

8A1 AND 8B1 DATA SELECTIVE CALLING

STATION SETS

WIRING DIAGRAMS

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1. GENERAL

1.01 This section is reissued to provide the latest actual wiring diagrams, circuit cards, detached contact schematics, and wiring lists for the 8A1 or 8B1 station sets. Since this is a general revision marginal arrows ordinarily used to indicate changes and additions are omitted.

1.02 The electrical components installed on the 8A1 or 8B1 Data Selective Calling Teletypewriter Sets are illustrated in the attached Actual Wiring Diagrams (AWD). Each component shows the origin, termination, and color coding of the various leads. Notes are included on each diagram to explain the symbols and point out special conditions to be observed.

1.03 Point to point wiring is given in the Wiring Lists (WL). This type of diagram is a variation of an actual wiring diagram; it

provides a running list of wires forming the wiring harness between components. Electrical components, where given, are provided for identification purposes.

1.04 The Circuit Card (CC) drawings are composite actual and schematic wiring diagrams. The electrical components are fully explained on each drawing.

1.05 The Detached Contact Schematic (DCS) diagrams illustrate the individual electrical circuits which make up the teletypewriter sets. Only active elements of each electrical component are presented in the detached contact schematics. The component and connector symbols are summarized in the associated circuit notes. The special circuit variations or options applying to specific applications and conditions are denoted by encircled letters; the symbols are defined in the circuit notes.

1.06 A listing of the station set drawings is presented in the diagram index. Each diagram carries an individual change letter or issue number to designate the current issue. The number 1 in the listing designates an original or unrevised issue.

2. DIAGRAM INDEX

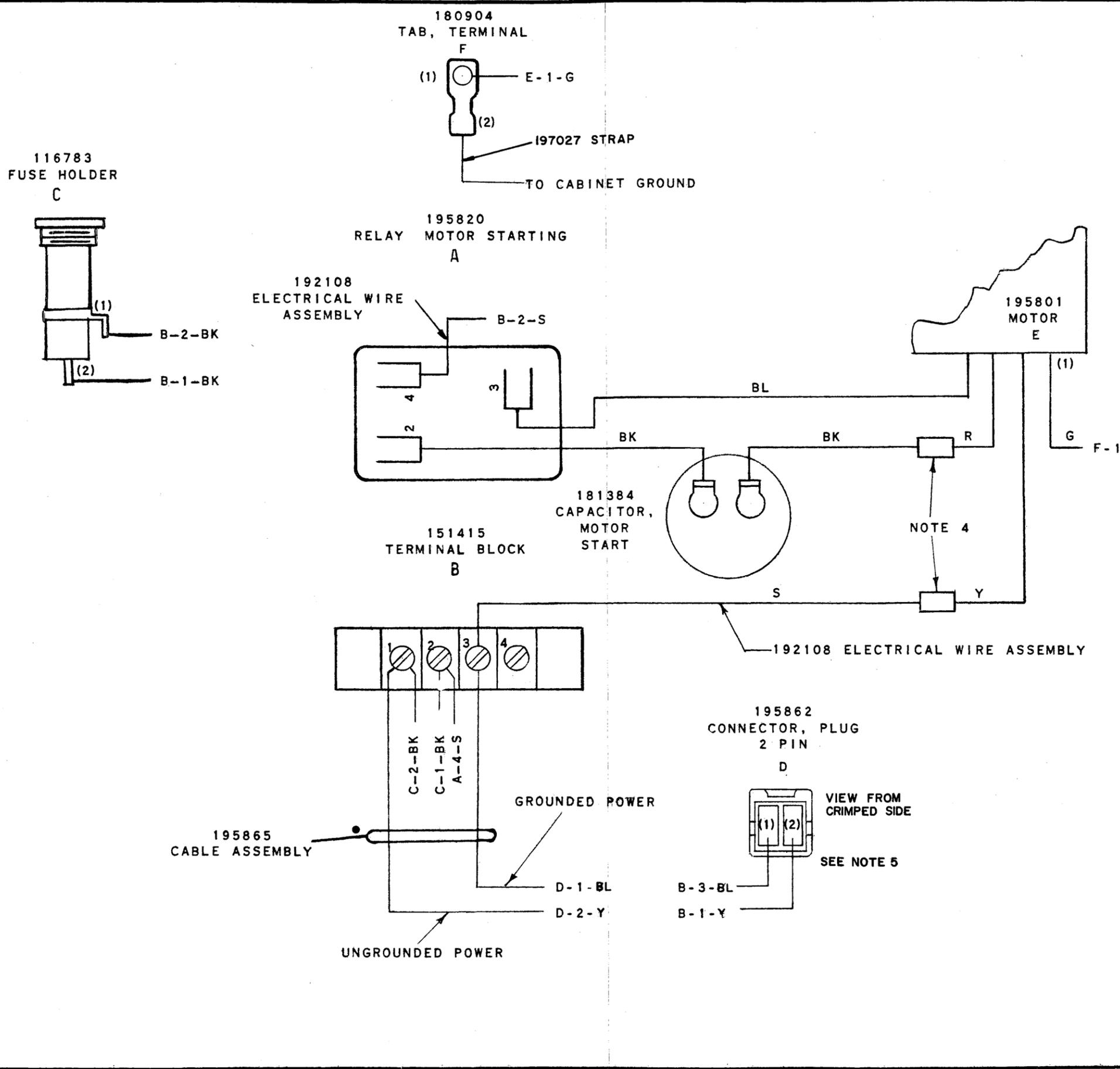
SUBJECT	DRAWING NUMBER	TYPE*	SECTION ISSUE				
			1	2	3	4	5
Tape Reader (Transmitter) Base	4348WD	AWD	D	6			
Tape Reader (Transmitter Distributor)	5814WD	AWD	10	12			
RO Base	5857WD	AWD	7	7			
Selector Magnet Driver	5983WD	AWD	4	4			
Typing Tape Punch (Reperforator)	5984WD	AWD	8	9			
KSR Keyboard	6362WD	AWD	B	4			
Power Panel Assemblies	6380WD	AWD	B	3			
ASR Keyboard	6395WD	AWD	7	8			
Panel Assembly Wiring List	6470WD-W1	WL	1	2			
Panel Assembly Wiring List	6470WD-W2	WL	1	2			
ASR, KSR, & RO Detached Contact Schematic	6471WD-B1	DCS	1	4			
ASR, KSR, & RO Detached Contact Schematic	6471WD-B2	DCS	6	10			
ASR, KSR, & RO Detached Contact Schematic	6471WD-B3	DCS	5	9			
ASR, KSR, & RO Detached Contact Schematic	6471WD-B4	DCS	2	4			
ASR, KSR, & RO Detached Contact Schematic	6471WD-B5	DCS	5	6			
ASR Detached Contact Schematic	6471WD-B6	DCS	1	2			
KSR & RO Detached Contact Schematic	6471WD-B7	DCS	2	4			
ASR Detached Contact Schematic	6471WD-B8	DCS	2	5			
KSR & RO Detached Contact Schematic	6471WD-B9	DCS	2	4			
Detached Contact Schematic Circuit Notes	6471WD-B10	DCS	4	8			
Station Controller Wiring List	6471WD-W1	WL	2	6			
Station Controller Wiring List	6471WD-W2	WL	4	9			
Station Controller Wiring List	6471WD-W3	WL	5	7			
Station Controller Wiring List	6471WD-W4	WL	2	4			
Answer-Back Assembly	6472WD	AWD	1	3			
Typing Unit	6474WD	AWD	1	4			
ASR Mode Switch	6903WD	AWD	1	3			
ASR Electrical Service Unit (3 sheets)	6935WD	AWD	4	6			
KSR & RO Electrical Service Unit (Sheet 1 of 3)	6936WD	AWD	6	9			
KSR & RO Electrical Service Unit (Sheet 2 of 3)	6936WD	AWD	6	8			
KSR & RO Electrical Service Unit (Sheet 2 of 3)	6936WD	AWD	6	8			
Station Controller Circuit Card M	198403	CC	2	4			
Station Controller Circuit Card D (2 sheets)	198446	CC	5	7			
Station Controller Circuit Card L (2 sheets)	198447	CC	4	9			
Station Controller Circuit Card A (2 sheets)	198448	CC	3	6			
Station Controller Circuit Card Z (2 sheets)	198490	CC	2	4			
Station Controller Circuit Card B (2 sheets)	308424	CC	-	4			

*AWD - Actual Wiring Diagram
DSC - Detached Contact Schematic

CC - Circuit Card
WL - Wiring List

4348 WD		
ISSUE	DATE	AUTH. NO.
2	1-6-64	73849
3	1-24-64	77439
4	2-11-64	80148
5	5-14-64	81544
6	8-26-65	81540-3

NO	NOTES
1.	COLOR CODE BK - BLACK R - RED Y - YELLOW G - GREEN BL - BLUE S - SLATE
2.	WIRING LEGEND - Distant Terminal Area - Distant Terminal Designation MHG-3-W-BL - Wire Color Code
3.	TERMINALS DESIGNATED IN PARENTHESIS ARE NOT MARKED ON COMPONENTS.
4.	QUICK CONNECT TERMINAL CONNECTIONS. COVER WITH 2-1/2 INCH LENGTH OF 60358 RM VINYL TUBING.
5.	EARLY UNITS DO NOT CONTAIN THE 195862 CONNECTOR.
6.	USE 115 ± 10% V 60 ± 1/2 C POWER ONLY



