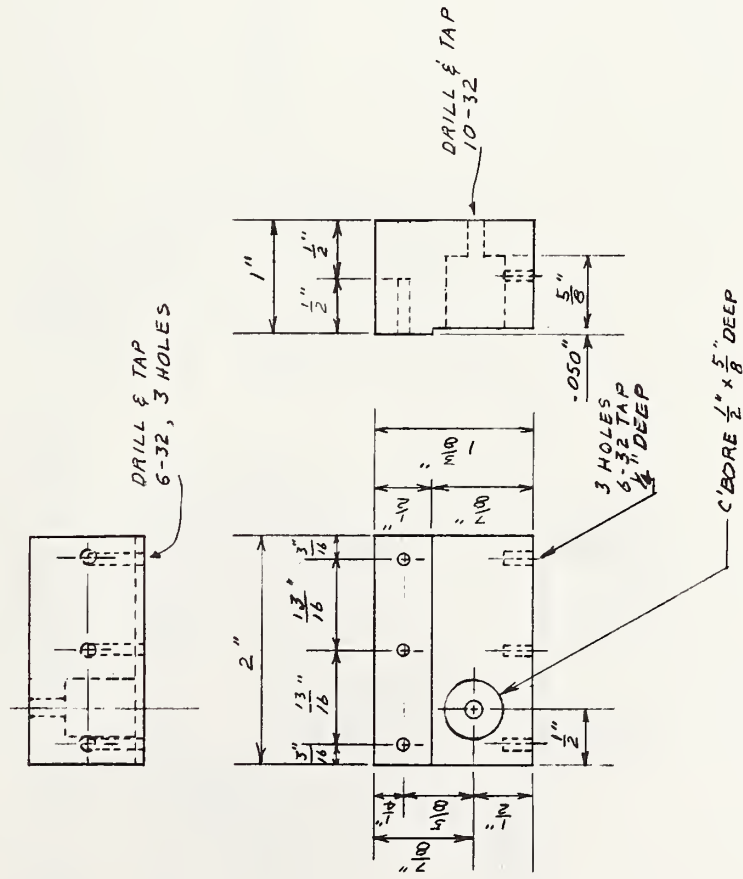
MAT'L: 1/2" AL

PIECE NO	NOMENCLATURE	NO REQ
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
MTR. CAP. MOUNTING STRAP FOR DOCUMENT LABELER		
MODEL	TYPE	SCALE
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTER J.R. PARK	2 X
TOLERANCES (Unless otherwise specified)	PROJECT ENGR J.R. PARK	CHECKER
DECIMALS ±.008	SUBMITTED BY	PROJECT ENGR
FRACTIONS ±.015	EXAMINED BY	CNIEF. DEC.
ANGLES ±.5°	APPROVED BY	CNIEF ENGINEER
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		RPD-L-21

ORIGINAL DATE OF DRAWING 7/21/72

REVISIONS

NO	E. C. N.	CHANGE	DATE
1			
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MATL: BRASS

PIECE NO.	NOMENCLATURE	NO. REQ'D

NATIONAL BUREAU OF STANDARDS
WASHINGTON, D. C. 20234

DOCUMENT STOP BLOCK - LEFT HAND
FOR DOCUMENT LABELER

MODEL	TYPE	SCALE	FS
	DRAFTSMAN JR PARK		CHECKER
	PROJECT ENGR AA ERNST		PROJECT ENGR.
SUBMITTED BY			
EXAMINED BY			
CHIEF, SEC.			
APPROVED BY			
CHIEF ENGINEER			

SW. SEC.	THIS PRINT ISSUED
650.	03

DWG NO 8.4.22
PART NO. 4045

RPD-L-22

ORIGINAL DATE OF DRAWING 8/7/72

REVISIONS

NO.	E. C. N.	CHANGE	DATE
1			
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3			
4			

MATL: BRASS

PIECE NO. NOMENCLATURE NO. REV'D

NATIONAL BUREAU OF STANDARDS

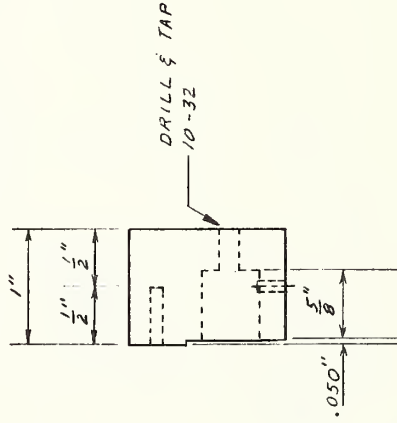
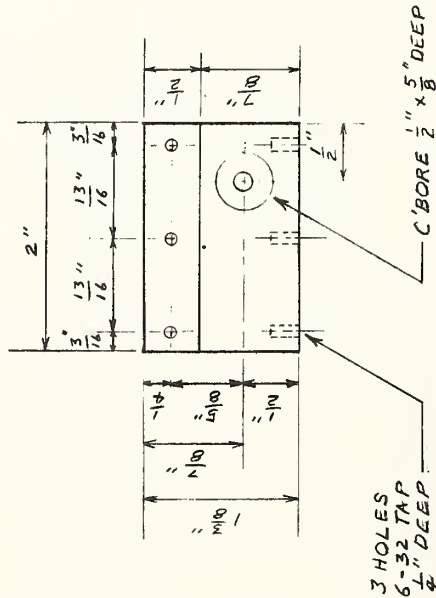
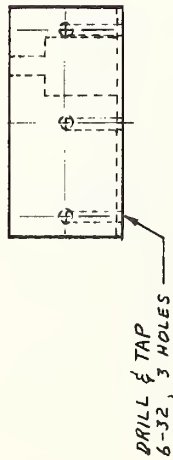
WASHINGTON, D. C. 20234

DOCUMENT STOP BLOCK-RIGHT HAND

FOR DOCUMENT LABELER

MODEL	TYPE	SCALE	FS
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN J.R. PAUL	CHECKER	
TOLERANCES (Unless otherwise specified)	PROJECT ENGR AA ELMIST	PROJECT ENGR	
DECIMALS ± .005	SUBMITTED BY		
FRACTIONS ± .015	EXAMINED BY	CHIEF, SEC.	
ANGLES ± .5°			
DO NOT SCALE THIS PRINT			
APPROVED BY		CHIEF ENGINEER	
PRINT ISSUED		CHIEF, DIV.	

DWG NO 8.4.23
PART NO. 4045A
RPD-L-23

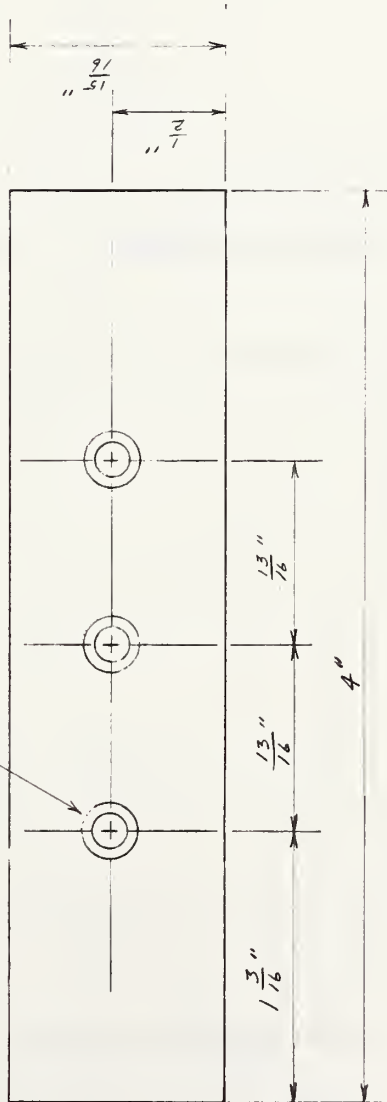


ORIGINAL DATE OF DRAWING 9/20/73

REVISIONS

NO	E. C. N.	CHANGE	DATE
1			
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3 HOLES, #27 DRILL
CSK FOR #6-32 FH MACH SC



MAT L: 1/8" THK BRASS STRIP

PIECE NO. NOMENCLATURE NO. REQ'D

NATIONAL BUREAU OF STANDARDS
WASHINGTON, D. C. 20234

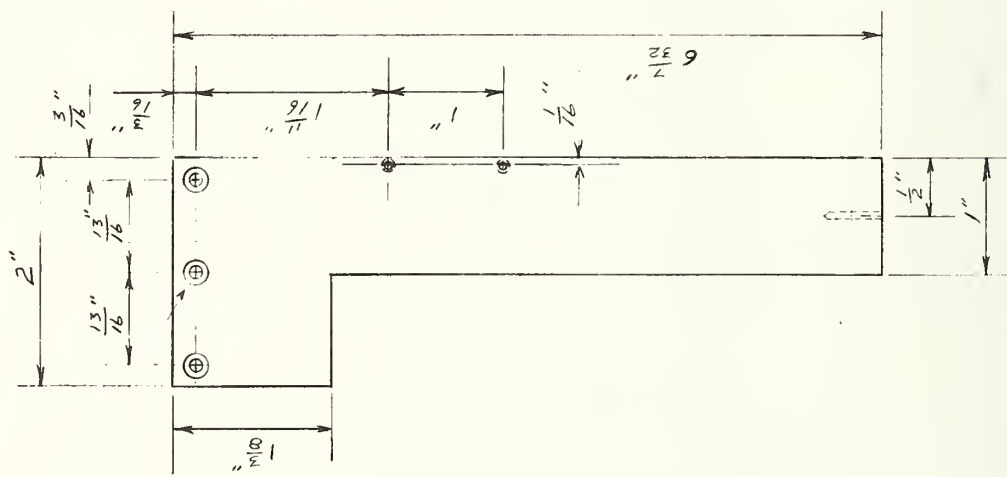
STOP BLOCK PLATE
FOR DOCUMENT LABELER

MODEL	TYPE	SCALE
DRAWNMAN V R PARK	CHECKER	SCALE 2X
PROJECT ENGR V R PARK	PROJECT ENGR	
SUBMITTED BY		
EXAMINED BY	CHIEF, SEC.	
APPROVED BY	CHIEF ENGINEER	
CHIEF, SEC. 650	PRINT ISSUED	
01		
		RPD-L-24

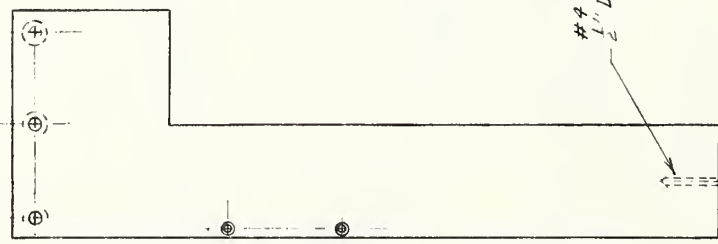
DWG NO 8.4.24
PART NO. 4046

ORIGINAL DATE OF DRAWING 9/20/73

REVISIONS		
NO	E C N	CHANGE
1		
2		
3		
4		



3 HOLES
#27 DRILL, CSK FOR
#6-32 FH MACH SC. —



#42 DRILL C BORE
FOR #2-57 FILISTER
HD. MACH SC.
2 HOLES

#4-40 TAP
1/2\"/>

FRONT

REAR

DWG NO 8.4.25
PART NO. 4047

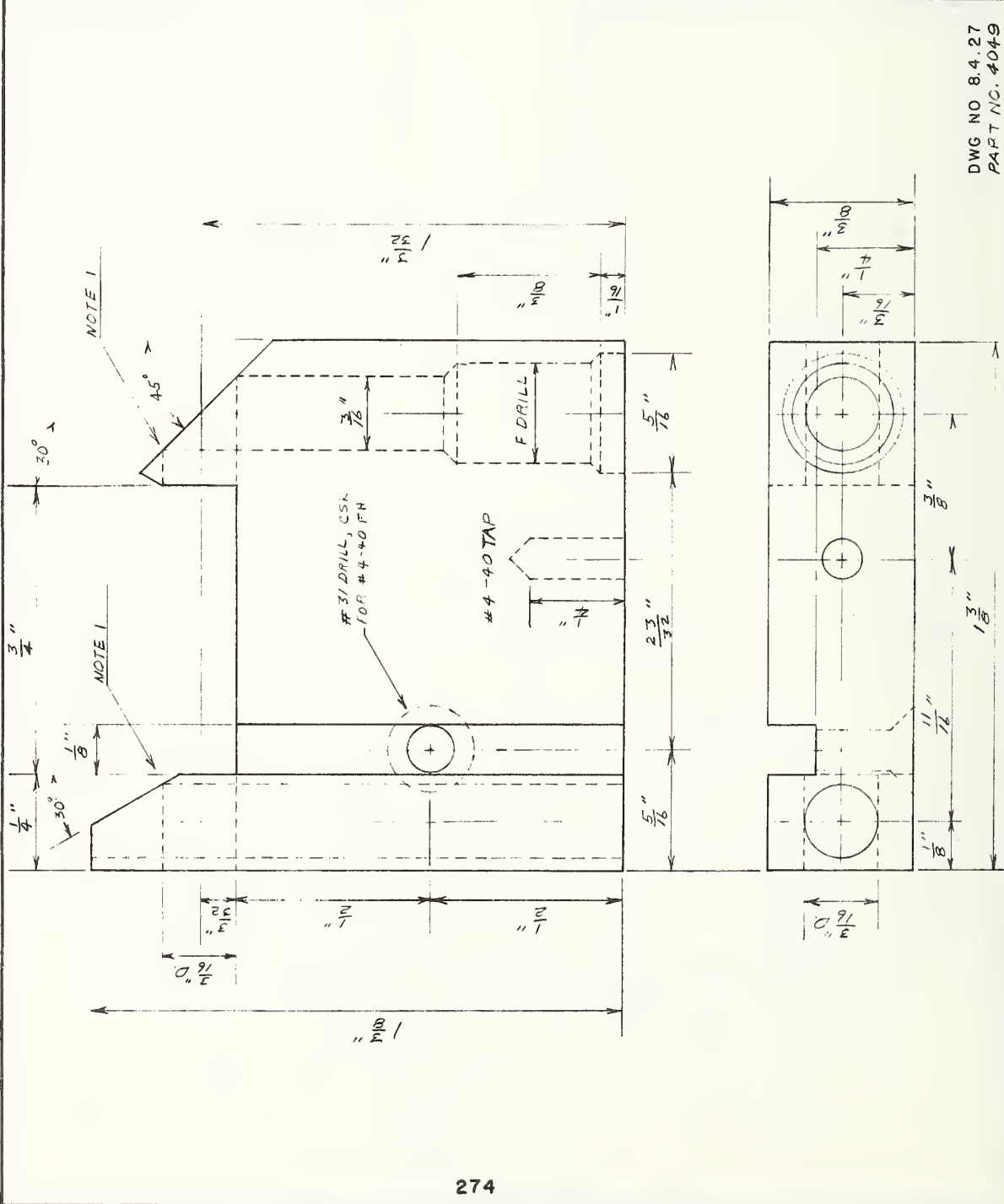
MAT'L: 1/8 THK BESS STRIP

PIECE NO	NOMENCLATURE	NO. REG'D
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
SENSOR SHOE SUPPORT - LH		
FOR DOCUMENT LABELER		
MODEL	TYPE	SCALE FS
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JR PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR JR PARK	PROJECT ENGR
DECIMALS ± .005	SUBMITTED BY	
FRACTIONS ± .015	EXAMINED BY	
ANGLES ± 1/4°	CHIEF, SEC.	
DO NOT SCALE THIS PRINT		
DIV. SEC.	THIS PRINT ISSUED	CHIEF ENGINEER
650	01	RPD-L-25

ORIGINAL DATE OF DRAWING 9/2/73

REVISIONS			
NO	E	C	N
CHANGE			DATE
1			
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3			
4			

NOTE 1 - MILL BEVELS TO
HOLE INTERSECTIONS



DWG NO 8.4.27
PART NO. 4049

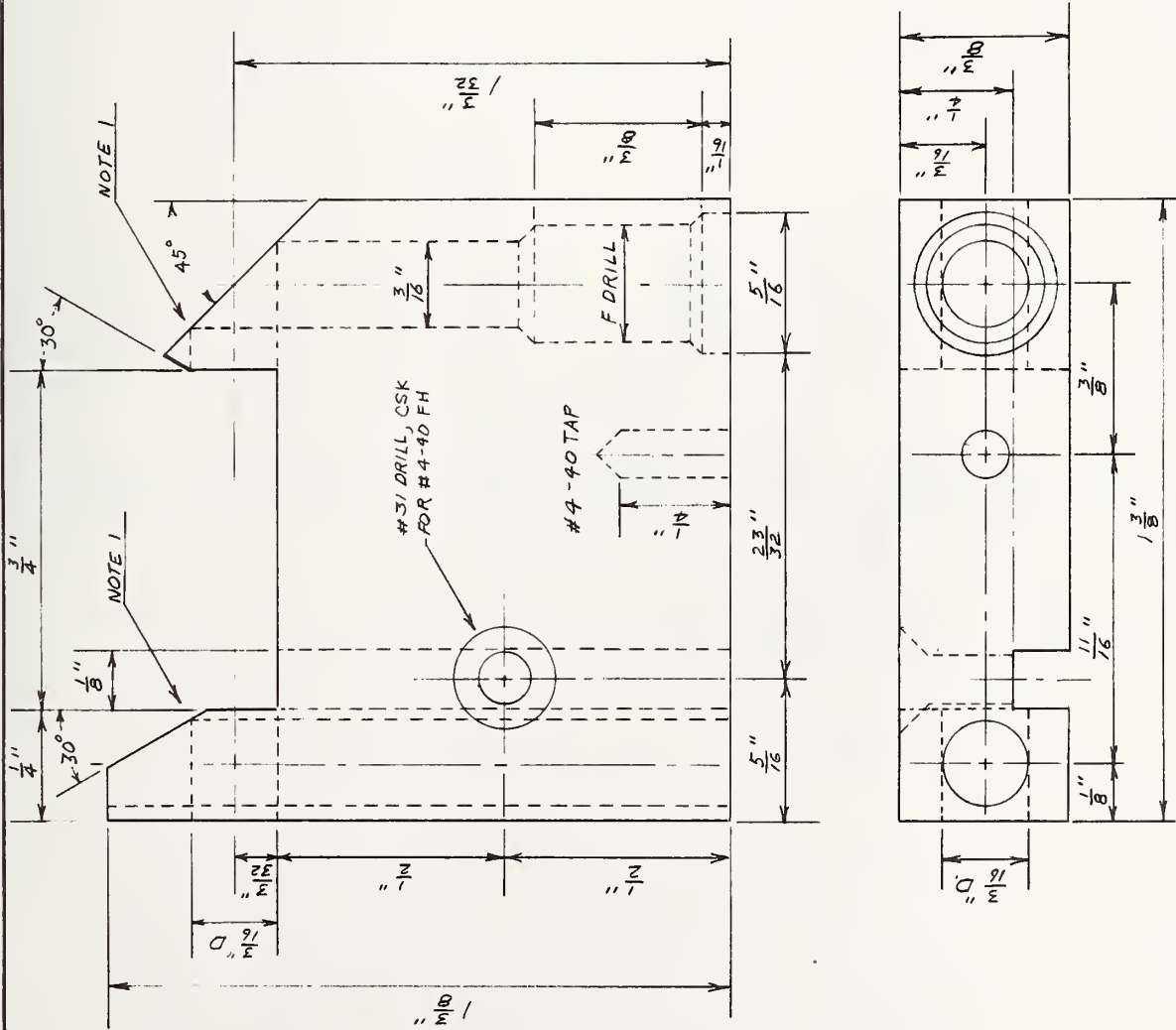
MATL: 3/8" THK BRASS

PIECE NO	NOMENCLATURE	NO REQD
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
FOR SENSOR SHOE - LH		
DOCUMENT LABELER		
MODEL	TYPE	SCALE 4 X
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JR PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR. JR PARK	PROJECT ENGR
DECIMALS ±.005	SUBMITTED BY	
FRACTIONS ±.015	EXAMINED BY	CHIEF, SEC.
ANGLES ± 1/2°	APPROVED BY	CHIEF ENGINEER
DO NOT SCALE THIS PRINT	THIS PRINT ISSUED	
DIV. SEC.	650	CHIEF, DIV.
	01	RPD-L-27

ORIGINAL DATE OF DRAWING 9/21/73

REVISIONS			DATE
NO	E C N	CHANGE	
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NOTE 1 - MILL BEVELS TO HOLE INTERSECTIONS



DWG NO 8.4.28
PART NO. 4050

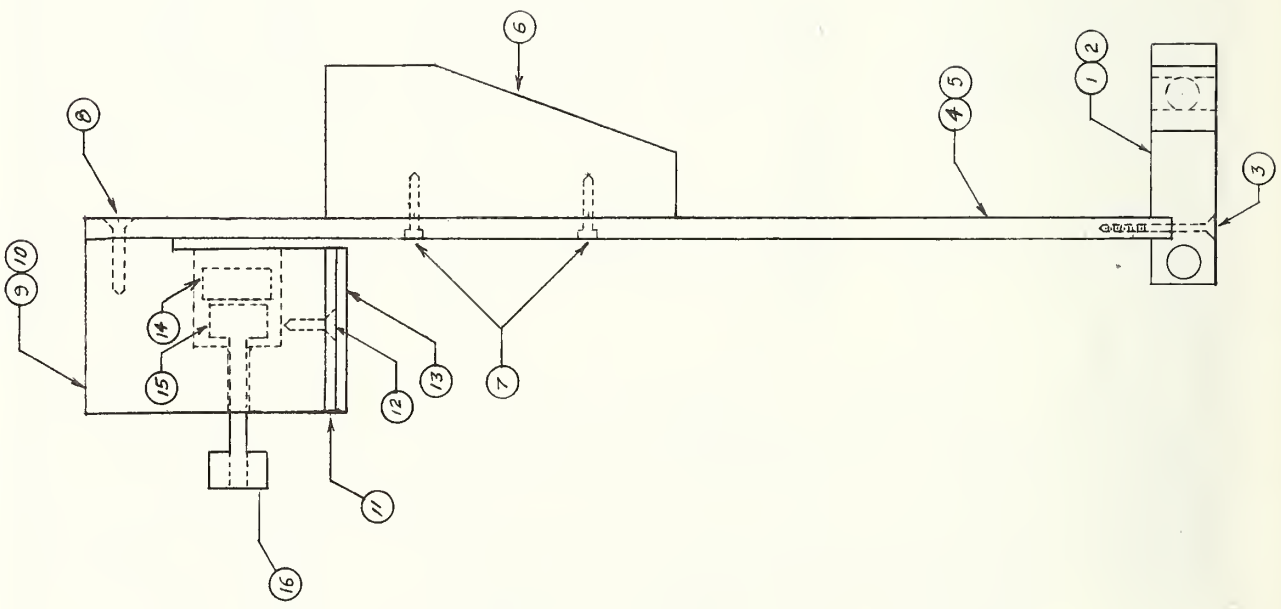
PIECE NO.	NOMENCLATURE	NO. REC'D
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
	SENSOR SHOE - RH	
	FOR DOCUMENT LABELER	
MODEL	TYPE	SCALE
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JR PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR JR PARK	PROJECT ENGR
DECIMALS ±.005	SUBMITTED BY	CHIEF, SEC.
FRACTIONS ±.010	EXAMINED BY	CHIEF ENGINEER
ANGLES ±.5'	APPROVED BY	CHIEF, DIV.
DO NOT SCALE THIS PRINT	THIS PRINT ISSUED	RPD-L-28
BY, SEC. 650		
01		

ORIGINAL DATE OF DRAWING		2/12/74	
REVISIONS			
NO	E C H	CHANGE	DATE
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NOTE: PARTS ARE LISTED FOR 1 PAIR OF DOCUMENT STOPS.

15	LOCK SCREW NUT - 10-32 KNURLED NUT PT. NO. 4064	2
15	LOCK SCREW 10-32 x 1" TRUMB SC. PT. NO. 4063	2
14	LOCK CUSHION - 3/8" RUBBER GROMMET PT. NO. 4062	2
13	1/8" SHEET CORK 1/2" W. x 4" L. G. PT. NO. 4046	2
12	1/8" x 1/8" F.H. MACH. SC. PT. NO. 4052	6
11	STOP BLOCK PLATE PT. NO. 4045 DWG. NO. L-24	2
10	DOCUMENT STOP BLOCK, R.H. PT. NO. 4045 A DWG. NO. L-23	1
9	DOCUMENT STOP BLOCK, L.H. PT. NO. 4045 DWG. NO. L-22	1
8	5-32 x 3/8" F.H. MACH. SC. PT. NO. 4052	6
7	2-3/8" x 1/4" F.H. HD. MACH. SC. PT. NO. 4055	4
6	DOCUMENT STOP PLATE PT. NO. 4051 DWG. NO. L-30	2
5	SENSOR SHOE SUPPORT, R.H. PT. NO. 4048 BBS. NO. L-26	1
4	SENSOR SHOE SUPPORT, L.H. PT. NO. 4048 BBS. NO. L-25	1
3	1-10 x 1/2" F.H. MACH. SC. PT. NO. 4056	2
2	SENSOR SHOE, R.H. PT. NO. 4050, DWG. NO. L-28	1
1	SENSOR SHOE, L.H. PT. NO. 4049 DWG. NO. L-27	1

PRICE NO.	NONENCLATURE	NO. END
NATIONAL BUREAU OF STANDARDS WASHINGTON 25, D. C.		
DOCUMENT STOP ASS'Y FOR DOCUMENT LABELER		
MODEL	TYPE	SCALE 2 X
DRAWN BY J. R. PARK	CHECKER	
PROJECT ENG.	PROJECT ENG.	
SUBMITTED BY	CHIEF, SEC.	
REVISIONS	CHIEF, ENGINEER	
APPROVED BY	CHIEF, DT.	
THIS PRINT ISSUED		
630		
01		

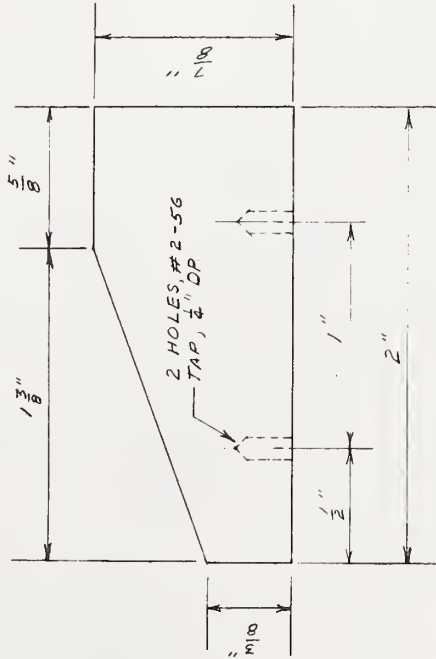


DWG NO 8.4.29

ORIGINAL DATE OF DRAWING 9/20/73

REVISIONS

NO	E	C	N	CHANGE	DATE
1					
2					
3					
4					



MAT'L: 1/8" THK BRASS STRIP

PIECE NO. NOMENCLATURE NO. REQ'D

NATIONAL BUREAU OF STANDARDS
WASHINGTON, D. C. 20234

FOR DOCUMENT STOP PLATE

MODEL TYPE SCALE 2X

DIMENSIONS IN INCHES (Unless otherwise specified)

DRAFTSMAN J.R. PARK CHECKER

PROJECT ENGR. J.R. PARK PROJECT ENGR.

TOLERANCES (Unless otherwise specified)

DECIMALS ± .008 SUBMITTED BY

FRACTIONS ± .018 EXAMINED BY

ANGLES ±.5° CHIEF, SEC. CHIEF ENGINEER

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DIV. SEC. 650 PRINT ISSUED

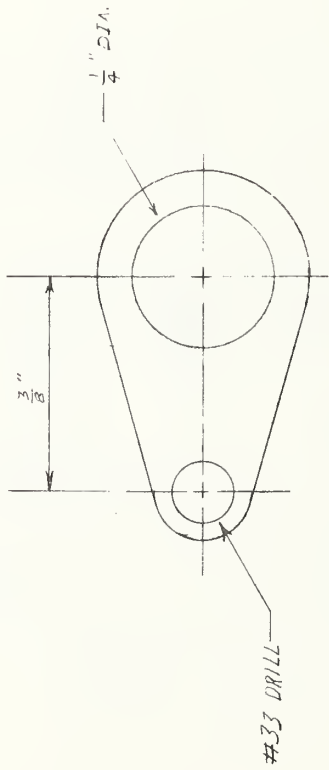
01 CHIEF DIV.

DWG NO 8.4.30
PART NO 40571

RPD-L-30

ORIGINAL DATE OF DRAWING 10/2/73

REVISIONS		
NO	E C N	CHANGE
1		
2		
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MAT'L: SOLDER LUGS WITH OPENINGS ON THE CENTERS. ENLARGE HOLES TO INDICATED DIMENSIONS.