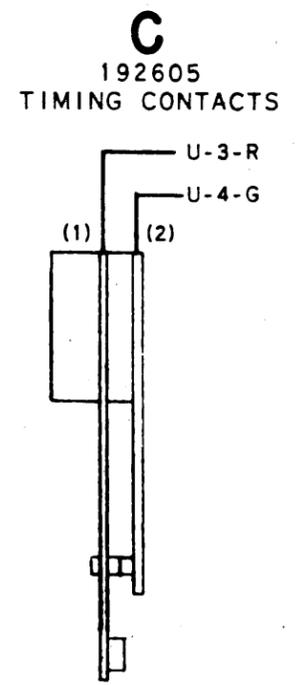
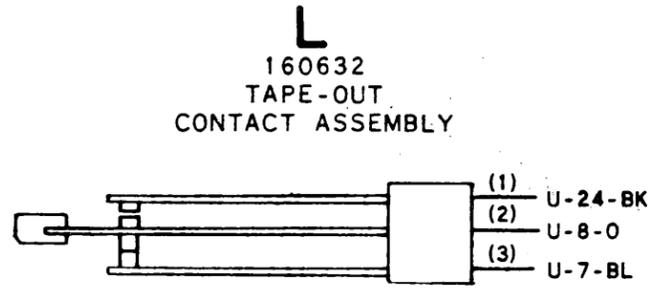
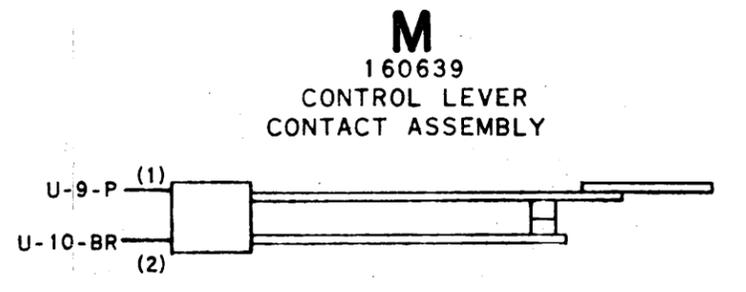
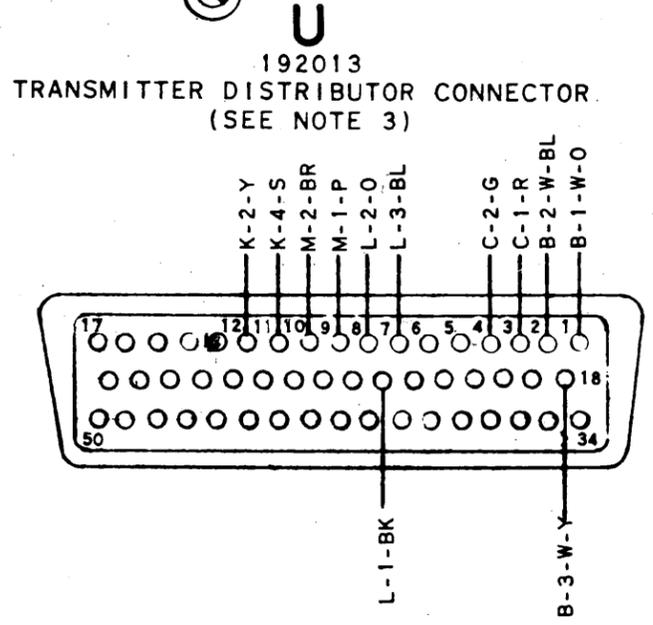
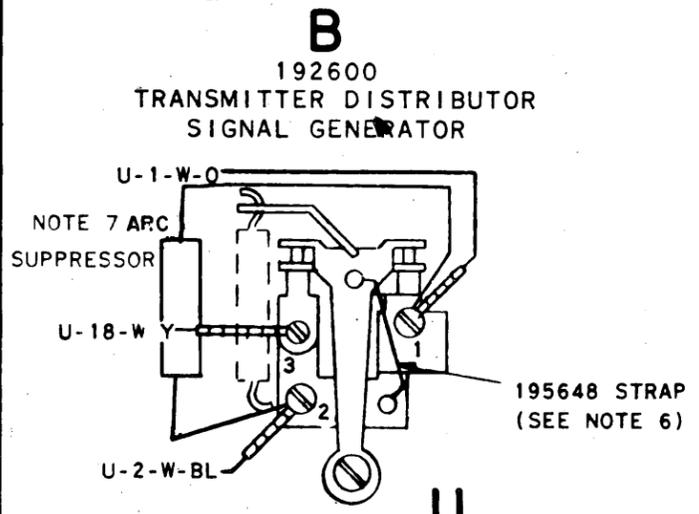
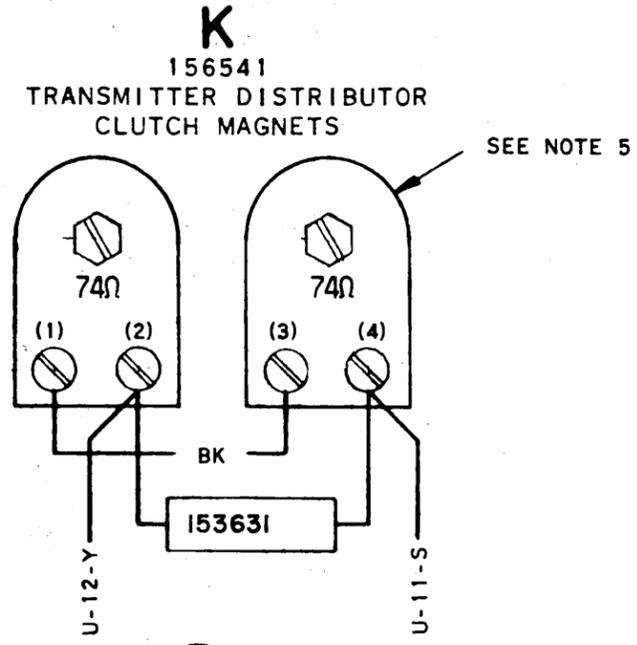
ACTUAL WIRING DIAGRAM FOR LCXB803, 804, 805, 806, 808 TRANSMITTER BASE	
APPROVALS	
D AND R <i>[Signature]</i>	E OF M <i>[Signature]</i>
E-NUMBER	
PROD. NO.	
DATE: 5-1-63	
P.D. FILE NO. 1-64-151,219A	
DRAWN.	CHKD.
ENG. G.E.W.	APPD.
TELETYPE CORPORATION	
4348WD	

- NO. NOTES
- WIRING LEGEND:

A-1-W-BL

WIRE COLOR CODE
 - COLOR CODE:

BK - BLACK	W-BK - WHITE-BLACK
BR - BROWN	W-BR - WHITE-BROWN
R - RED	W-R - WHITE-RED
O - ORANGE	W-O - WHITE-ORANGE
Y - YELLOW	W-Y - WHITE-YELLOW
G - GREEN	W-G - WHITE-GREEN
BL - BLUE	W-BL - WHITE-BLUE
P - PURPLE	W-P - WHITE-PURPLE
W - WHITE	W-S - WHITE-SLATE
S - SLATE	
 - CONNECTOR VIEWED FROM BOTTOM.
 - ALL CONTACTS SHOWN IN UNOPERATED POSITION.
 - 48V. DC \pm 10% POWER TO BE USED ON CLUTCH TRIP MAGNET ASSEMBLY CIRCUIT WITH AN EXTERNAL 500 OHM RESISTOR.
 - THE 195648 STRAP IS NOT PRESENT IN EARLY MANUFACTURED UNITS.
 - 154166 ARC SUPPRESSOR ON LXD 804 ONLY. DISCONNECT ONE ARC SUPPRESSOR LEAD WHEN STROBING SIGNAL GENERATOR.



5814 WD

REVISIONS		
ISSUE	DATE	AUTH. NO.
42	6-15-62	73747
43	7-5-62	73985
44	9-10-62	74459
45	1-10-63	75390
46	2-12-63	75851
47	3-5-63	75883
48	3-13-63	76027
9	6-1-64	82547
10	11-2-64	84468
11	8-18-65	87498
12	9-10-65	87498-2

ACTUAL
WIRING DIAGRAM
FOR MODEL 35
TRANSMITTER
DISTRIBUTOR
LXD803
LXD804
LXD 805

APPROVALS	
D AND R	E OF M
<i>[Signature]</i>	<i>[Signature]</i>
E-NUMBER	
PROD. NO. 5814WD	
DATE: 3-29-62	
P.D. FILE NO. 1-58.151	
DRAWN V.E.S.	CHKD.
ENGD. J.V.P.	APPD.

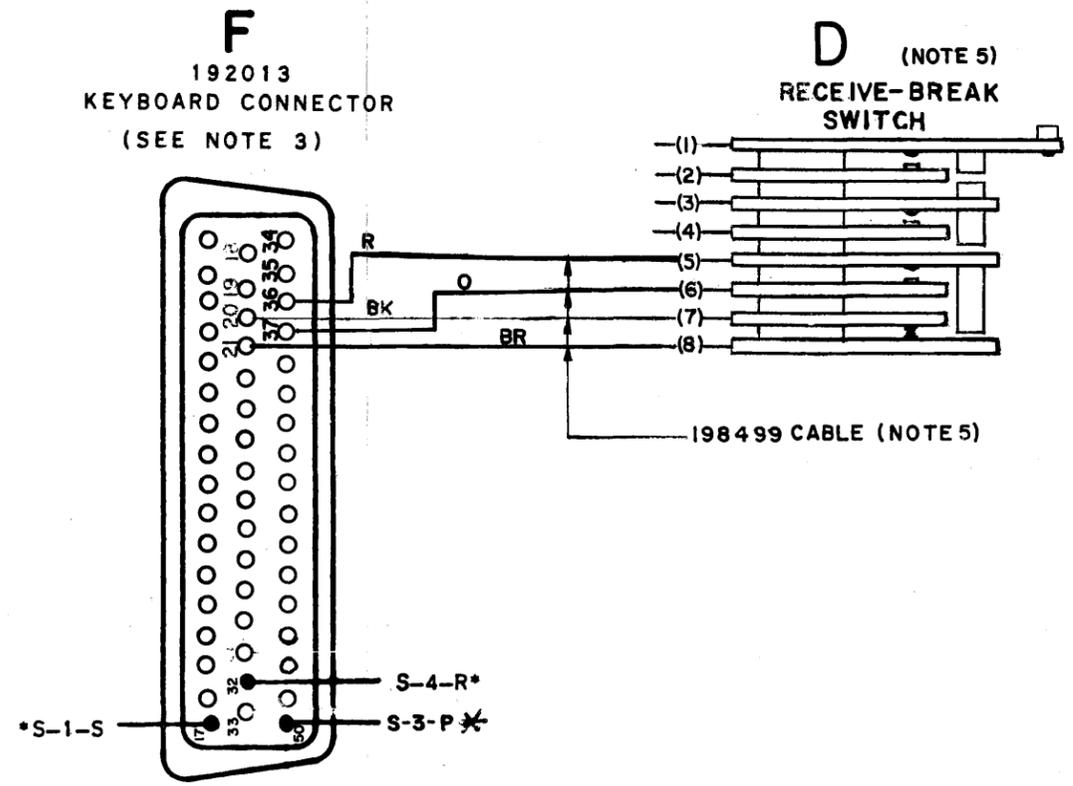
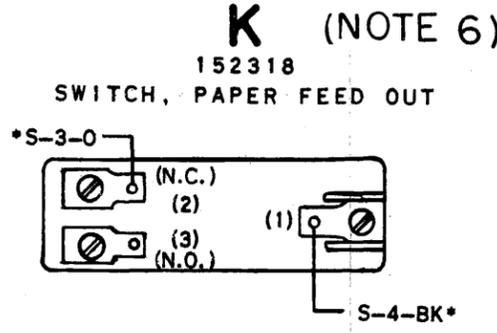
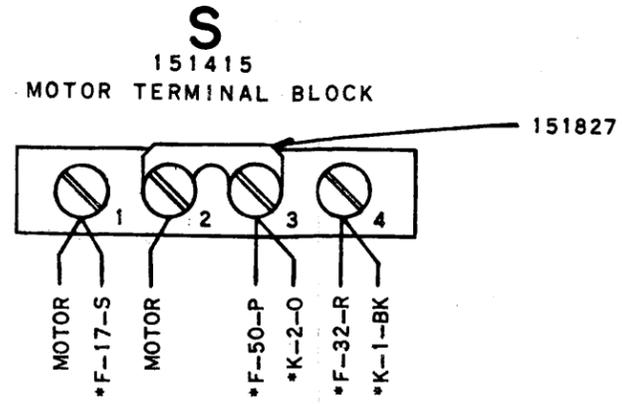
TELETYPE CORPORATION
5814 WD