PIECE NO. _____ NO. REQ'D _____

NOMENCLATURE _____

NATIONAL BUREAU OF STANDARDS
WASHINGTON, D. C. 20234

LAMP HOLDING CLAMP
FOR DOCUMENT LABELER

MODEL	TYPE	SCALE
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN J.R. PARK	5X
TOLERANCES (Unless otherwise specified)	PROJECT ERROR J.R. PARK	CHECKER
DECIMALS ±.008	SUBMITTED BY	PROJECT ERROR
FRACTIONS ±.018	EXAMINED BY	CHIEF, SEC.
ANGLES ±1/2°	DO NOT SCALE THIS PRINT	CHIEF ENGINEER

BY, SEC.	THIS PRINT ISSUED	CHIEF, DIV.
650		
01		

DWG NO 8.4.31
PART NO. 4058

RPB - L - 31

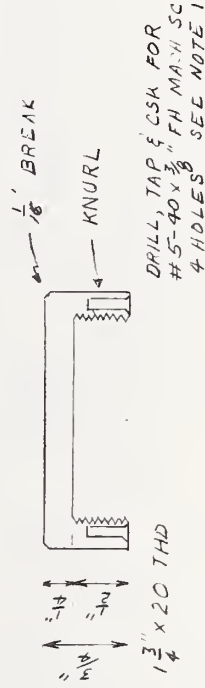
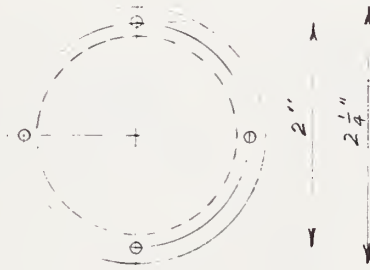
ORIGINAL DATE OF DRAWING 9/18/72

REVISIONS

NO	E C N	CHANGE	DATE
1		#5-40 WAS #6-32	9/17/73
2			
3			
4			

NOTES:

- 1. CSK ONLY DEEP ENOUGH TO ALLOW FIRM ATTACHMENT OF 1/8" THICK COUNTERSUNK FLANGE



MAT'L: AL

PIECE NO. NOMENCLATURE NO. REQ'D

NATIONAL BUREAU OF STANDARDS
WASHINGTON, D. C. 20234

FOR REEL FLANGE KNDB
DOCUMENT LABELER

MODEL	TYPE	SCALE	FS
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN	CHECKER	
TOLERANCES (Unless otherwise specified)	PROJECT ENGR	PROJECT ENGR	
DECIMALS ± .005	AA EFNST	SUBMITTED BY	
FRACTIONS ± .015	EXAMINED BY	CHIEF, B.C.	
ANGLES ± 1/4°	DO NOT SCALE THIS PRINT	APPROVED BY	CHIEF ENGINEER

DIV. B.C. 650
PRINT ISSUED 03

DWG NO 8.4.33
PART NO 4065

RPD-L-33

ORIGINAL DATE OF DRAWING 9/18/72

REVISIONS			
NO.	E C N	CHANGE	DATE
1		#5-40 WAS #6-32	9/17/73
2			
3			
4			

DRILL & CSK TO CLEAR
#5-40 FH MACH SC.
4 HOLES



DWG NO 8 4 34
PART NO. 4066

MAT'L: 78' AL

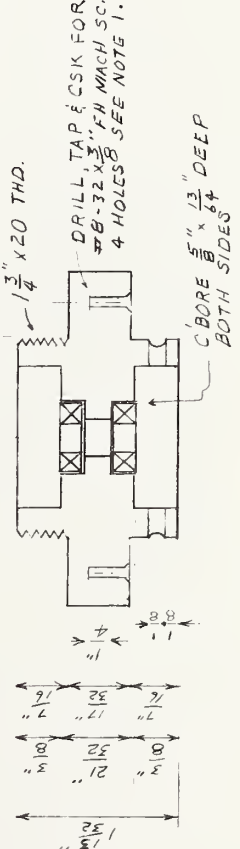
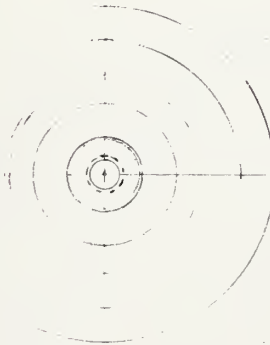
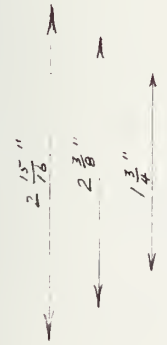
FACE NO.	NOMENCLATURE	NO. REVD
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
FOR DOCUMENT LABELER		
MODEL	TYPE	SCALE FS
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JR PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR AA ERNST	PROJECT ENGR
DECIMALS ± .008	SUBMITTED BY	
FRACTIONS ± .018	EXAMINED BY	CHIEF, SEC
ANGLES ± 1/2°	APPROVED BY	CHIEF ENGINEER
DO NOT SCALE THIS PRINT		
DIV. SEC. 650	THIS PRINT ISSUED	CHIEF, DIV
03		
		RPD-1-34

ORIGINAL DATE OF DRAWING 9/14/72

REVISIONS		
NO	E C N	CHANGE
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NOTES:

1. CSK ONLY DEEP ENOUGH TO REMOVE FIRM ATTACHMENT OF 1/8" THICK COUNTERSUNK FLANGE.



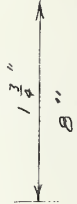
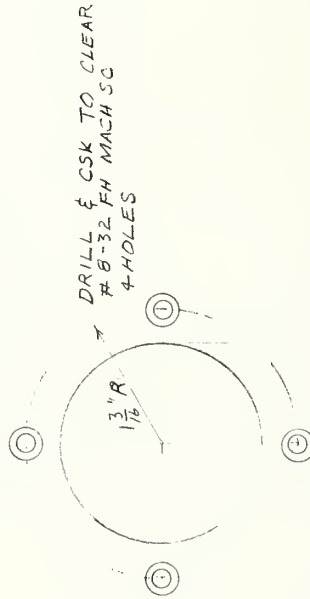
MAT'L: AL

PIECE NO.	NOMENCLATURE	NO. REV'D
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
FOR	REEL HUB	
MODEL	TYPE	SCALE
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JR PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR AA ERMST	PROJECT ENGR
DECIMALS ± .005	SUBMITTED BY	
FRACTIONS ± .015	EXAMINED BY	CHIEF, SEC.
ANGLES ± 1/4°	DO NOT SCALE THIS PRINT	CHIEF ENGINEER
DIV. BEC. 650	THIS PRINT ISSUED	APPROVED BY
03		CHIEF, DIV.
		RPD-L-35

DWG NO 8.4.35
PART NO. 4067

ORIGINAL DATE OF DRAWING 9/18/72

REVISIONS		
NO	E C N	DATE
1		
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MAT'L: 1/8" AL

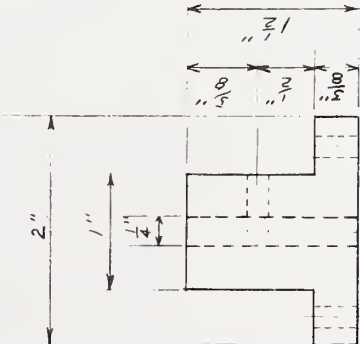
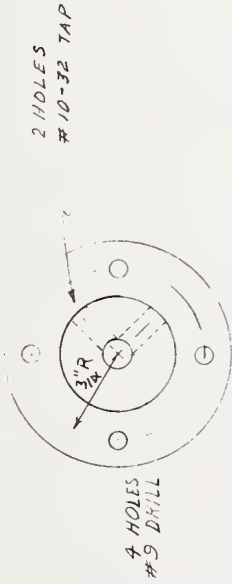
PIECE NO.	NOMENCLATURE	NO. REQ'D
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
FOR INNER REEL FLANGE		
FOR DOCUMENT LABELER		
MODEL	TYPE	SCALE FS
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JR PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR AA ERNST	PROJECT ENGR
DECIMALS ±.005	SUBMITTED BY	
FRACTIONS ±.015	EXAMINED BY	CHIEF, SEC.
ANGLES ±.5°		CHIEF ENGINEER
DO NOT SCALE THIS PRINT	APPROVED BY	CHIEF, DIV.
DIV. SEC. 650	THIS PRINT ISSUED	RPD - L-36
03		

DWG NO 8.4.36
PART NO. 406B

ORIGINAL DATE OF DRAWING 9/14/72

REVISIONS

NO	E	C	N	CHANGE	DATE
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MATL: AL

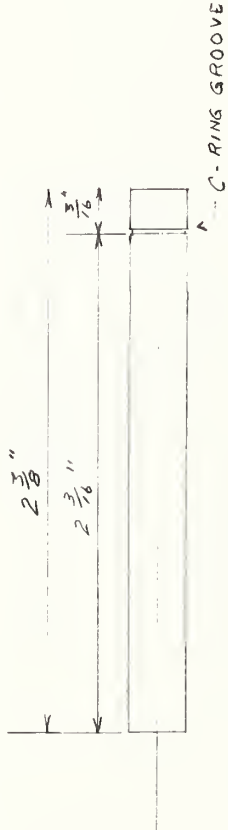
PIECE NO	NOMENCLATURE	NO	REC'D
	NATIONAL BUREAU OF STANDARDS		
	WASHINGTON, D. C. 20234		
REEL BASE			
FOR DOCUMENT LABELER			
MODEL	TYPE	SCALE	FS
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN J R PARK	CHECKER	
TOLERANCES (Unless otherwise specified)	PROJECT ENGR. A A ERNST	PROJECT ENGR	
DECIMALS ±.001	SUBMITTED BY		
FRACTIONS ±.015	EXAMINED BY	CHIEF, REC.	
ANGLES ±.1°	APPROVED BY	CHIEF ENGINEER	
DO NOT SCALE THIS PRINT			
DIV. SEC.	THIS PRINT ISSUED		
550			
03			
			RPD-L-37

DWG NO 8.4.37

PART NO. 4069

ORIGINAL DATE OF DRAWING 9/14/72

REVISIONS			
NO	E C N	CHANGE	DATE
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MAT'L: 1/4" DRILL ROD

FIGURE NO	NOMENCLATURE	FIGURE NO
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NATIONAL BUREAU OF STANDARDS
WASHINGTON, D. C. 20234

FOR REEL SHAFT

MODEL	TYPE	SCALE
DOCUMENT LABELER		
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN	CHECKER
TOLERANCES (Unless otherwise specified)	JR PAAR	PROJECT ENGR
DECIMALS ±.005	SUBMITTED BY	
FRACTIONS ±.018	EXAMINED BY	
ANGLES ±1/2°	CHIEF, SEC.	
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DIV. SEC.	CHIEF ENGINEER	

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650	
03	
RPD-L-38	

DWG NO 8.4.38
PART NO. 4070

ORIGINAL DATE OF DRAWING 10/15/73

REVISIONS		
NO	E C N	CHANGE
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NO	E C N	CHANGE	DATE
PART NO. DESC.			
11	4065	DWG L-33 FLANGE NOS. 1	
10	4066	DWG. L-34 OUTER FLANGE 1	
9	4071	5-40 X 3/8" F.H. 4	
8	4074	C-RING FOR 1/2" SHFT. 1	
7	4068	DWG. L-36 INNER FLANGE 1	
6	4072	B-32 X 3/8" F.H. 4	
5	4073	BENRING NO. 77R4 1/2" 2	
4	4067	DWG L-35 REEL HUB. 1	
3	4076	10-32 X 1/4" ALLEN HD SET SC 2	
2	4075	10-32 X 3/4" BD. HD. 4	
1	4069	DWG L-37 REEL BASE 1	

PIECE NO. NOMENCLATURE NO. REV'D

NATIONAL BUREAU OF STANDARDS
WASHINGTON, D. C. 20234

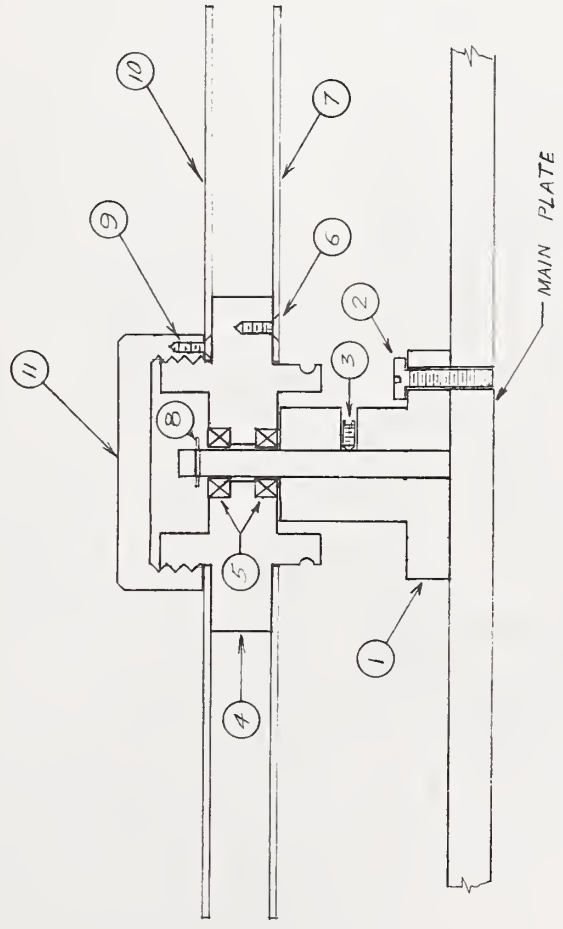
FOR REEL ASSEMBLY

MODEL TYPE SCALE

DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN J.R. PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR J.R. PARK	PROJECT ENGR
DECIMALS ±.008	SUBMITTED BY	
FRACTIONS ±.018	EXAMINED BY	CHIEF, SEC.
ANGLES ±.5'	APPROVED BY	CHIEF ENGINEER

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RPD-L-39

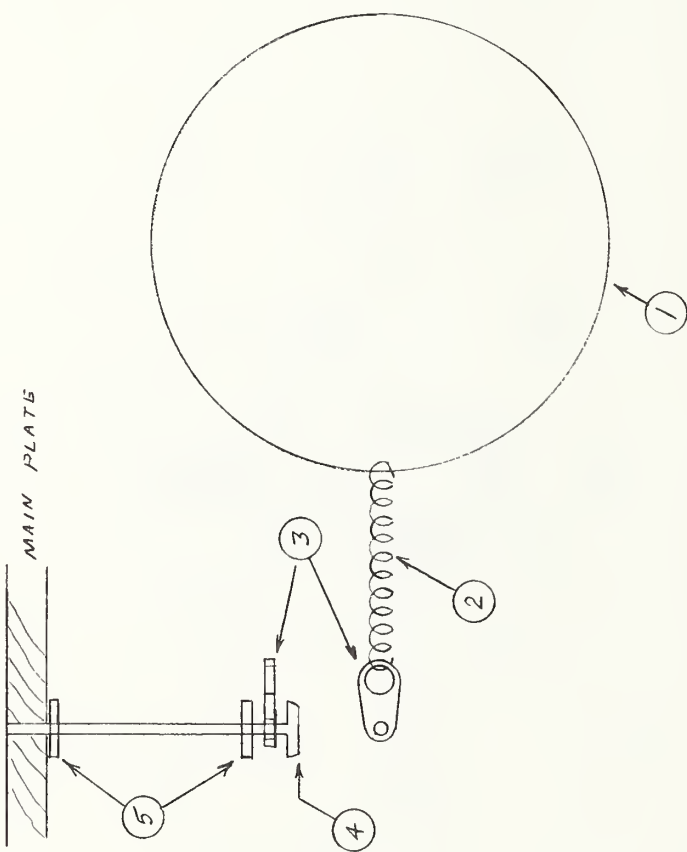


DWG NO 8.4.39

ORIGINAL DATE OF DRAWING 2/7/74

REVISIONS

NO.	E C N.	CHANGE	DATE
1			
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PIECE NO.	NOMENCLATURE	NO. REQ'D
5	6-32 HEX. NUT	2
4	6-32 X 1/2" B.H. MACH. SC.	1
3	SOLDER LUG	1
2	TENSION SPRING 1/8" D. X 1 1/4" L. LIGHT TENSION	1
1	4" LOOP OF TEFLON- INSULATED WIRE	1

NATIONAL BUREAU OF STANDARDS
WASHINGTON, D. C. 20234

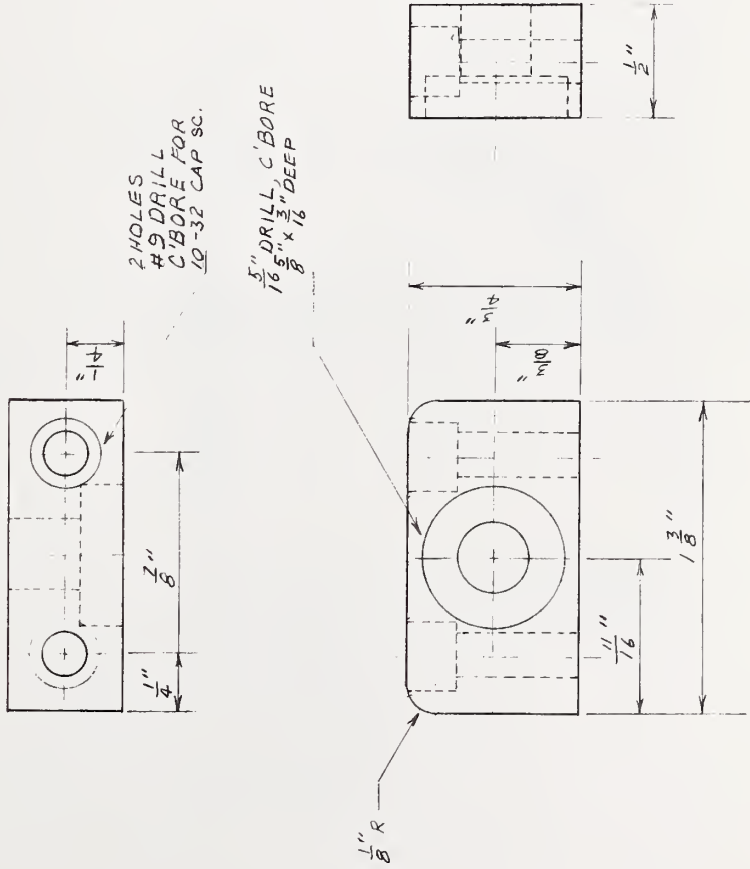
REEL DAMPER ASS'Y
FOR DOCUMENT LABELER

MODEL	TYPE	SCALE	NAME
	DRAFTSMAN J R PARK	CHECKER	
	PROJECT ENGR J R PARK	PROJECT ENGR	
	SUBMITTED BY		
	EXAMINED BY	CHIEF, SEC.	
	APPROVED BY	CHIEF ENGINEER	
	PRINT ISSUED	CHIEF, DIV.	