- NO. NOTES
1. WIRING LEGEND:
 - DISTANT TERMINATING AREA
 - DISTANT TERMINAL DESIGNATION
 - A-1-W-BL
 - WIRE COLOR CODE
 2. COLOR CODE:
 - BK-BLACK
 - R-RED
 - P-PURPLE
 - S-SLATE
 - O-ORANGE
 3. CONNECTOR VIEWED FROM BOTTOM.
 4. * ASTERISK DENOTES #18 GA. WIRE.
 5. THE RECEIVE-BREAK SWITCH AND 198499 CABLE ARE PART OF LB802.
 6. THE PAPER FEED-OUT SWITCH IS NOT A PART OF LB802

5857 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
A2	9-18-62	74559
B3	11-7-62	75035
C4	12-17-63	79279
D5	1-21-64	79301
E6	4-6-64	80159
F7	7-2-64	80159-1



ACTUAL
WIRING DIAGRAM
FOR MODEL 35
BASE
LB800, LB801,
LB802

APPROVALS

D AND R
E OF M
File: HJK

E-NUMBER
PROD. NO. 5857WD

DATE: 5-18-
P.D. FILE NO. .151AA

DRAWN. V.E.S. CHKD. E.H.
ENGD. W.M.B. APPD. E.H.

TELETYPE
CORPORATION
5857 WD

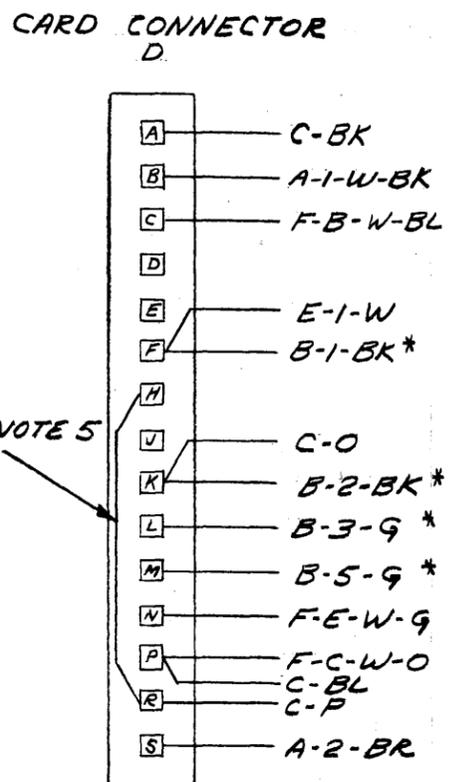
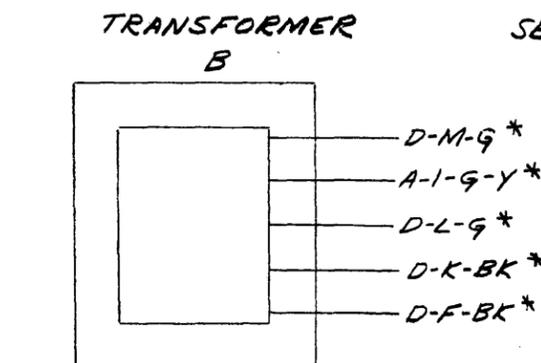
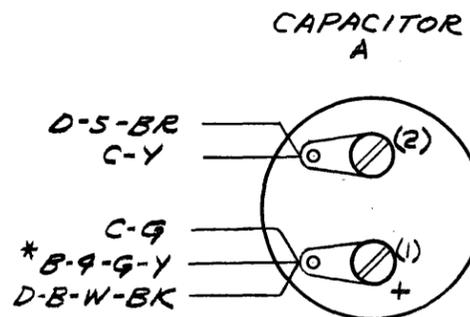
5983WD

REVISIONS

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3	5-21-64	81761
4	9-4-64	82600

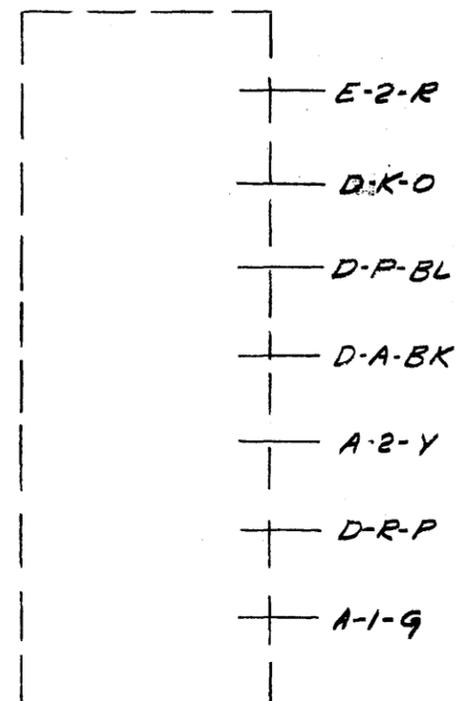
NOTES

- COLOR CODES
BK-BLACK G-GREEN
R-RED BL-BLUE
O-ORANGE P-PURPLE
Y-YELLOW W-WHITE
W-O-WHITE-ORANGE
W-G-WHITE-GREEN
W-BL-WHITE-BLUE
G-Y-GREEN-YELLOW
BR-Y-BROWN-YELLOW
- WIRING LEGEND
DISTANT TERMINATING AREA
DISTANT TERMINATING DESIGNATION
D-L-W-BL
WIRE COLOR CODE
- ALL COMPONENTS VIEWED FROM THE SOLDERED SIDE
- FOR ASSOCIATED W.D.'S SEE 182630 (20MA) 182631 (60MA)
- SIGNAL INPUT IMPEDANCE IS 30 OHMS, FOR 680 OHM RESISTANCE REMOVE 113492 STRAP
- * INDICATES 18 GA WIRE

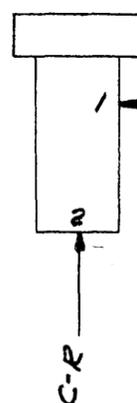


SEE NOTE 5

LESU WIRING FIELD C



FUSE HOLDER E



TRANSISTOR F

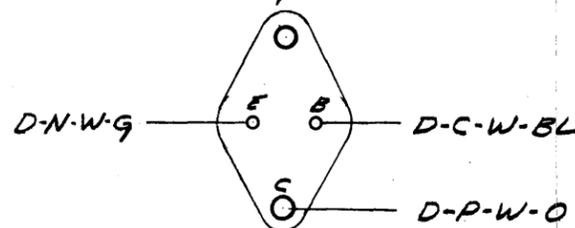


TABLE I

117 V AC 60 CYCLE	117 V AC 50 TO 60 CYCLE
193485 20MA 197053	305675 20MA

ACTUAL WIRING DIAGRAM OF 500MA CONSTANT CURRENT SELECTOR MAGNET DRIVER FOR M35 SETS

(SEE TABLE I)

APPROVALS

D AND R E OF M
[Signatures]

E-NUMBER

PROD. NO. 5983WD

DATE: 11-10-62

P.D. FILE NO. 1-159.157AA

DRAWN P.S.D. CHKD. J.E.M.

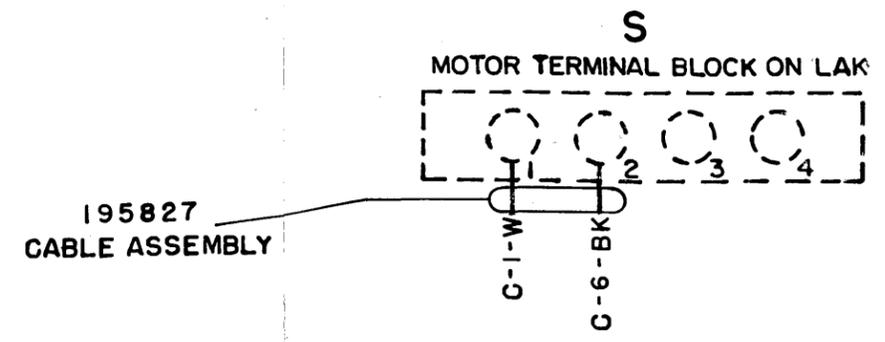
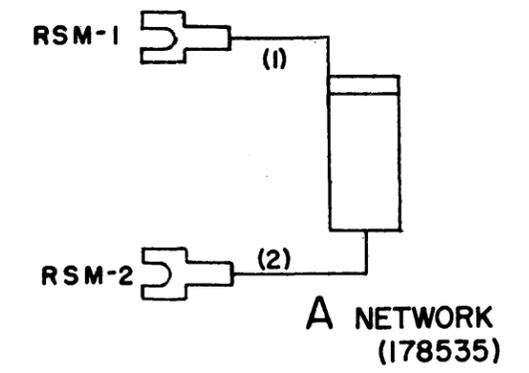
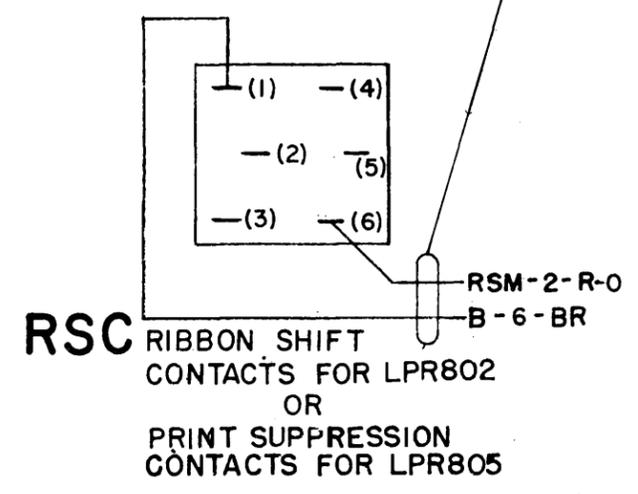
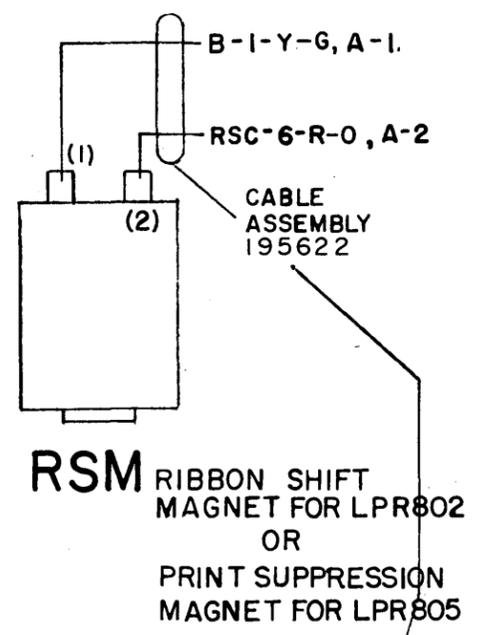
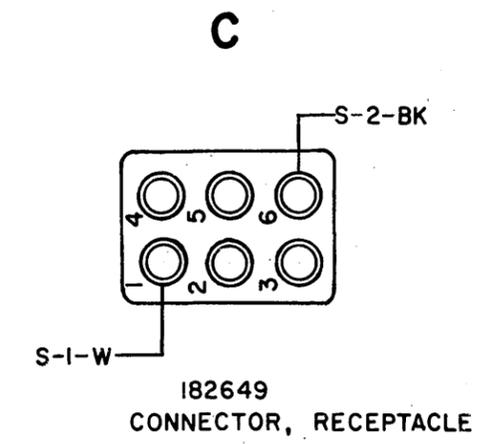
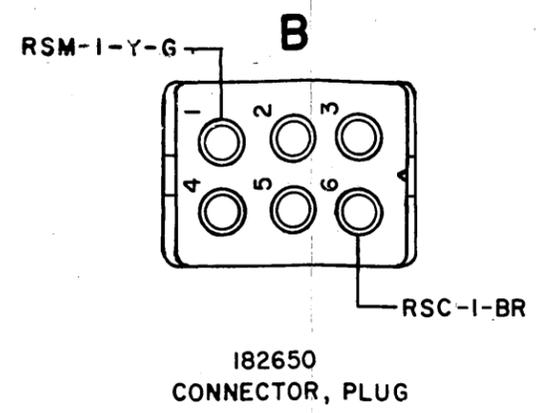
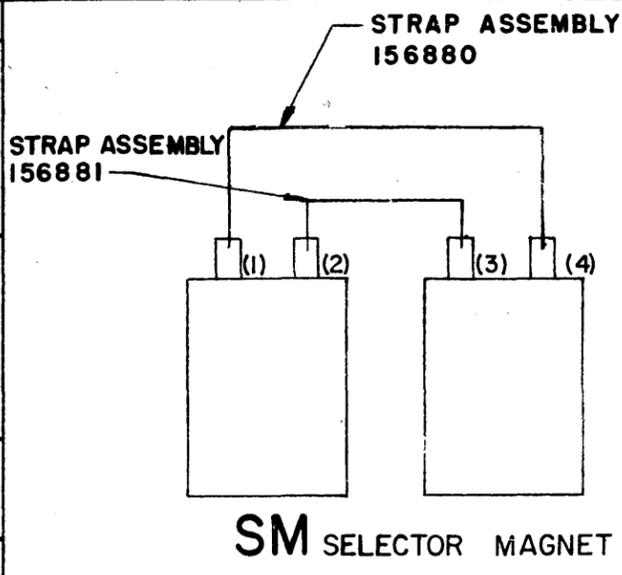
ENGD. J.G.M. APPD. B.G.G.

TELETYPE CORPORATION

5983WD

ISSUE	DATE	AUTH. NO.
2	1-9-63	75477
3	3-29-63	75510
4	5-6-63	75522
5	5-6-63	76475
6	3-2-64	79697
7	3-23-64	81107
8	6-25-64	82531
9	2-25-65	85294

- NO** **NOTES**
- COLOR CODE**
 BK BLACK G GREEN
 BR BROWN BL BLUE
 R RED P PURPLE
 O ORANGE S SLATE
 Y YELLOW W WHITE
 - WIRING LEGEND**
 DISTANT TERMINAL AREA
 DISTANT TERMINAL DESIGNATION
 MHC - 3 - W - BL
 WIRE COLOR CODE
 - TERMINALS DESIGNATED IN PARENTHESES ARE NOT MARKED ON COMPONENTS**
 - ASSOCIATED LAK 803 BASE WIRING DIAGRAM - 5811 WD.**
 - ASSOCIATED LAK 806, 810 BASE WIRING DIAGRAM - 6395 WD**



APPROVALS

D AND R	E OF M
<i>[Signature]</i>	<i>[Signature]</i>

E. NUMBER

PROD. NO. 5984WD

ACTUAL WIRING DIAGRAM MODEL 35

LPR 802
 LPR 805
 LPR 807

DATE: 11-16-62

P.D. FILE NO. 1-49.151AA

DRAWN J.V.H. CHKD

ENGD. J.V.H. APPD.

TELETYPE CORPORATION

5984 WD

6362 WD

ISSUE	DATE	AUTH. NO.
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3	2-6-64	79312
4	6-24-65	87329

NO. NOTES

1. WIRING LEGEND

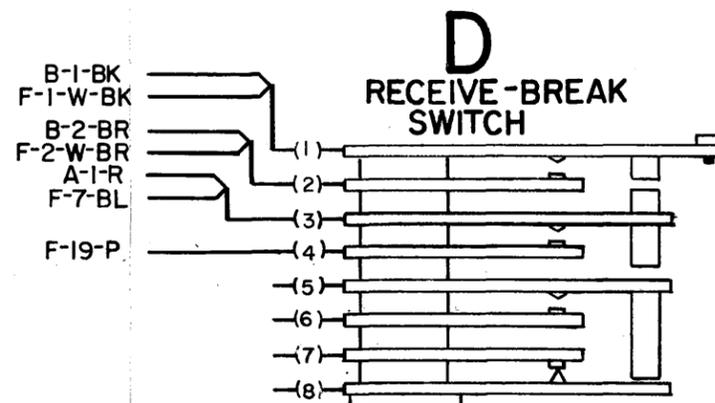
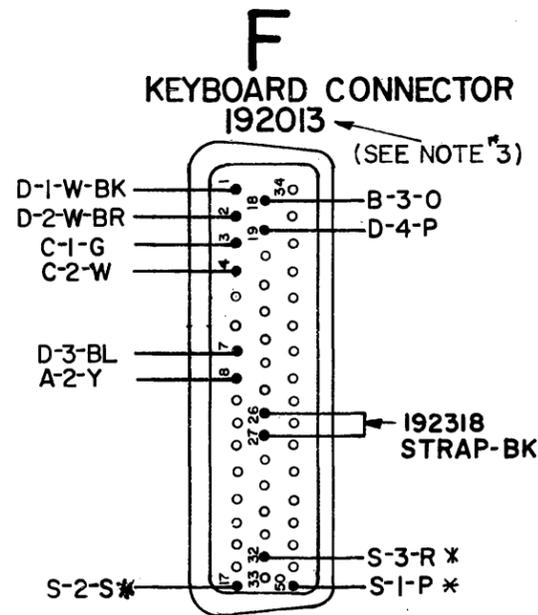
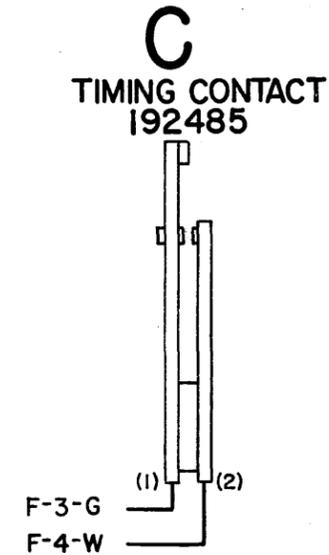
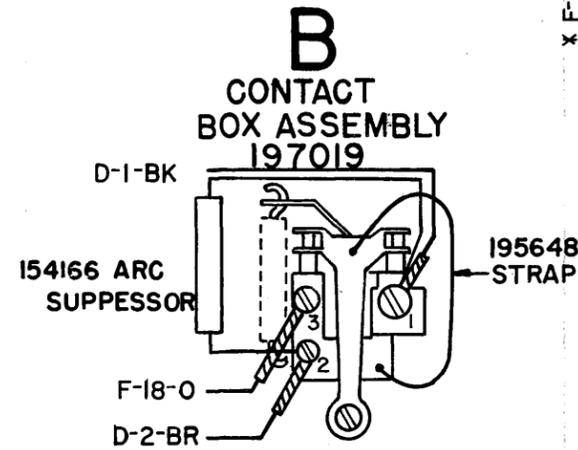
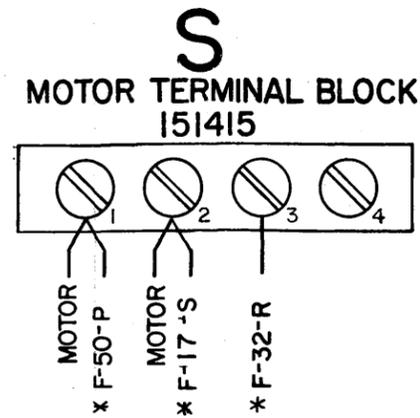
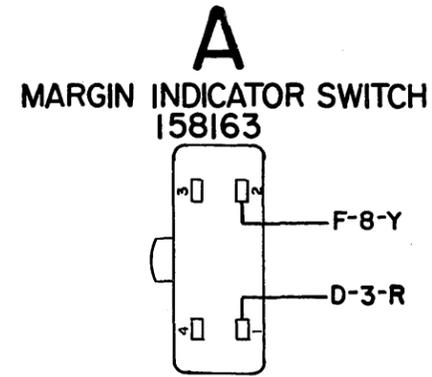
DISTANT TERMINATING AREA
 DISTANT TERMINAL DESIGNATION
 A-I-W-BL
 WIRE COLOR CODE