DWG NO 8.4.40
6570
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RPB-L-40

ORIGINAL DATE OF DRAWING 9/18/73

REVISIONS		
NO	E C N	DATE
1	CHANGE	
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MAT'L: AL.

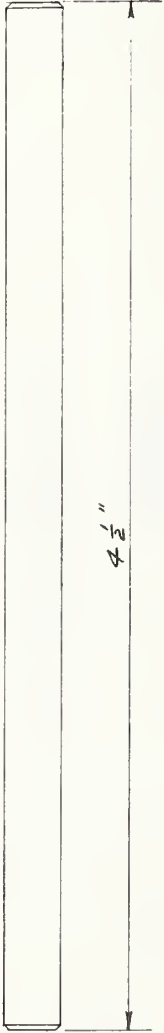
PIECE NO	NOMENCLATURE	NO. REV'D
NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234		
CARRIER BEARING MOUNT FOR DOCUMENT LABELER		
MODEL	TYPE	SCALE 2 X
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN J.A. PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR J.R. PARK	PROJECT ENGR
DECIMALS ±.008	SUBMITTED BY	
FRACTIONS ±.018	EXAMINED BY	CHIEF, REC
ANGLES ±.5°		CHIEF ENGINEER
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DIV. SEC. 650	THIS PRINT ISSUED	
01		R.P.D.-L-41

DWG NO. 8.4.41
PART NO. 4-082

ORIGINAL DATE OF DRAWING 10/3/72

REVISIONS

NO	E	C	N	CHANGE	DATE
1					
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MAT'L: $\frac{1}{4}$ " DRILL ROD

PIECE NO. NOMENCLATURE NO. REQ'D

NATIONAL BUREAU OF STANDARDS
WASHINGTON, D. C. 20234

CARRIER ARM SHAFT
FOR DOCUMENT LABELER

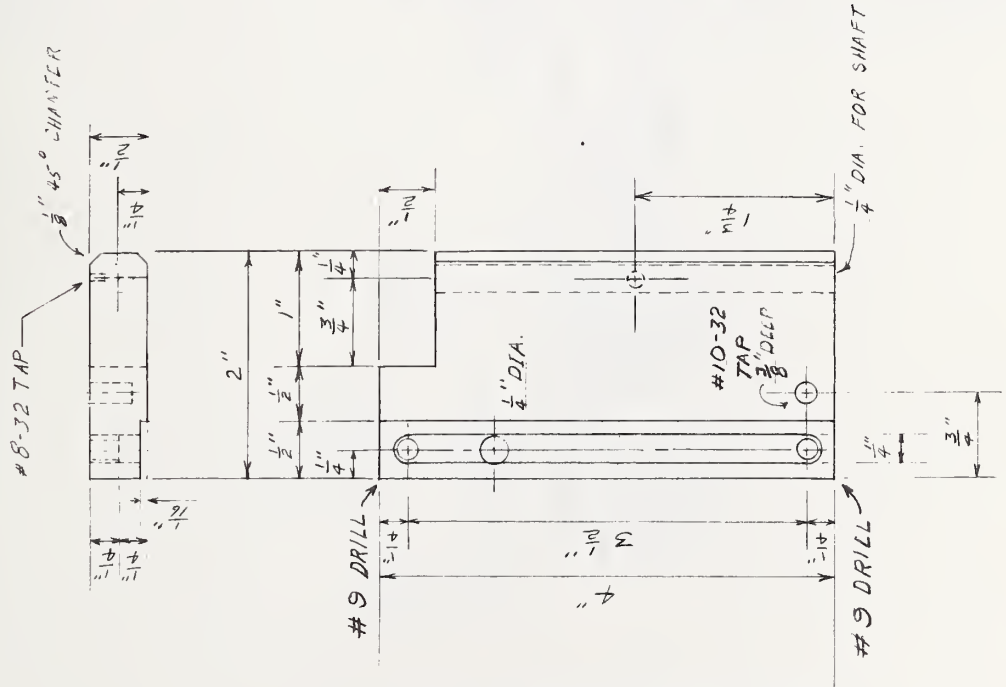
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DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN	SCALE 2X
TOLERANCES (Unless otherwise specified)	PROJECT ENGR.	CHECKER
DECIMALS ±.008	AA ERNST	PROJECT ENGR.
FRACTIONS ±.018	SUBMITTED BY	CHIEF, SEC.
ANGLES ± $\frac{1}{4}$ °	EXAMINED BY	CHIEF ENGINEER

SW. SEC. THIS PRINT ISSUED
650 03

DWG NO 8.4.42
PART NO. 4085

RPD-L-42

ORIGINAL DATE OF DRAWING		10/2/72	
REVISIONS			
NO.	E C N	CHANGE	DATE
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1/4" DIA FOR PRESS-FIT HOSE CONNECTOR

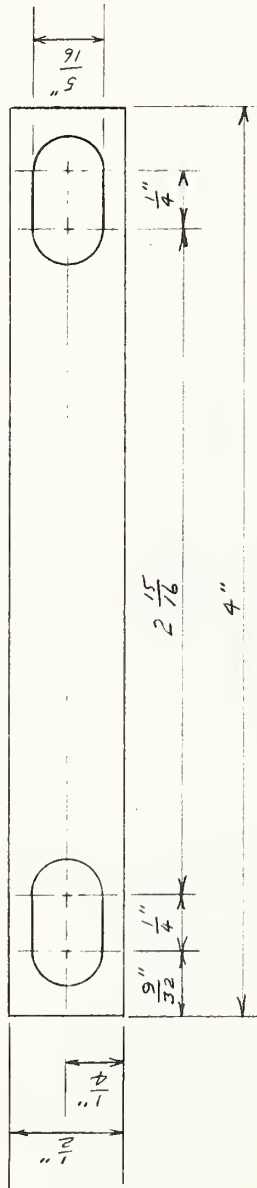
MAT'L: AL

PIECE NO.	NOMENCLATURE	NO. REC'D
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
FOR LABEL CARRIER ARM		
FOR DOCUMENT LABELER		
MODEL	TYPE	SCALE/F5
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JR PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR AA ERNST	PROJECT ENGR
DECIMALS ±.008	SUBMITTED BY	
FRACTIONS ±.01	EXAMINED BY	CHIEF, REC.
ANGLES ±.5°	APPROVED BY	CHIEF ENGINEER
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DIV. SEC.	650	
	05	
		RPD-L-73

DWG NO 8.4.43
PART NO. 4087

ORIGINAL DATE OF DRAWING 9/18/73

REVISIONS	
NO	DATE
1	
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MAT'L: 1/32" THK TEFLON

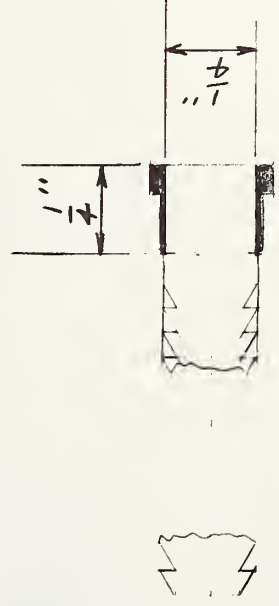
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	CARRIER GASKET	
	FOR DOCUMENT LABELER	
MODEL	TYPE	SCALE 2X
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JR PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR JR PARK	PROJECT ENGR
DECIMALS ±.008	SUBMITTED BY	
FRACTIONS ±.018	EXAMINED BY	
ANGLES ±.1°	CHIEF, SEC.	
DO NOT SCALE THIS PRINT	APPROVED BY	
BY, SEC.	CHIEF ENGINEER	
650	PRINT ISSUED	
.01	CHIEF, DIV.	
	RPD-L-44	

DWG NO 8.4.44
PART NO. 4088

ORIGINAL DATE OF DRAWING 10/13/72

REVISIONS

NO.	E. C. N.	CHANGE	DATE
1			
2			
3			
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REMOVE DARKENED AREA
 BY TURNING TO UNDI-
 CATED DIMENSIONS &
 PRESS FIT TO LABEL
 CARRIER ARM

MAT'L: MODIFIED HOSE CONNECTOR
 FSC 4730-562-7566

PIECE NO.	NOMENCLATURE	NO. REQ'D
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NATIONAL BUREAU OF STANDARDS
 WASHINGTON 25. D. C.

FOR VACUUM CONNECTOR
 DOCUMENT LABELER

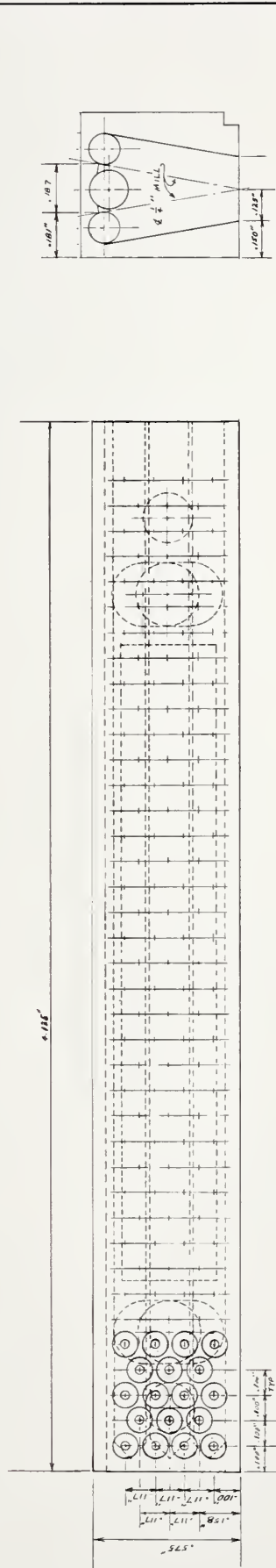
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DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JR PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR AA ERNST	PROJECT ENGR.
DECIMALS ±.005	SUBMITTED BY	CHIEF. SEC.
FRACTIONS ±.015	EXAMINED BY	CHIEF ENGINEER
ANGLES ± 1/2°	DO NOT SCALE THIS PRINT	APPROVED BY
DIV. SEC. 650	THIS PRINT ISSUED	CHIEF. DIV.
.03		

DWG NO 8.4.45
 PART NO. 4089

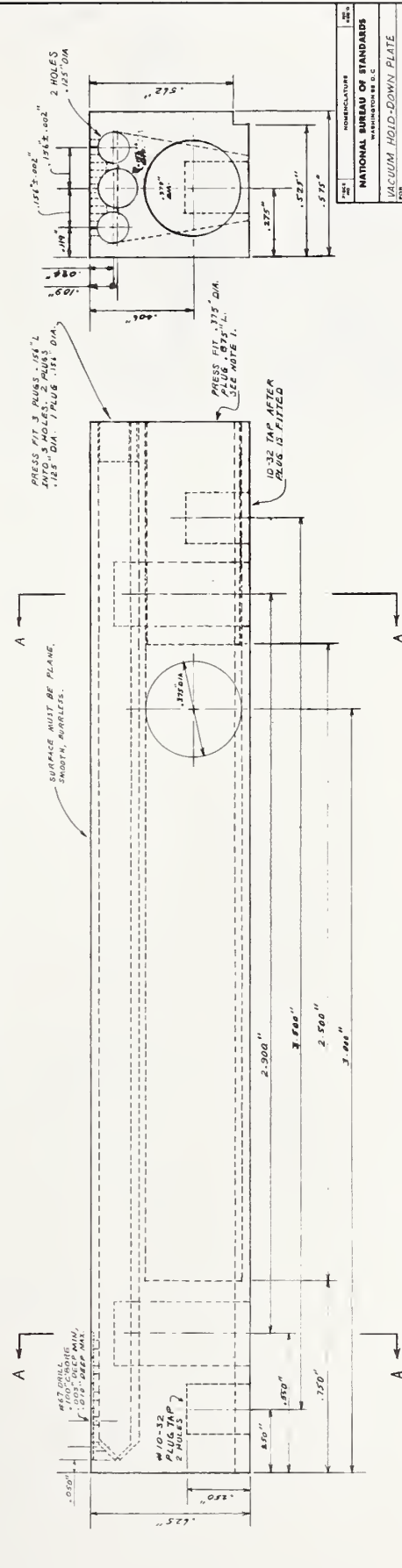
RPD-L-45

ORIGINAL DATE OF DRAWING		5/17/75	
REVISIONS			
NO.	DATE	DESCRIPTION	BY
1		OPENINGS DWG OBSOLETE	
2			
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4			

NOTES:
 1. HEATER CARTRIDGE TO BE INSTALLED & PLUG INSERTED BEFORE DRILLING & TAPPING.
 2. MAT'L: 2024 AL.