2. COLOR CODE

BK - BLACK	W-BK - WHITE-BLACK
BR - BROWN	W-BR - WHITE-BROWN
R - RED	W-R - WHITE-RED
O - ORANGE	W-O - WHITE-ORANGE
Y - YELLOW	W-Y - WHITE-YELLOW
G - GREEN	W-G - WHITE-GREEN
BL - BLUE	W-BL - WHITE-BLUE
P - PURPLE	W-P - WHITE-PURPLE
W - WHITE	W-S - WHITE-SLATE
S - SLATE	

3. CONNECTOR VIEWED FROM BOTTOM.

4. * ASTERISK DENOTES #18 GA. WIRE



ACTUAL WIRING DIAGRAM FOR MODEL 35 KEYBOARD LK 804

APPROVALS

D AND R	E OF M
<i>[Signature]</i>	<i>[Signature]</i>

E-NUMBER

PROD. NO. 6362 WD

DATE: 3-5-63

P.D. FILE NO. 1-18.151AA

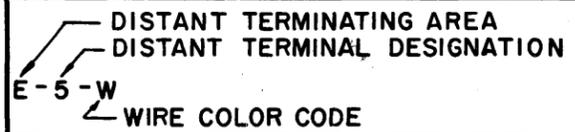
DRAWN. G.R.S	CHKD. <i>[Signature]</i>
ENGD. W.M.B.	APPD. <i>[Signature]</i>

TELETYPE CORPORATION

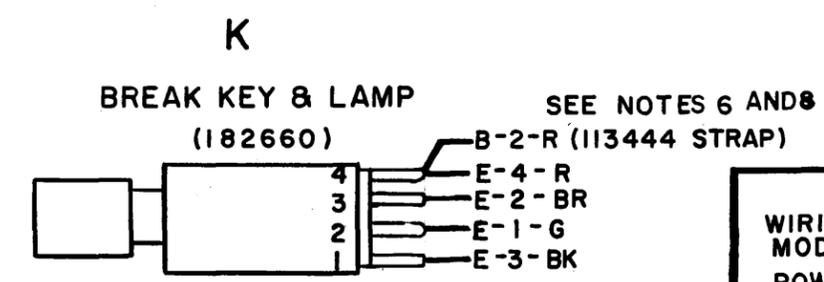
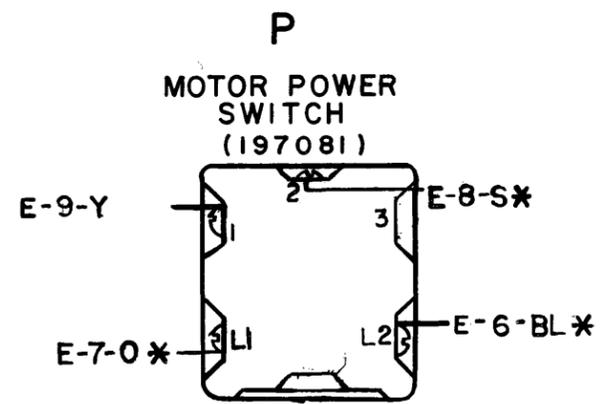
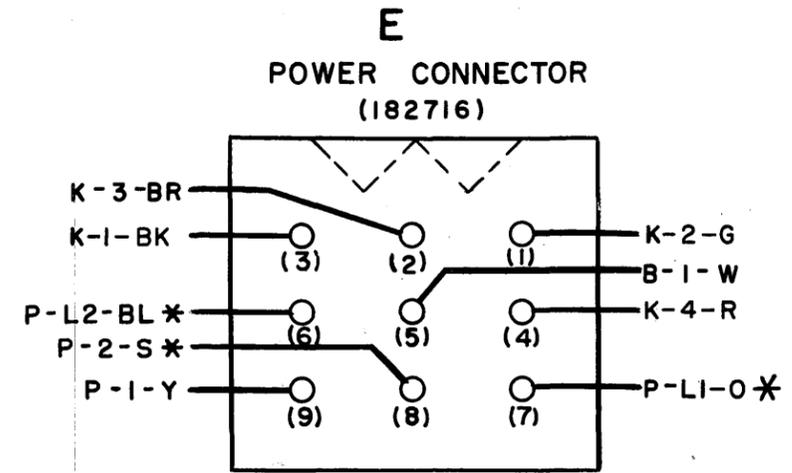
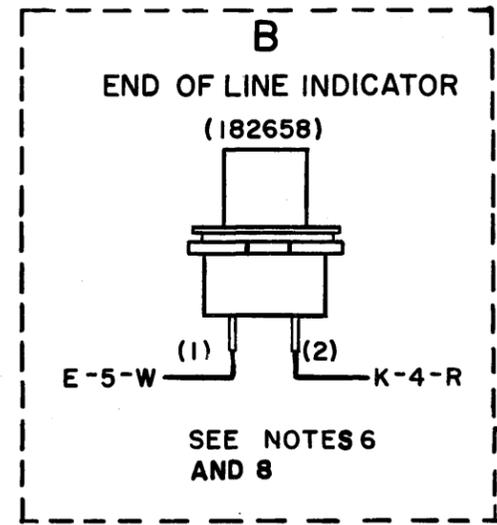
6362 WD

6380 WD

ISSUE	DATE	AUTH. NO.
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B	5-8-64	81828
3	4-6-65	86670

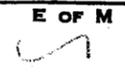
- NOTES**
1. 
 2. **COLOR CODE**

W WHITE	BL BLUE
BK BLACK	BR BROWN
O ORANGE	P PURPLE
Y YELLOW	S SLATE
G GREEN	R RED
 3. * ASTERISK INDICATES 18GA. WIRE.
 4. CONNECTORS AND SWITCHES ARE VIEWED FROM TERMINAL END.
 5. ASSOCIATED CABLE-197055
 6. THE 195941 FOR RECEIVE ONLY SETS DOES NOT CONTAIN THE END OF LINE INDICATOR, THEREFORE, WIRING DOES NOT APPLY. TAPE THE E-5-W WIRE TO BODY OF CABLE.
 7. NUMBERS IN PARENTHESIS ARE NOT SHOWN ON PART, BUT ARE USED FOR REFERENCE ONLY.
 8. 199327 AND 199328 ARE USED IN NEW STYLE SETS WITH END OF LINE INDICATOR ON UPPER COVER. THEREFORE WIRING DOES NOT APPLY. TAPE THE E-5-W WIRE TO BODY OF CABLE.



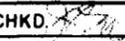
ACTUAL WIRING DIAGRAM
MODEL 35
POWER PANEL ASSEMBLIES
195938, 195941
198204, 199327, -28

APPROVALS

D AND R	E OF M
	

E-NUMBER
PROD. NO. 6380WD

DATE: 4-24-63
P.D. FILE NO. 2-A151.219A

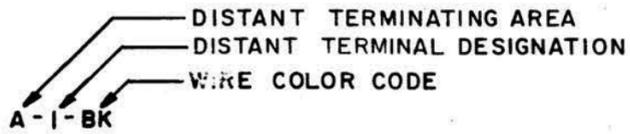
DRAWN. RW.D.	CHKD. 
ENGD. W.E.C.	APPD.

TELETYPE CORPORATION

6380 WD

NO NOTES

1 WIRING LEGEND



2. CONNECTOR VIEWED FROM BOTTOM.

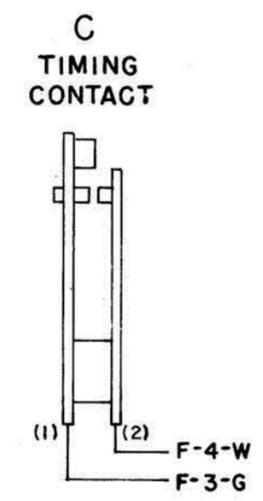
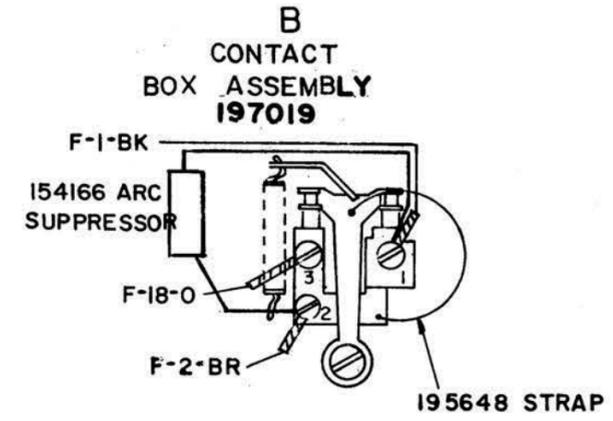
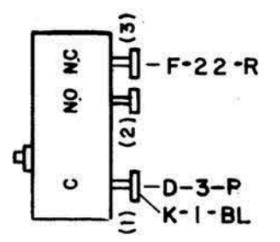
3. * ASTERISK DENOTES 18 GA. WIRE.

4. ASSOCIATED CABLE
198217 CABLE ASSEMBLY

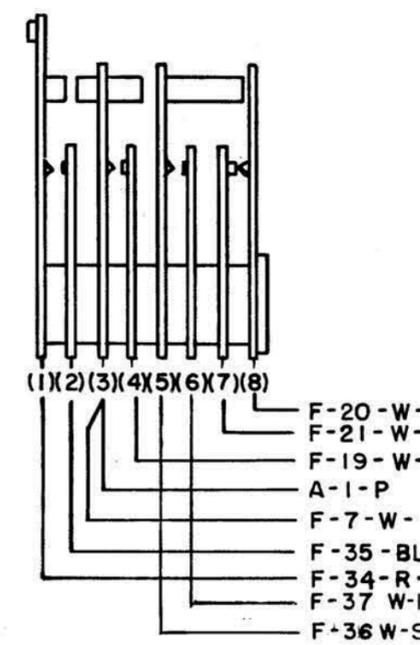
5. NUMBERS IN PARENTHESIS ARE NOT MARKED ON COMPONENTS.

6.

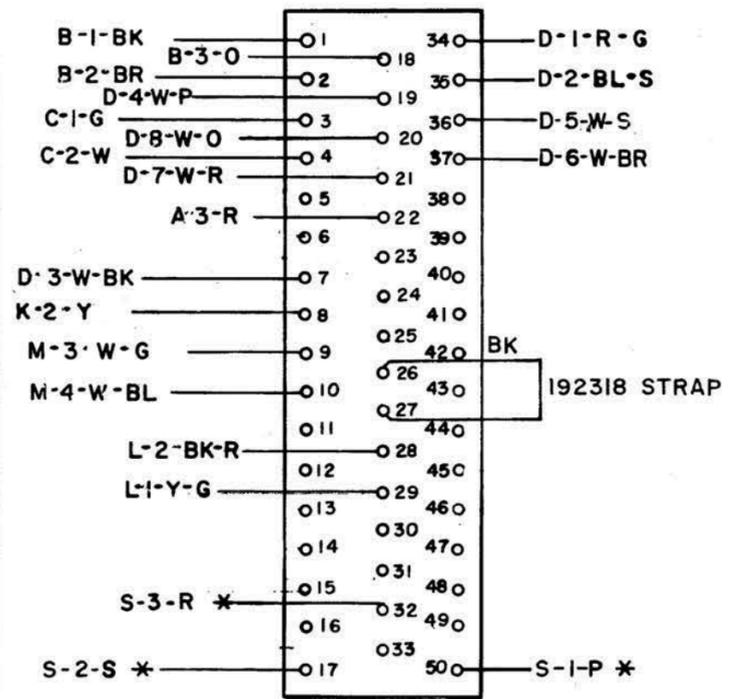
A
MARGIN INDICATOR SWITCH
155954



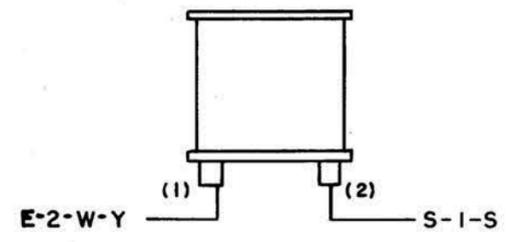
D
RECEIVE BREAK SWITCH



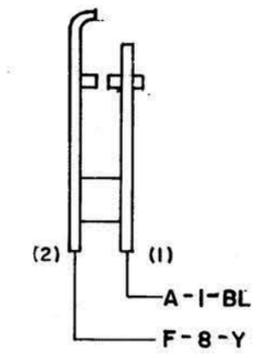
F
KEYBOARD CONNECTOR
192013



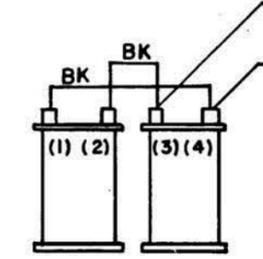
G
BACKSPACE MAGNET
(ON REPERFORATOR)



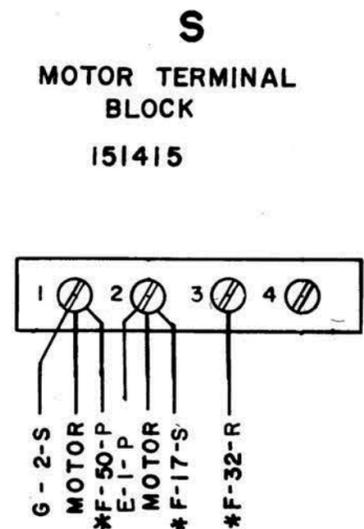
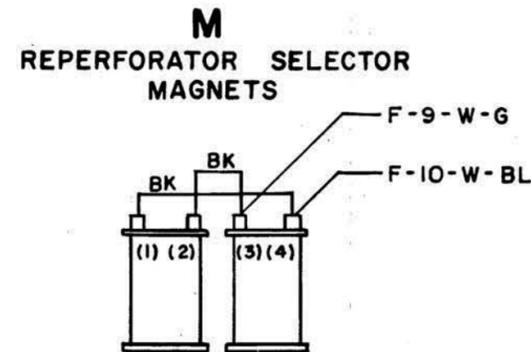
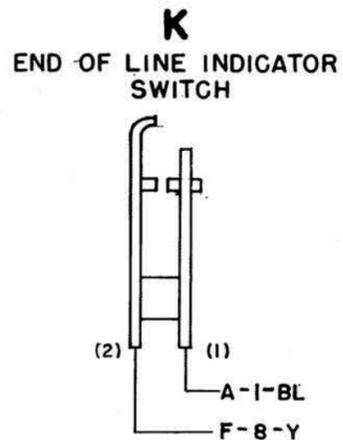
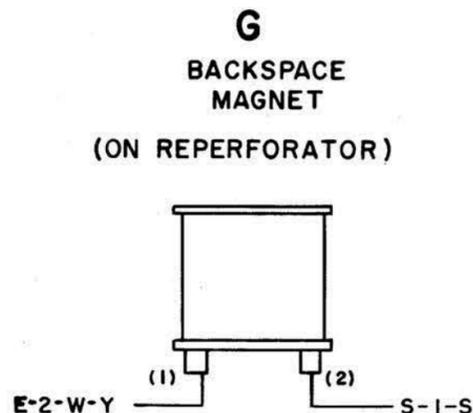
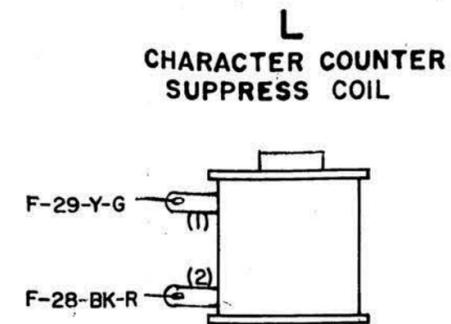
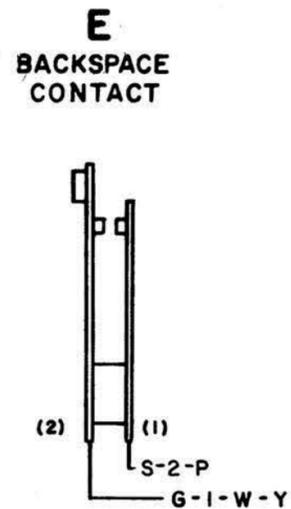
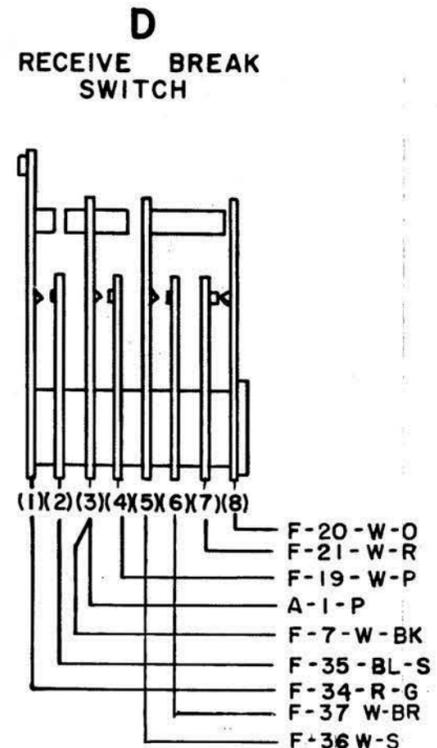
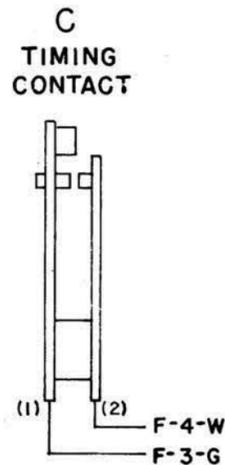
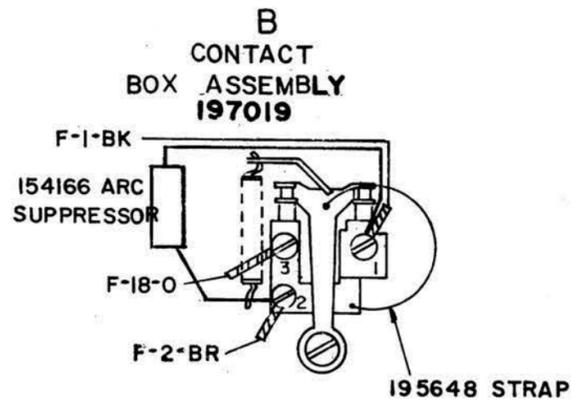
K
END OF LINE INDICATOR SWITCH



M
REPERFORATOR SELE
MAGNETS



REVISIONS		
ISSUE NO.	DATE	AUTHOR.
2	2-19-64	80153
3	3-23-64	80166
4	4-7-64	80159
5	5-25-64	82577
6	7-2-64	80159-1
7	8-13-64	83199
8	6-24-65	87329



ACTUAL WIRING DIAGRAM FOR MODEL 35 KEYBOARD LAK 806,810

APPROVALS

D AND R E OF M
[Signature]