A-A



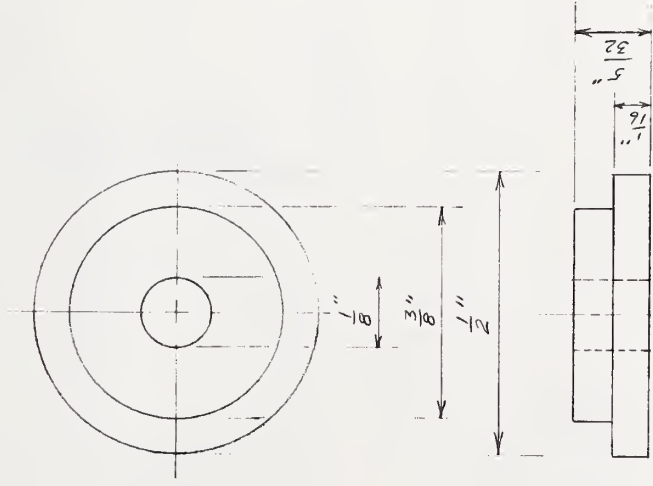
NATIONAL BUREAU OF STANDARDS WASHINGTON 25, D.C.	
MAGNUM HOLD-DOWN PLATE	
NO. 1	NO. 2
NAME	NUMERICAL
DATE	SCALE
DESIGNED BY	CHECKED BY
DRIVEN BY	APPROVED BY
DATE	DATE
BY	TYPE
650	650
RPD - L-46	

DWG NO. B 4 46

ORIGINAL DATE OF DRAWING 9/13, 73

REVISIONS

NO	E	C	N	CHANGE	DATE
1					
2					
3					
4					



MAT'L: TEFLON

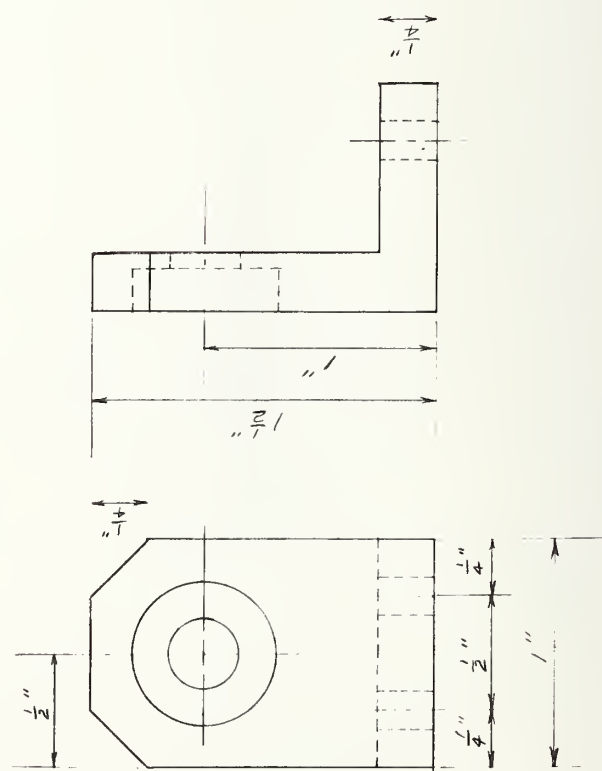
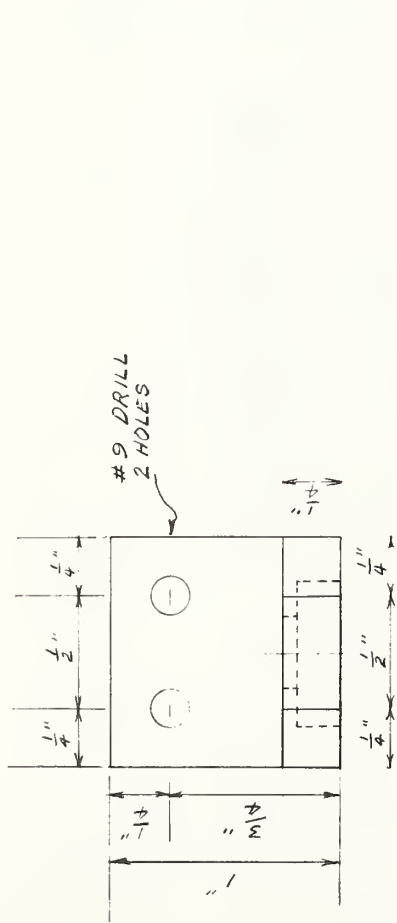
PIECE NO.	NOMENCLATURE	NO. REG. D.
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
FOR PROTECTIVE BUSHING		
MODEL		SCALE 5X
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JR PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR JR PARK	PROJECT ENGR
DECIMALS ± .008	SUBMITTED BY	
FRACTIONS ± 0:8	EXAMINED BY	
ANGLES ± 1/2°	CHIEF. SEC.	
DO NOT SCALE THIS PRINT	APPROVED BY	
DIV. SEC.	THIS PRINT ISSUED	CHIEF ENGINEER
650	01	RPD-1-47

DWG NO 8.4.47
PART NO. 4094

ORIGINAL DATE OF DRAWING 10/2/72

REVISIONS

NO	E	C	N	CHANGE	DATE
1					
2					
3					
4					



ONE HOLE $\frac{5}{8}$ " DIA.
BORE $\frac{1}{2}$ " DIA X
 $\frac{3}{16}$ " DEEP

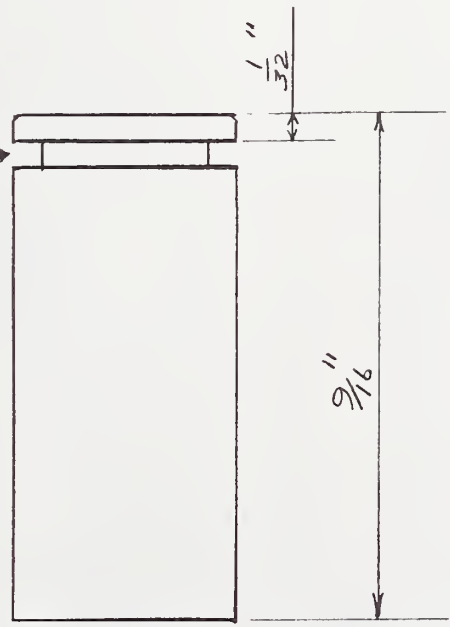
MAT'L: AL

PIECE NO.	NOMENCLATURE	NO. REQ'D
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
FOR CARRIER BELL CRANK		
DOCUMENT LABELER		
MODEL	TYPE	SCALE
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JR PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR AA ERNST	PROJECT ENGR
DECIMALS ±.008	SUBMITTED BY	
FRACTIONS ±.015	EXAMINED BY	CHIEF, SEC.
ANGLES ±.1°	APPROVED BY	CHIEF ENGINEER
DO NOT SCALE THIS PRINT	THIS PRINT ISSUED	CHIEF, DIV.
DWG. SEC. 650		RPD-L-48
03		

DWG NO 8.4.48
PART NO. 4-095

REVISIONS			
NO.	E. C. N.	CHANGE	DATE
1			
2			
3			
4			

C-RING GROOVE



NOTE: THIS SHAFT TO BE INSERTED IN CONNECTING ROD & EXPANDED BY PUNCHING. SEE DWG. L-50

MAT'L: 1/4" DRILL ROD

PIECE NO.	NOMENCLATURE	NO. REQ'D
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NATIONAL BUREAU OF STANDARDS
WASHINGTON 25. D. C.

ACTUATOR CONNECTING ROD SHAFT

FOR DOCUMENT LABELER

MODEL	TYPE	SCALE
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR.	PROJECT ENGR.
DECIMALS ±.005	AA ERNST	
FRACTIONS ±.015	SUBMITTED BY	CHIEF. SEC.
ANGLES ±1/2°	EXAMINED BY	CHIEF ENGINEER
DO NOT SCALE THIS PRINT	APPROVED BY	CHIEF. DIV.

DIV. SEC.	THIS PRINT ISSUED
650	
03	

DWG NO 8.4.49
PART NO. 4099

RPD-L-49

ORIGINAL DATE OF DRAWING 10/3/72

REVISIONS		DATE
NO.	E C M	CHANGE
1		
2		
3		
4		

1/4" DIA
2 HOLES



NOTE: 1/4" DIA. SHAFTS
TO BE INSERTED &
EXPANDED BY PUNCHING.
SEE DWG. L-49

ASSEMBLY SKETCH
NOT TO SCALE

MAT'L: AL

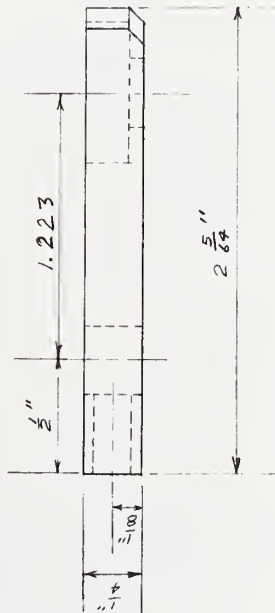
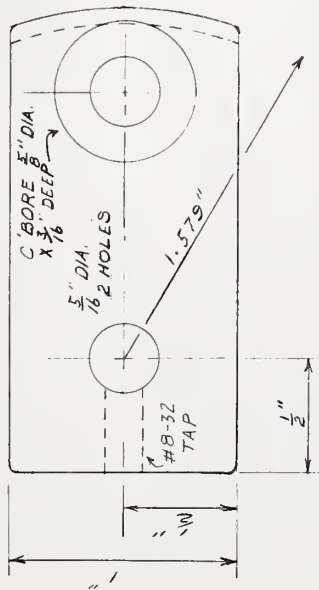
PIECE NO.	NOMENCLATURE	NO. REV'D
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
FOR DOCUMENT LABELER		
MODEL	TYPE	SCALE
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAWN BY JR PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR	PROJECT ENGR
DECIMALS ±.008	SUBMITTED BY	CHIEF, SEC.
FRACTIONS ±.018	EXAMINED BY	CHIEF ENGINEER
ANGLES ±.4'	APPROVED BY	CHIEF, DIV.
DO NOT SCALE THIS PRINT	THIS PRINT ISSUED	
DIV. SEC.	650	
	03	
		RPD - L-50

DWG NO 8.4.50
PART NO. 4100

ORIGINAL DATE OF DRAWING 10/3/72

REVISIONS

NO	E	C	N	CHANGE	DATE
1				1.223" WAS 1.2042"	9/24/73
2					
3					
4					



MAT L: AL

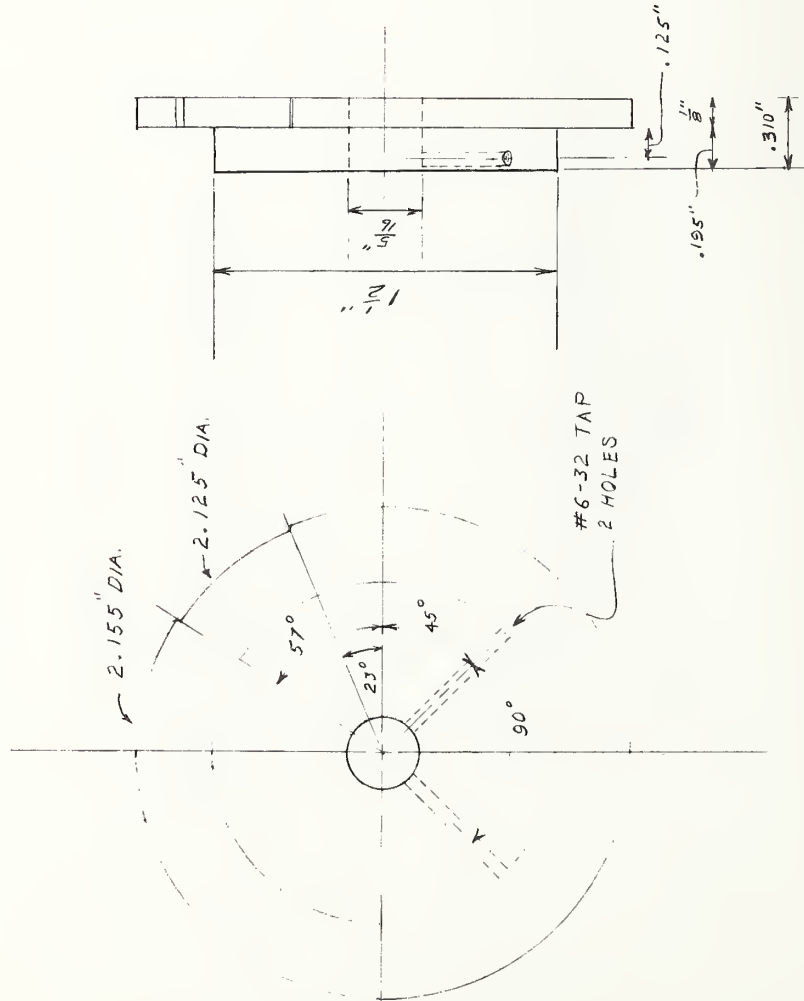
PIECE NO.	NOMENCLATURE	NO. REC'D
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
FOR	ACTUATOR BELL CRANK DOCUMENT LABELER	
MODEL	TYPE	SCALE 2X
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JIR/PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR AA LRAO	PROJECT ENGR
DECIMALS ±.008	SUBMITTED BY	
FRACTIONS ±.018	EXAMINED BY	CHIEF, SEC.
ANGLES ±.5°	DO NOT SCALE THIS PRINT	CHIEF ENGINEER
DIV. SEC.	THIS PRINT ISSUED	CHIEF, DIV.
650	03	RPD-L-51

DWG NO 8.4.51
PART NO. 4101

ORIGINAL DATE OF DRAWING 7/27/72

REVISIONS

NO	E C N.	CHANGE	DATE
1		Added dim. $\phi 125$ "	7/27/72
2		$\phi 195$ " was $\frac{1}{8}$ "	7/27/72
3		$\phi 310$ " was $\frac{3}{8}$ "	7/27/72
4			



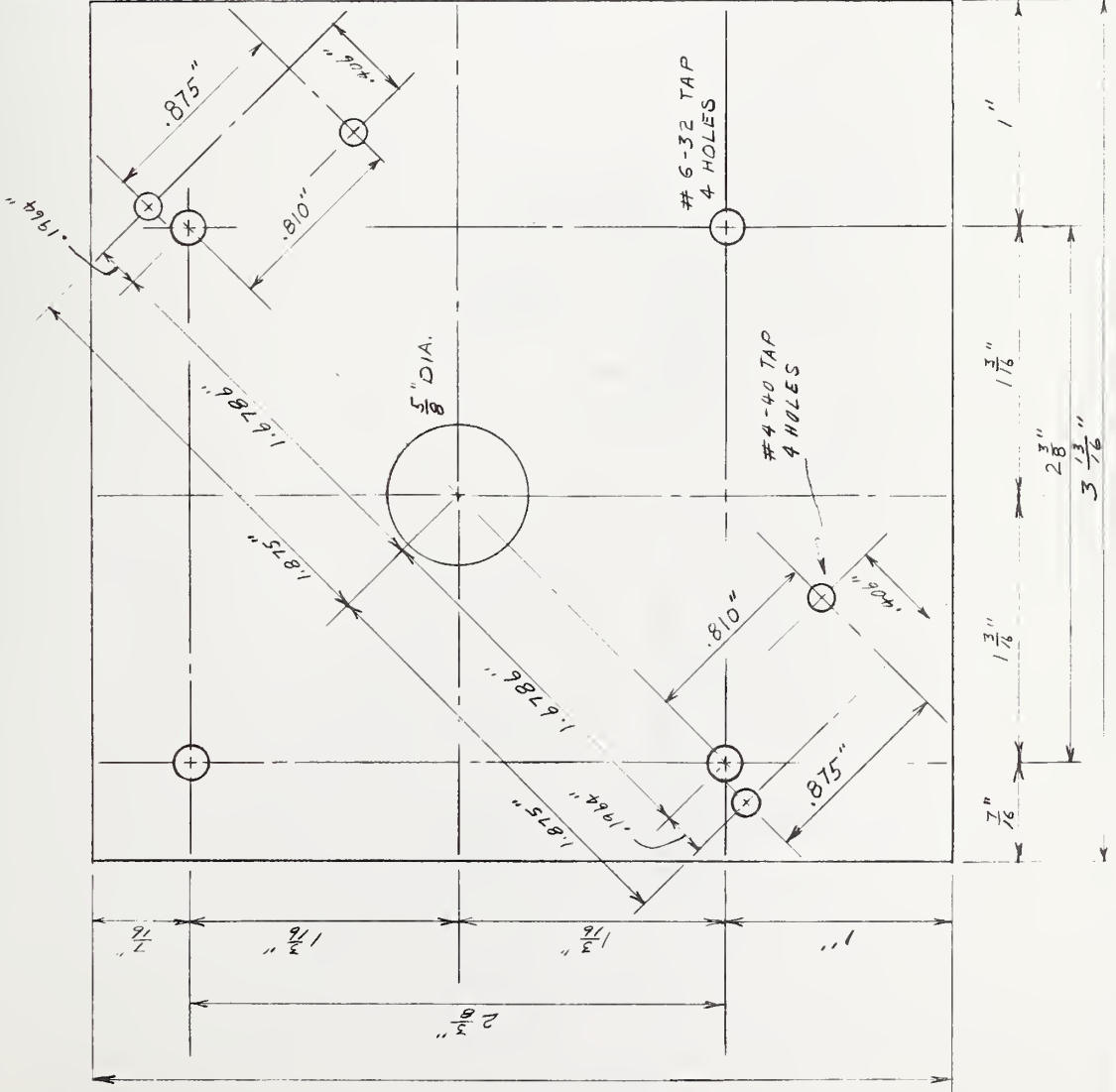
MAT'L: AL

PIECE NO.	NOMENCLATURE	NO. OF RODS
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
FOR ACTUATOR CAM		
DOCUMENT LABELER		
MODEL	TYPE	SCALE
	DRAFTSMAN JR PARK	2 X
	PROJECT ENGR AA ERNST	CHECKER
	SUBMITTED BY	PROJECT ENGR
	EXAMINED BY	CHIEF, SEC.
	APPROVED BY	CHIEF ENGINEER
	PRINTED	CHIEF, DIV.
	650	RPD-L-52
	03	