E NUMBER
PROD. NO. 6395 WD

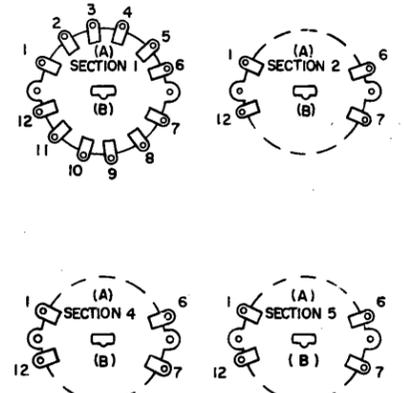
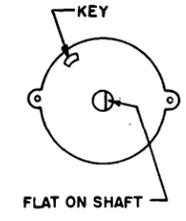
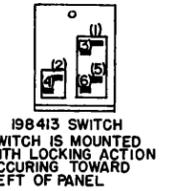
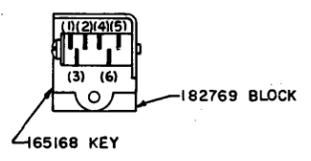
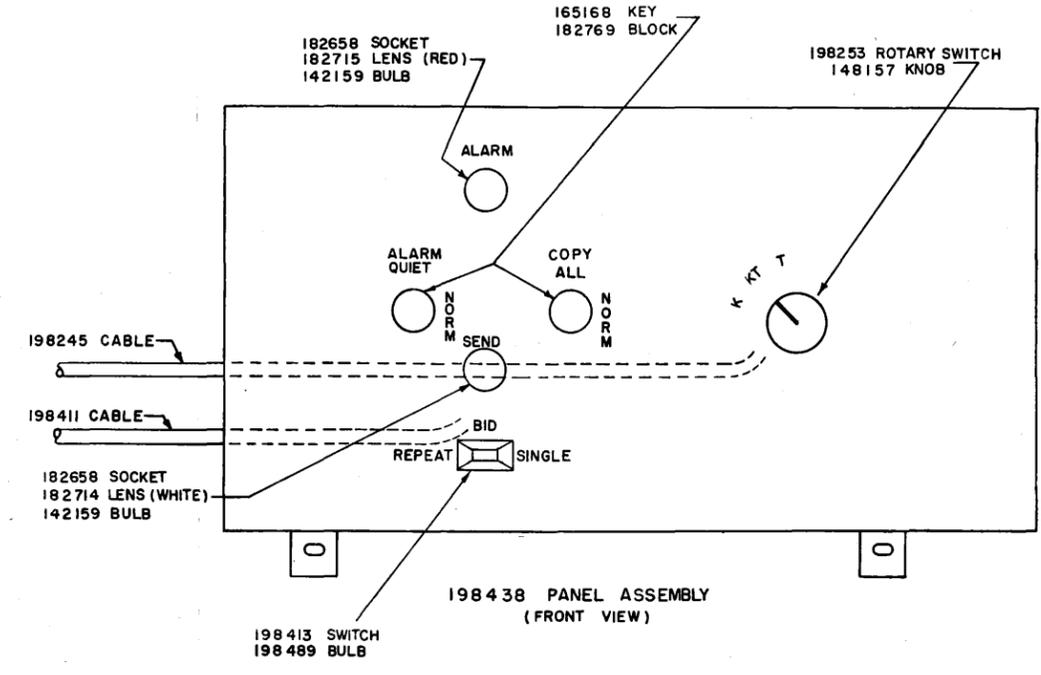
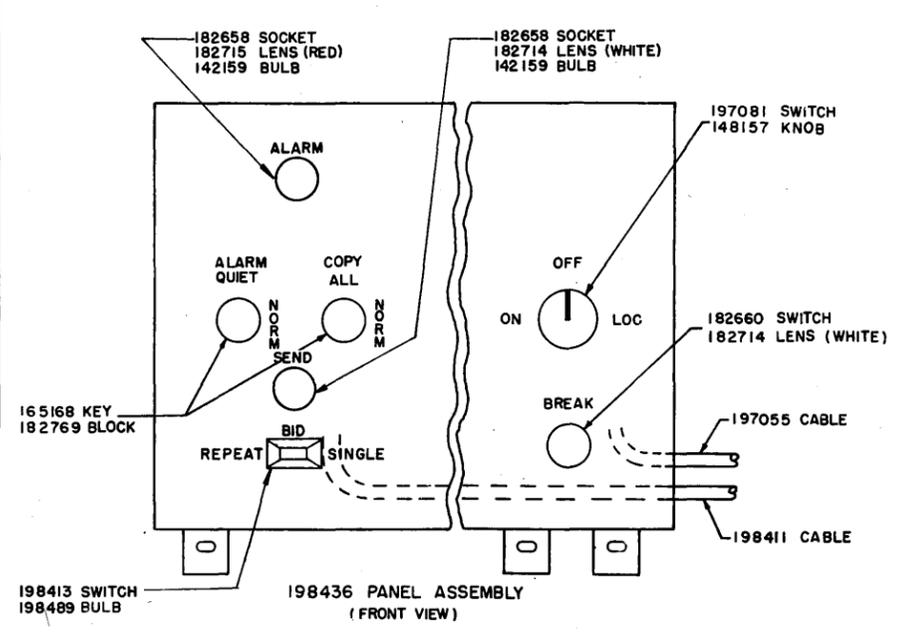
DATE:
P.D. FILE NO. 1-18.151AA
DRW. CHKD. *[Signature]*
ENGD. WEG APPD. *[Signature]*

TELETYPE CORPORATION

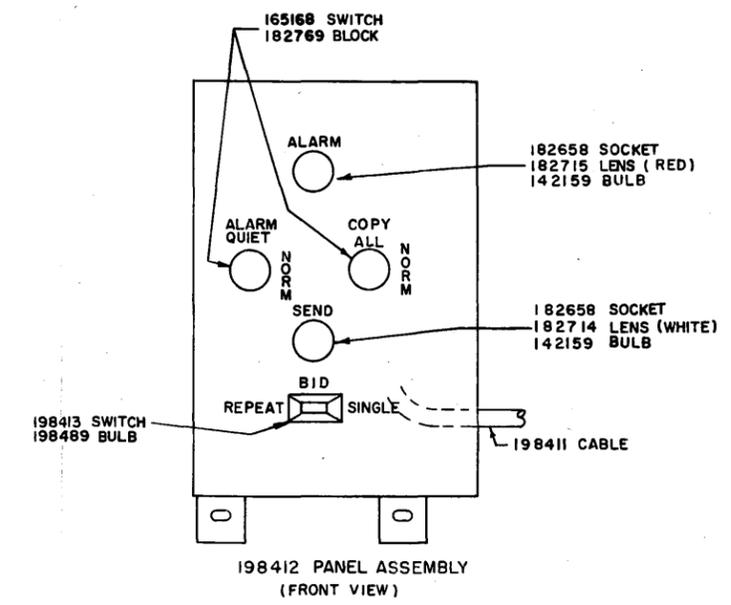
6470WD-WI

REVISIONS		
ISSUE	DATE	AUTH. NO.
2	10-11-65	88901

NO	NOTE
1	THE 198412 PANEL ASSEMBLY IS WIRED WITH THE 198411 CABLE
2	THE 198436 PANEL ASSEMBLY IS WIRED WITH THE 198411 AND 197055 CABLE EXCEPT AS FOLLOWS: A. TIE BACK THE W WIRE IN THE 197055 CABLE.
3	THE 198438 PANEL ASSEMBLY IS WIRED WITH THE 198411 AND 198245 CABLE
4	* INDICATES 18GA. WIRE
5	SWITCH SHAFT TO BE IN THE EXTREME COUNTER-CLOCKWISE POSITION WITH FLAT OF SHAFT TOWARD THE RIGHT. SECTIONS ARE NUMBERED BEGINNING FROM THE TOP OF THE SWITCH.
6	THE ROTARY SWITCH MS IS BLOCKED FROM MOVING INTO THE LAST TWO CLOCKWISE POSITIONS. TERMINALS 4, 5, 10, & 11 ON THE SWITCH SECTIONS AND TERMINAL 6 OF SECTION 3 ARE NOT USED IN THIS APPLICATION EVEN THOUGH WIRING IS SHOWN ON THESE TERMINALS.



198253 SWITCH, ROTARY
NOTE 5



SCHEMATIC 6471WD-BI-6

WIRING LIST
198412, 198436
AND 198438
PANEL ASSEMBLIES
(KSR, RO, & ASR)
8AI AND 8BI DATA SELECTIVE
CALLING SYSTEM

APPROVALS	
D AND R <i>[Signature]</i>	E OF M <i>[Signature]</i>
E-NUMBER	
PROD. NO. 6470WD-WI	
DATE 6/29/63	
P.D. FILE NO. 43-A25AA	
DRAWN C.G.	CHKD. J.G.M.
ENGD. P.H.B.	APPD. J.G.G.