DWG NO 8.4.52
PART NO. 4104

ORIGINAL DATE OF DRAWING 9/25/72

REVISIONS		
NO.	E C N	CHANGE
1		
2		
3		
4		



MATL. $\frac{1}{8}$ " THK AL

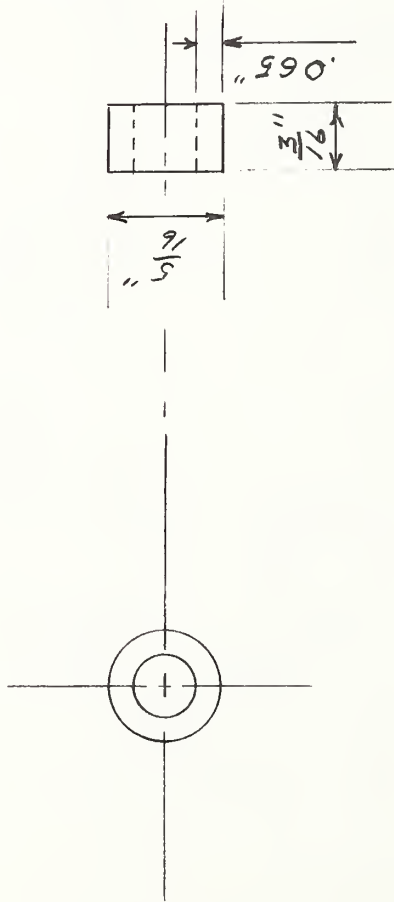
PIECE NO.	NOMENCLATURE	NO. REV.
	NATIONAL BUREAU OF STANDARDS	
	WASHINGTON, D. C. 20234	
CAM SWITCH MOUNTING PLATE		
FOR DOCUMENT LABELER		
MODEL	TYPE	SCALE
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN	2 X
TOLERANCES (Unless otherwise specified)	PROJECT ENGR	CHECKER
DECIMALS $\pm .008$	AA ERNST	PROJECT ENGR
FRACTIONS $\pm .018$	SUBMITTED BY	
ANGLES $\pm \frac{1}{2}$	EXAMINED BY	CHIEF, SEC.
DO NOT SCALE THIS PRINT	APPROVED BY	CHIEF ENGINEER
BY, SEC. 650	THIS PRINT ISSUED	
03		
		RPD - L-53

DWG NO 8.4.53
PART NO. 4106

ORIGINAL DATE OF DRAWING 9/28/72

REVISIONS

NO.	E. C. N.	CHANGE	DATE
1			
2			
3			
4			



300

MAT'L: COPPER TUBING
 $\frac{5}{16}$ " O.D., 0.065" WALL THK.

PIECE NO.	NOMENCLATURE	NO. REQ'D
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NATIONAL BUREAU OF STANDARDS
 WASHINGTON 25, D. C.

MTG. PLATE SPACER

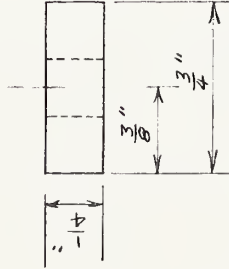
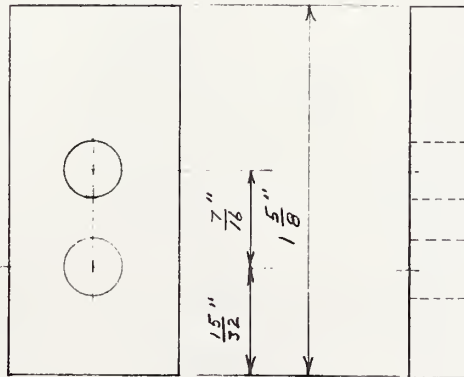
FOR DOCUMENT LABELER		SCALE 2X
MODEL	TYPE	CHECKER
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN J.R. PARK	PROJECT ENGR.
TOLERANCES (Unless otherwise specified)	PROJECT ENGR. A.A. EHNST	SUBMITTED BY
DECIMALS ±.005	EXAMINED BY	CHIEF. SEC.
FRACTIONS ±.015	APPROVED BY	CHIEF ENGINEER
ANGLES ± $\frac{1}{2}$ °	PRINTED BY	CHIEF. DIV.
DO NOT SCALE THIS PRINT	APPROVED BY	
DIV. SEC. 650	THIS PRINT ISSUED	
03	RPD-L-54	

DWG NO 8.4.54
 PART NO. 4109

ORIGINAL DATE OF DRAWING 9/7/73

REVISIONS

NO	E	C	N	CHANGE	DATE
1					
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3					
4					



MAT'L: AL

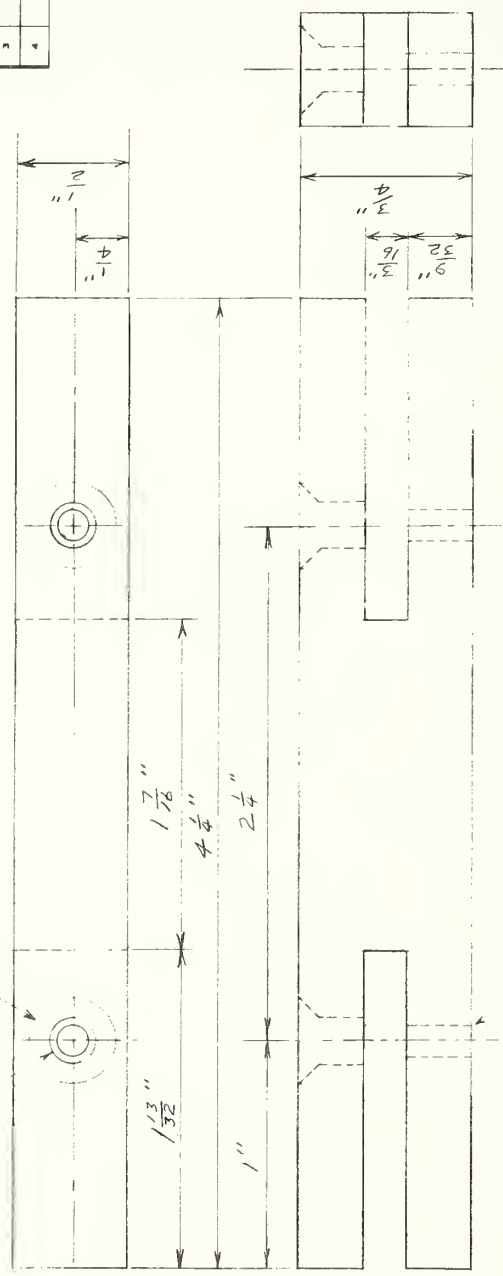
PIECE NO	NOMENCLATURE	NO	REQ'D
	NATIONAL BUREAU OF STANDARDS		
	WASHINGTON, D. C. 20234		
	ACTUATOR MOTOR MTG. SPACER		
	FOR DOCUMENT LABELER		
MODEL	TYPE	SCALE	2 X
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JR PARK	CHECKER	
TOLEANCES (Unless otherwise specified)	PROJECT ENGR JR PARK	PROJECT ENGR	
DECIMALS ±.005	SUBMITTED BY	CHIEF, SEC.	
FRACTIONS ±.015	EXAMINED BY	CHIEF ENGINEER	
ANGLES ±.4°	APPROVED BY	CHIEF, DIV.	
DO NOT SCALE THIS PRINT	THIS	PRINT ISSUED	
	BY, SEC.	01	
			RPD-L-55

DWG NO 8.4.55
PART NO 4-11Z

ORIGINAL DATE OF DRAWING 10/21/73

REVISIONS		DATE
NO.	E C N	CHANGE
1		
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4		

#S DRILL
---CSK FOR 10-32 FH



10-32 TAP

MAT L: AL

PIECE NO. NOMENCLATURE NO. REQD.

NATIONAL BUREAU OF STANDARDS
WASHINGTON, D. C. 20234

FOR STAMP PLATEN
DOCUMENT LABELER

MODEL	TYPE	SCALE
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTER JR PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR. JR PARK	PROJECT ENGR.
DECIMALS ±.008	SUBMITTED BY	CHIEF, SEC.
FRACTIONS ±.018	EXAMINED BY	CHIEF ENGINEER
ANGLES ±.4°	APPROVED BY	CHIEF, DIV.
DO NOT SCALE THIS PRINT	THIS PRINT ISSUED	
DIV. SEC. 650	01	RPD-L-56

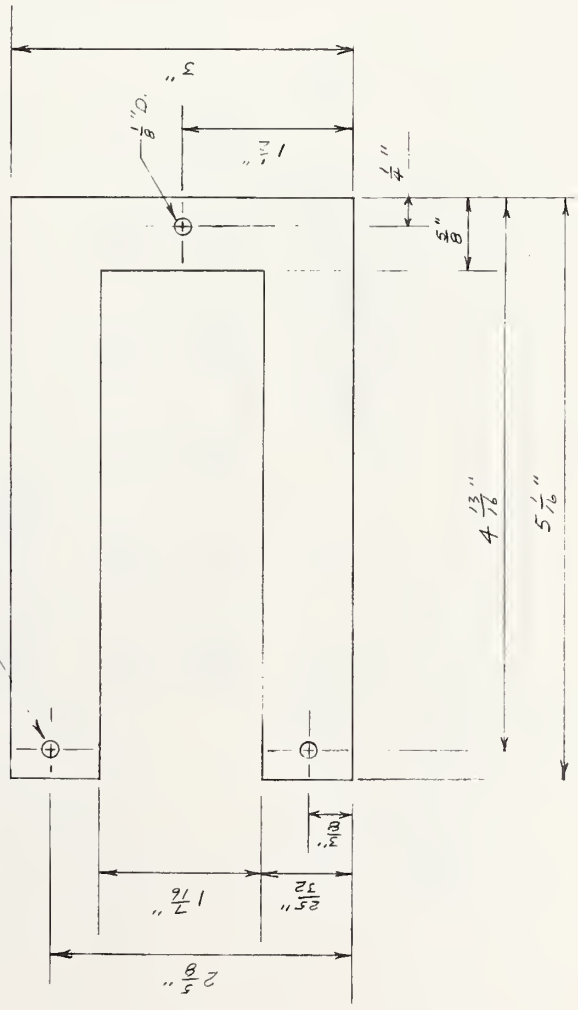
DWG NO 8.4.56
PART NO. 4114

ORIGINAL DATE OF DRAWING 1/12/13

REVISIONS

NO	E	C	N	CHANGE	DATE
1					
2					
3					
4					

#5 DRILL
2 HOLES



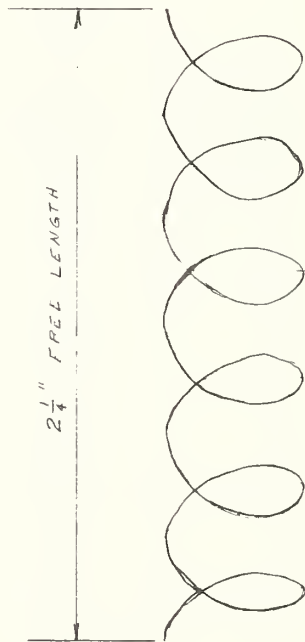
MAT'L: $\frac{3}{16}$ " BRASS

PIECE NO.	NOMENCLATURE	NO. OF Pcs.
NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234		
FOR PLATEN DRIVE YOKE		
FOR DOCUMENT LABELER		
MODEL	TYPE	SCALE FS
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JR PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR. JR PARK	PROJECT ENGR.
DECIMALS $\pm .008$	SUBMITTED BY	
FRACTIONS $\pm .018$	EXAMINED BY	
ANGLES $\pm \frac{1}{4}^{\circ}$	CHIEF, SEC.	
DO NOT SCALE THIS PRINT	APPROVED BY	
	CHIEF ENGINEER	
DIV. SEC.	THIS PRINT ISSUED	CHIEF, DIV.
650		
01		
		RPD-L-57

DWG NO 8.4.57
PART NO. 4117

ORIGINAL DATE OF DRAWING 10/2/73

REVISIONS		
NO	E C N	DATE
1	CHANGE	
2		
3		
4		



6 TURNS ON MANDREL TO MAKE
 $\frac{5}{8}$ " RELAXED I.D.

MAT'L: AISI 1090 SPRING STEEL
 MUSIC WIRE .037" DIA
 FSC 9505-892-4765

PART NO.	NOMENCLATURE	REV. NO.

NATIONAL BUREAU OF STANDARDS
 WASHINGTON, D. C. 20234

PLATEN & SHEAR RETURN SPRING

FOR DOCUMENT LABELER

MODEL	TYPE	SCALE
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR.	PROJECT ENGR.
DECIMALS ±.003	SUBMITTED BY	
FRACTIONS ±.015	CHIEF, BEC	
ANGLES ±.5°	EXAMINED BY	
DO NOT SCALE THIS PRINT	APPROVED BY	
	CHIEF ENGINEER	

BY: SKC	THIS PRINT ISSUED
650	
01	

DWG NO 8.4.58
 PART NO. 4118
 PART NO. 4133

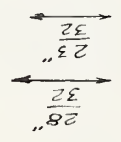
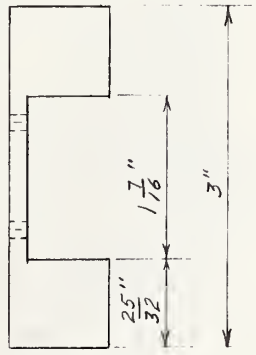
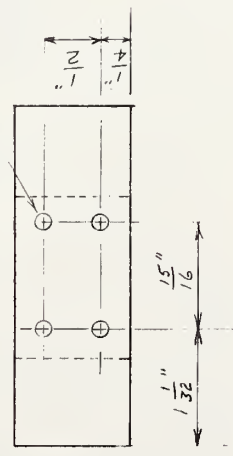
PLATEN RETURN
 SHEAR RETURN

RPD-L-58

ORIGINAL DATE OF DRAWING 9/17/73

REVISIONS		
NO	E C N	CHANGE
1		DATE
2		
3		
4		

4-HOLES
#18 DRILL



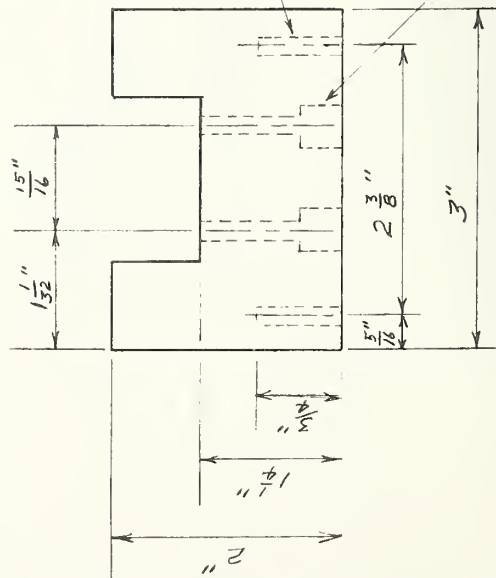
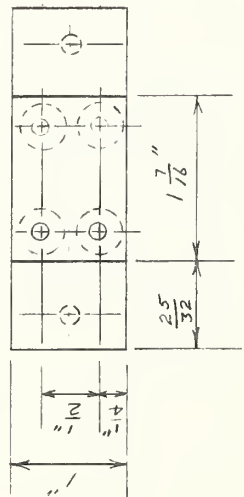
MAT'L: AL

PAGE NO.	NOMENCLATURE	NO. REV'D
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
STAMP SOLENOID YOKE GUIDE FOR DOCUMENT LABELER		
MODEL	TYPE	SCALE F.S.
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JR PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR JR PARK	PROJECT ENGR
DECIMALS ±.008	SUBMITTED BY	
FRACTIONS ±.018	EXAMINED BY	CHIEF, SEC.
ANGLES ±.5°	APPROVED BY	CHIEF ENGINEER
DO NOT SCALE THIS PRINT	THIS PRINT ISSUED	CHIEF, DIV.
DIV. SEC. 650		
.01		RPD-L-59

DWG NO 8.4.59
PART NO. 4119

ORIGINAL DATE OF DRAWING 9/17/73

REVISIONS			DATE
NO.	E C N	CHANGE	
1			
2			
3			
4			



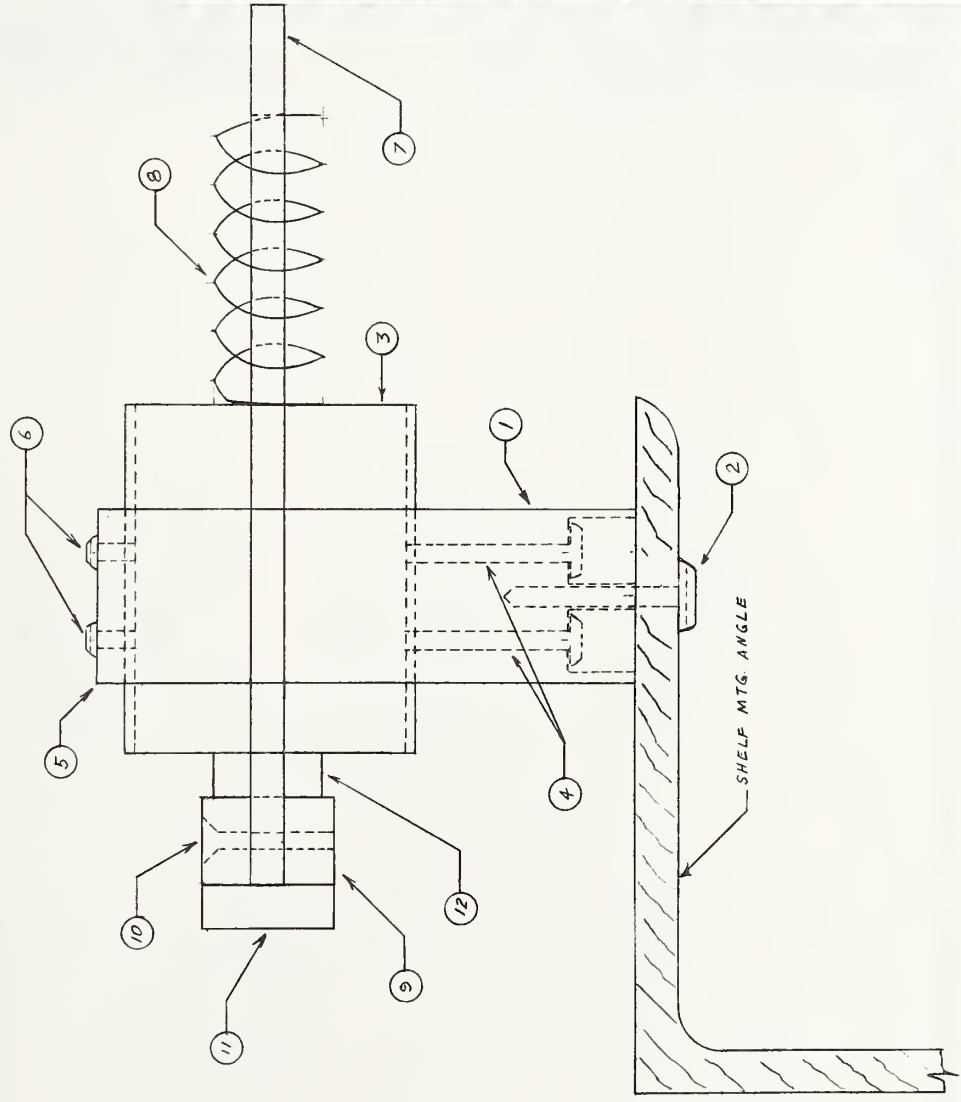
MAT'L: AL

FILE NO.	NOMENCLATURE	FIG. NO.	REV. NO.
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234		
SOLENOID MOUNTING BLOCK FOR DOCUMENT LABELER			
MODEL	TYPE	SCALE	F/S
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JR PARK	CHECKER	
DECIMALS ±.008	PROJECT ENGR JR PARK	PROJECT ENGR	
FRACTIONS ±.018	SUBMITTED BY		
ANGLES ±.5°	EXAMINED BY	CHIEF, SEC.	
DO NOT SCALE THIS PRINT	APPROVED BY	CHIEF ENGINEER	
DIV. SEC.	THIS PRINT ISSUED		
650			
.01			
			RPD-L-60

DWG NO 8.4.60
PART NO. 4123

ORIGINAL DATE OF DRAWING 2/14/74

REVISIONS		DATE
NO	CHANGE	
1		
2		
3		
4		



NO	DESCRIPTION	QTY
12	PLATEN RETURN BUMPER 5/8" OD RUBBER GROMMET PN 4140	1
11	PLATEN FACING 1 1/2" x 3/4" x 4 1/2"	1
10	SPONGE RUBBER PT. NO. 4115	1
9	10-32 x 3/4" F.H. MACH. SC. PT. NO. 4116	2
8	STAMP PLATEN PT. NO. 4114 DWG NO. L-56	1
7	PLATEN RETURN SPRING PT. NO. 4118 DWG NO. L-58	1
6	PLATEN DRIVE YOKE PT. NO. 4117 DWG NO. L-57	1
5	8-32 x 1/2" B.H. MACH. SC. PT. NO. 4120	4
4	STAMP SOL YOKE GUIDE PT. NO. 4119 DWG NO. L-59	1
3	8-32 x 1" B.H. MACH. SC. PT. NO. 4122	4
2	GUARDIAN SOLENOID 4-INT-120A STL. COIL PT. NO. 4121	1
1	10-32 x 3/4" B.H. MACH. SC. PT. NO. 4124	2
	SOLENOID MOUNTING BLOCK PT. NO. 4123 DWG L-60	1

NATIONAL BUREAU OF STANDARDS
WASHINGTON 25 D. C.

FOR STAMP ASSY

FOR DOCUMENT LABELER

MODEL TYPE SCALE 2 X

DIMENSIONS IN INCHES
(Unless otherwise specified)

TOLERANCES
(Unless otherwise specified)

DECIMALS ± .005
FRACTIONS ± .018
ANGLES ± .5°

DO NOT SCALE THIS PRINT

BY: SEC. PRINT ISSUED 650

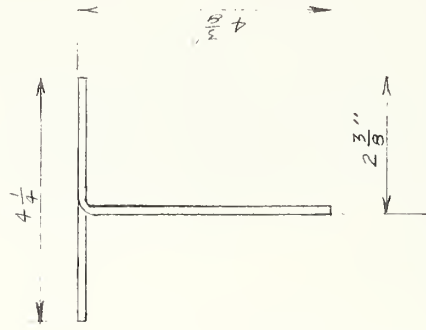
APPROVED BY: RPD-L-61

CHIEF ENGINEER

ORIGINAL DATE OF DRAWING 9/17/51

REVISIONS

NO	E C N	CHANGE	DATE
1		SLOTS MADE M.L.S	2/23/73
2		SLOTS MADE	5/23/71
3			
4			



MAT'L: 1/8" 5052 AL SHEET

PIECE NO. _____ NOMENCLATURE _____ NO. REV. _____

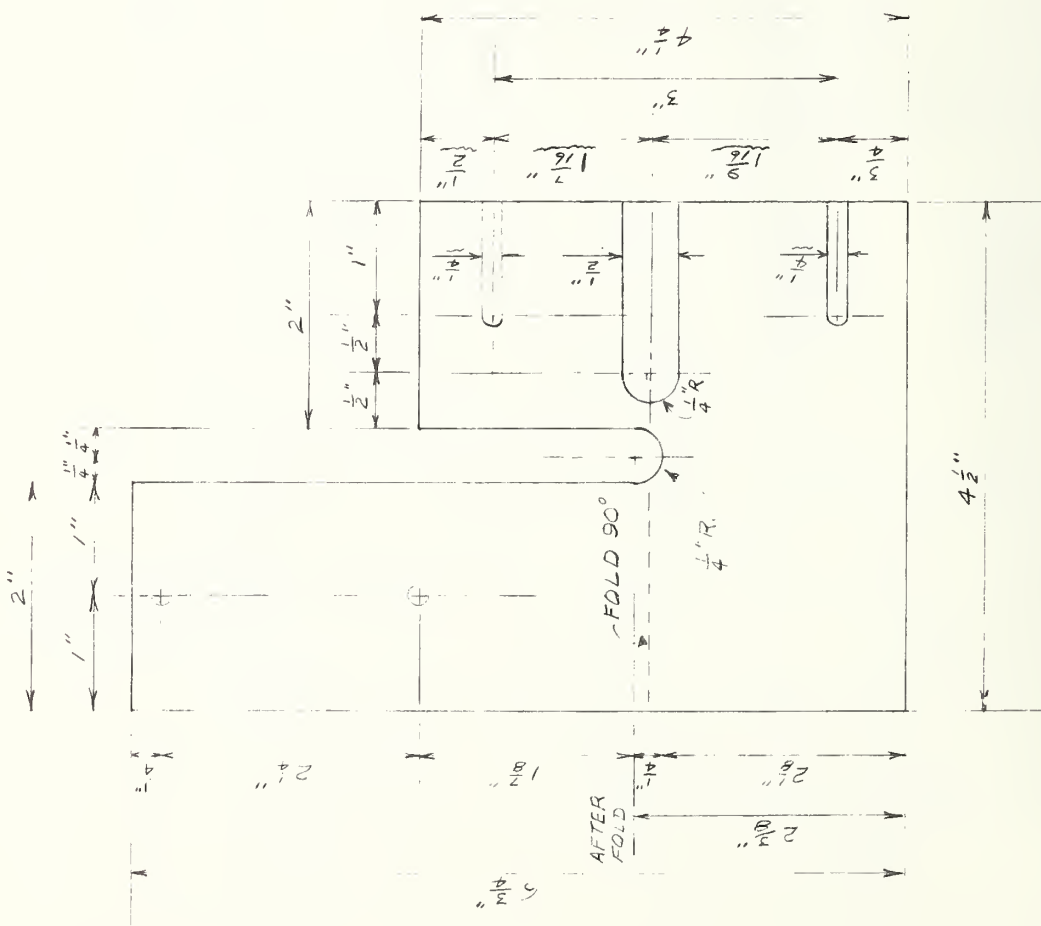
NATIONAL BUREAU OF STANDARDS
WASHINGTON, D. C. 20234

LABEL SHEAR MOUNTING BRACKET

FOR DOCUMENT LABELER

MODEL	TYPE	SCALE	F.S.
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN J.R. PARR	CHECKER	
TOLERANCES (Unless otherwise specified)	PROJECT ENGR. A.A. ERNST	PROJECT ENGR.	
DECIMALS ±.008	SUBMITTED BY	CHIEF SEC.	
FRACTIONS ±.018	EXAMINED BY	CHIEF ENGINEER	
ANGLES ±1/4°	APPROVED BY	CHIEF CIVIL	
DO NOT SCALE THIS PRINT			
DIV. SEC. 650	THIS PRINT ISSUED		
03			

DWG NO. 8.4.62
PART NO. 4125



ORIGINAL DATE OF DRAWING 9/21/72

REVISIONS

NO	E	C	N	CHANGE	DATE
1					
2					
3					
4					



4 HOLES - #18 DRILL.
CSK FOR R 8-32 F.H.
MACH. SC.



MATERIAL

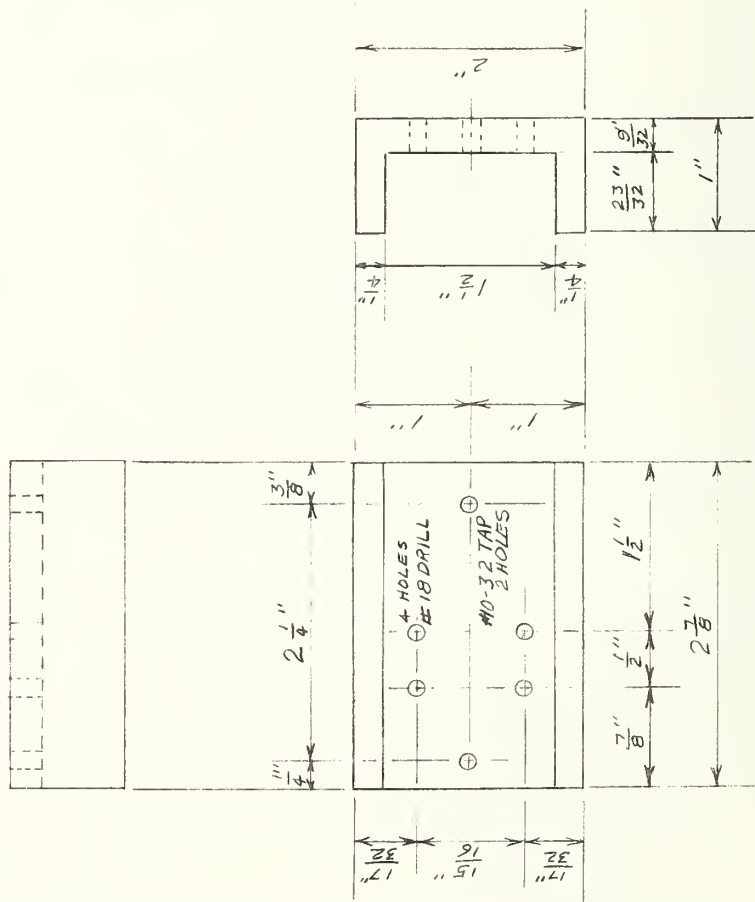
PIECE NO	NOMENCLATURE	NO. REV'D
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
SHEAR SOLENOID SUPPORT FOR DOCUMENT LABELER		
MODEL	TYPE	SCALE FS
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JR PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR M ERNST	PROJECT ENGR
DECIMALS ±.005	SUBMITTED BY	CHIEF, SEC.
FRACTIONS ±.015	EXAMINED BY	CHIEF ENGINEER
ANGLES ±.1°	DO NOT SCALE THIS PRINT	APPROVED BY
DIV. SEC. 650	THIS PRINT ISSUED	CHIEF, DIV.
03		
		RPD-L-63

DWG NO 8.4.63
PART NO 4127

ORIGINAL DATE OF DRAWING 9/17/73

REVISIONS

NO	E	C	N	CHANGE	DATE
1					
2					
3					
4					



MAT'L: AL

PIECE NO.	NOMENCLATURE	NO. RED'D
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
SHEAR YOKE GUIDE FOR DOCUMENT LABELER		
MODEL	TYPE	SCALE
	DRAWN BY JRP/PARK	CHECKER
	PROJECT ENGR AA ERNST	PROJECT ENGR
	SUBMITTED BY	
	EXAMINED BY	CHIEF, SEC.
	APPROVED BY	CHIEF ENGINEER
	PRINT ISSUED	CHIEF, DIV.
DIV. SEC. 850	THIS PRINT ISSUED	RPD-L-64
03		

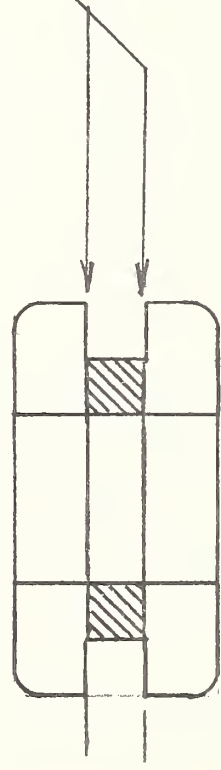
DWG NO 8.4.64
PART NO. 412B

ORIGINAL DATE OF DRAWING 2/7/74

REVISIONS

NO.	E. C. N.	CHANGE	DATE
1			
2			
3			
4			

CUT GROMMET AT THESE
TWO LINES. DISCARD
SHADED PORTION. MAKES
TWO STOPS.



MAT'L: 7/16" RUBBER GROMMET

PIECE NO.	NOMENCLATURE	NO. REQ'D
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NATIONAL BUREAU OF STANDARDS
WASHINGTON 25, D. C.

SHEAR SOLENOID PLUNGER STOP

FOR DOCUMENT LABELER

MODEL	TYPE	SCALE	5X
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN JRPARK	CHECKER	
TOLERANCES (Unless otherwise specified)	PROJECT ENGR. JRPARK	PROJECT ENGR.	
DECIMALS ±.005	SUBMITTED BY	CHIEF. SEC.	
FRACTIONS ±.015	EXAMINED BY	CHIEF ENGINEER	
ANGLES ±1/2°	DO NOT SCALE THIS PRINT	APPROVED BY	
DIV. SEC.	THIS PRINT ISSUED	CHIEF. DIV.	

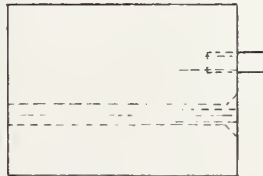
DWG NO 8.4.66
PART NO. 4134

RPD-L-66

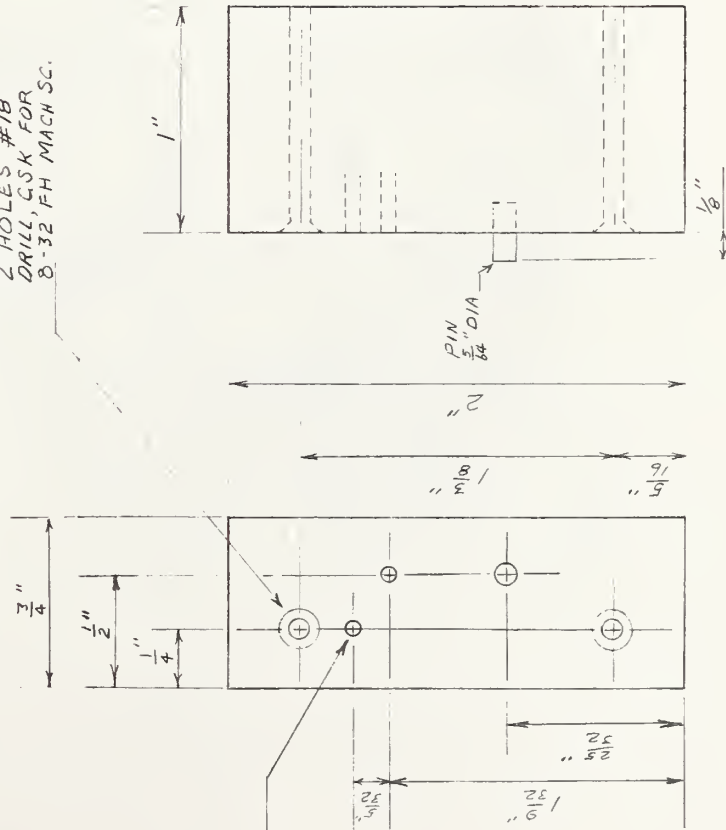
ORIGINAL DATE OF DRAWING 9/19/73

REVISIONS

NO	E	C	N	CHANGE	DATE
1				ADD TAPPED HOLES, PIN	10/12/73
2					
3					
4					



2 HOLES #18
DRILL, CSK FOR
8-32 FH MACH SC.



4-40 TAP, 2
HOLES 1/4
MIN. DEPTH

MAT'L: AL

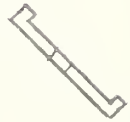
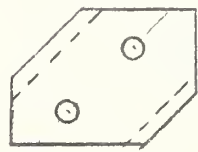
PIECE NO	NOMENCLATURE	NO. REV D
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
BLADE SUPPORT BLOCK		
FOR DOCUMENT LABELER		
MODEL	TYPE	SCALE
	DRAFTSMAN JR PARK	CHECKER
	PROJECT ENGR JR PARK	PROJECT ENGR
	SUBMITTED BY	
	EXAMINED BY	
	CHIEF, SEC.	
	CHIEF ENGINEER	
	APPROVED BY	
	CHIEF, DIV.	
DIV. SEC.	THIS PRINT ISSUED	
650		
01		
		RPD-L-67

DWG NO 8.4.67
PART NO. 4135

ORIGINAL DATE OF DRAWING 2/7/74

REVISIONS

NO.	E. C. N.	CHANGE	DATE
1			
2			
3			
4			



PIECE NO. _____ NOMENCLATURE _____ NO. REQ'D _____

NATIONAL BUREAU OF STANDARDS
WASHINGTON 25, D. C.

BLADE CLAMP

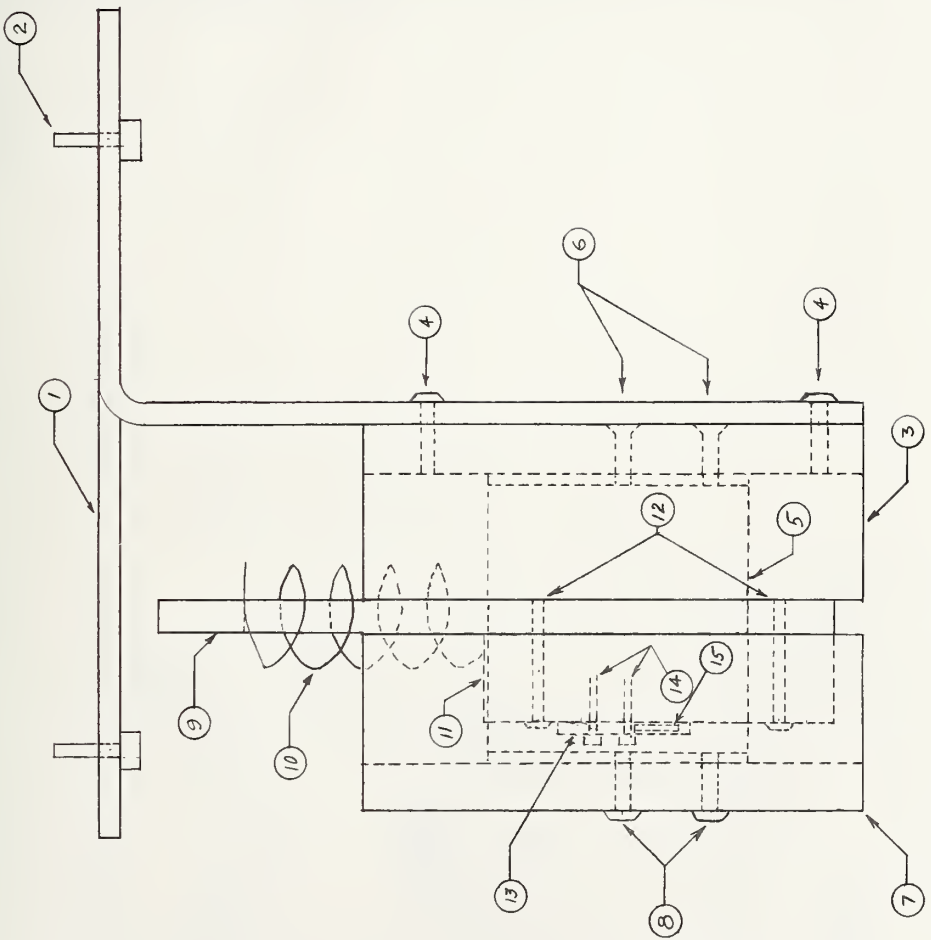
FOR DOCUMENT LABELER

MODEL	TYPE	SCALE $\approx 1X$
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN J.R. PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR. J.R. PARK	PROJECT ENGR.
DECIMALS $\pm .005$	SUBMITTED BY	CHIEF, SEC.
FRACTIONS $\pm .015$	EXAMINED BY	CHIEF ENGINEER
ANGLES $\pm \frac{1}{2}^\circ$	DO NOT SCALE THIS PRINT	APPROVED BY
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650		
01		

DWG NO 8.4.68
PART NO. 4137

RPD-L-68

REVISIONS		CHANGE	DATE
NO.	BY	DESCRIPTION	DATE
1			
2			
3			
4			



15	SINGLE-EDGED CARBON STEEL RAZOR BLADE FN 4140	1
14	4-40x1/4" ALLEN HD. CAP. SC. PT. NO. 4138	2
13	BLADE CLAMP PT. NO. 4137 DWG. NO. L-68	1
12	1/2" x 1/2" F.H. MACH. SC. PT. NO. 4136	2
11	BLADE SUPPORT BLOCK PT. NO. 4135 DWG. NO. L-67	1
10	SHEAR RETURN SPRING PT. NO. 4133 DWG. NO. L-58	1
9	LABEL SHEAR YOKE PT. NO. 4131 DWG. NO. L-65	1
8	8-32 x 3/8" B.H. MACH. SC. PT. NO. 4132	4
7	SHEAR YOKE GUIDE PT. NO. 4128 DWG. NO. L-64	1
6	8-32 x 3/8" F. H. MACH. SC. PT. NO. 4130	4
5	SHEAR SOL. GUARDIAN TYPE 2-I-120 AC. 60C. PT. NO. 4139	1
4	10-32 x 3/8" B. H. MACH. SC. PT. NO. 4129	2
3	SHEAR SOLENOID SUPPORT PT. NO. 4127 DWG. NO. L-63	1
2	1/2-28 x 1/2" ALLEN HD. CAP. SC. PT. NO. 4126	2
1	LABEL SHEAR MFG. BRACKET PT. NO. 4125 DWG. NO. L-62	1

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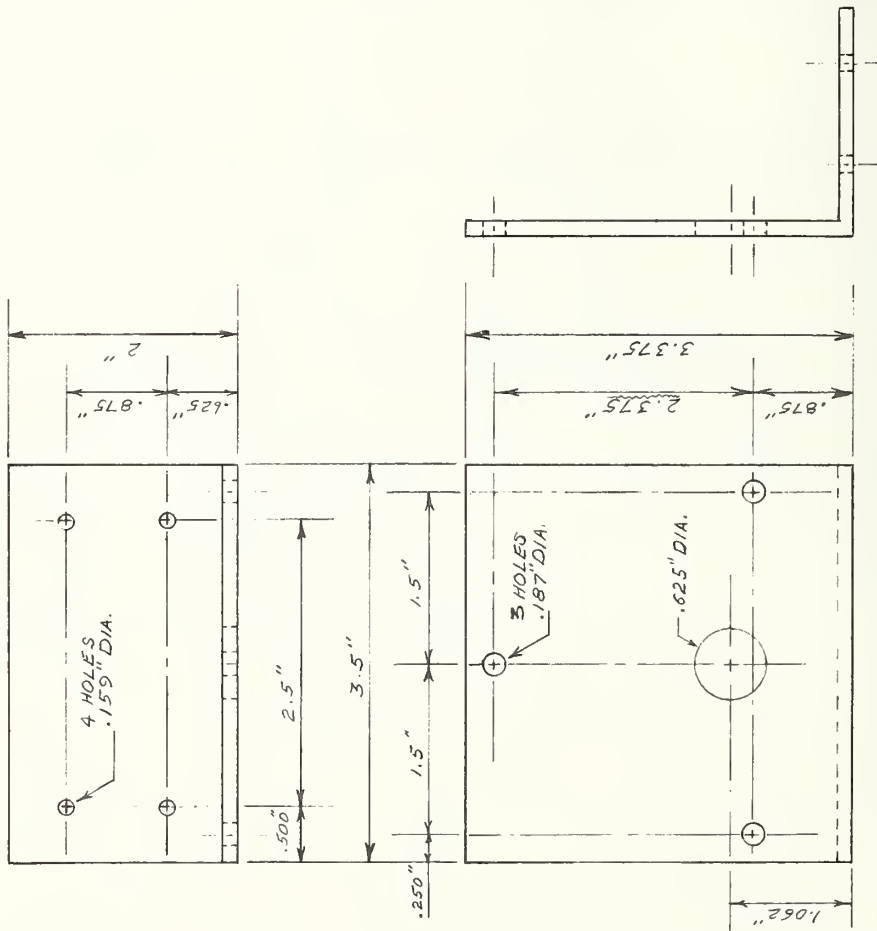
MODEL	TYPE	SCALE
	DRAYBMAN	2 X
	JR PARK	CHECKER
	PROJECT ENGR	PROJECT ENGR
	SUBMITTED BY	CHIEF ESC
	EXAMINED BY	CHIEF ENGINEER
	APPROVED BY	CHIEF DIV.

THIS PRINT ISSUED 650 01

RPD - L - 69

ORIGINAL DATE OF DRAWING 11/28/73

REVISIONS		
NO	E C N	DATE
1	CHANGE	
2		
3		
4		



MAT'L: 1/8" AL

PIECE NO.	NOMENCLATURE	NO. REC'D
	NATIONAL BUREAU OF STANDARDS WASHINGTON, D. C. 20234	
BELT DRIVE MOTOR MOUNT FOR DOCUMENT LABELER		
MODEL	TYPE	SCALE FS
DIMENSIONS IN INCHES (Unless otherwise specified)	DRAFTSMAN J.R. PARK	CHECKER
TOLERANCES (Unless otherwise specified)	PROJECT ENGR J.R. PARK	PROJECT ENGR
DECIMALS ±.008	SUBMITTED BY	
FRACTIONS ±.018	EXAMINED BY	CHIEF, BFC.
ANGLES ±.4°	APPROVED BY	CHIEF ENGINEER
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DIV. SEC. 650	03	RPD-L-71

DWG NO 8.4.71
PART NO. 4019
SUPERSEDES RPD-L-70