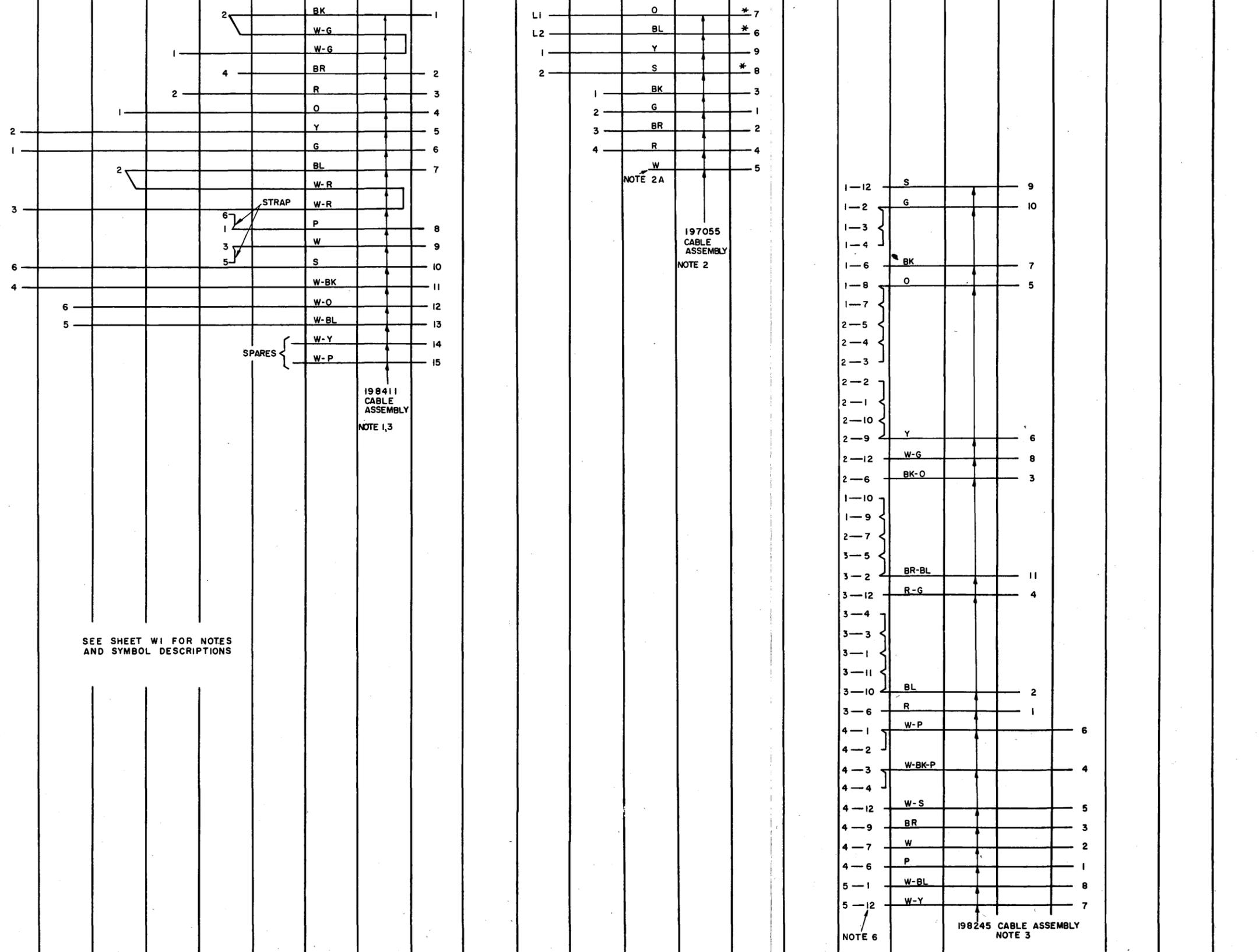
TELETYPE
CORPORATION
6470WD WI

6470WD-W2

REVISIONS

ISSUE	DATE	AUTH. NO.
2	10-11-65	88901

ITEM	KEY	KEY	SOCKET	SOCKET	SWITCH				PLUG		SWITCH	SWITCH		CONNECTOR		SWITCH		PLUG	CONNECTOR		LEAD	SHEET
CIRCUIT DESIGNATION	ALARM QUIET	COPY ALL	ALARM	SEND	BID				P		MOTOR POWER, P	BREAK		E		MS		S	V		CODE	CODE
CODE	PART OF 198412, 198436, 198438 PANEL ASSEMBLIES									PART OF 198436 PANEL ASSEMBLY					PART OF 198438 PANEL ASSEMBLY							
TELETYPE PART NO.	165168	165168	182658	182658	198413				182540		197081	182660		182716		198253 (NOTE 5)		182648	182648			



SEE SHEET W1 FOR NOTES AND SYMBOL DESCRIPTIONS

SCHEMATIC 6471WD-B1-6

WIRING LIST
198412, 198436
AND 198438
PANEL ASSEMBLIES
(KSR, RO, & ASR)
8A1 AND 8B1 DATA SELECTIVE
CALLING SYSTEM

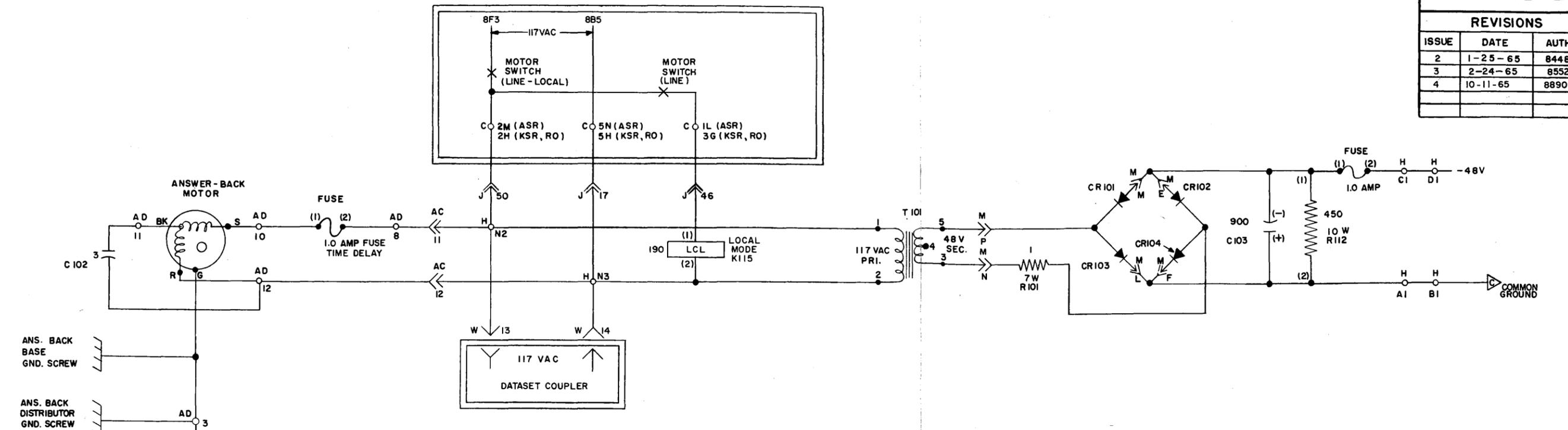
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E-NUMBER	
PROD. NO. 6470WD-W2	
DATE 6/29/63	
P.D. FILE NO. 43-A25AA	
DRAWN C.G.	CHKD. <i>[Signature]</i>
ENGD. P.H.B.	APPD. <i>[Signature]</i>
TELETYPE CORPORATION	
6470WD-W2	

6471WD-BI

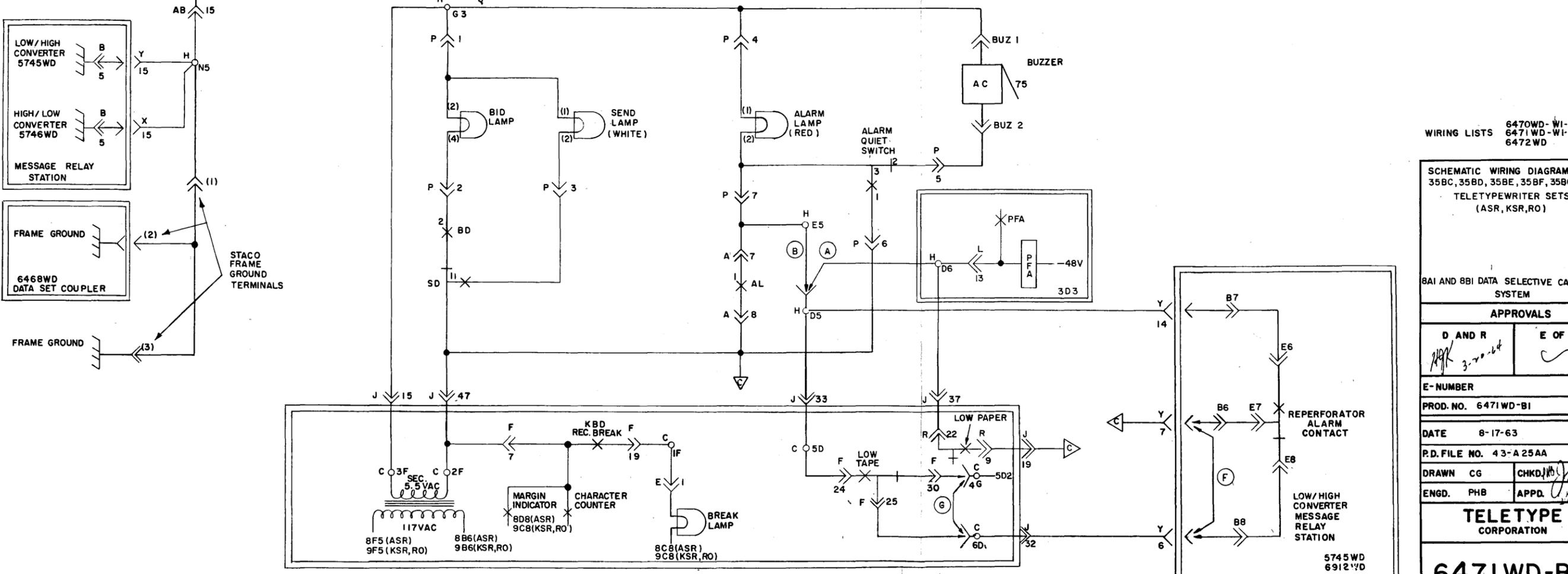
REVISIONS

ISSUE	DATE	AUTH. NO.
2	1-25-65	84484
3	2-24-65	85523
4	10-11-65	88901

STACO AC AND DC POWER CIRCUIT



STACO ALARM CIRCUIT



WIRING LISTS 6470WD-WI-2
6471WD-WI-4
6472WD

SCHEMATIC WIRING DIAGRAM FOR
35BC, 35BD, 35BE, 35BF, 35BG, 35BH
TELETYPEWRITER SETS
(ASR, KSR, RO)

BAI AND BBI DATA SELECTIVE CALLING
SYSTEM

APPROVALS

D AND R <i>[Signature]</i>	E OF M <i>[Signature]</i>
-------------------------------	------------------------------

E-NUMBER

PROD. NO. 6471WD-BI

DATE 8-17-63

P.D. FILE NO. 43-A 25AA

DRAWN CG

ENG. PHB

CHKD *[Signature]*

APPD. *[Signature]*

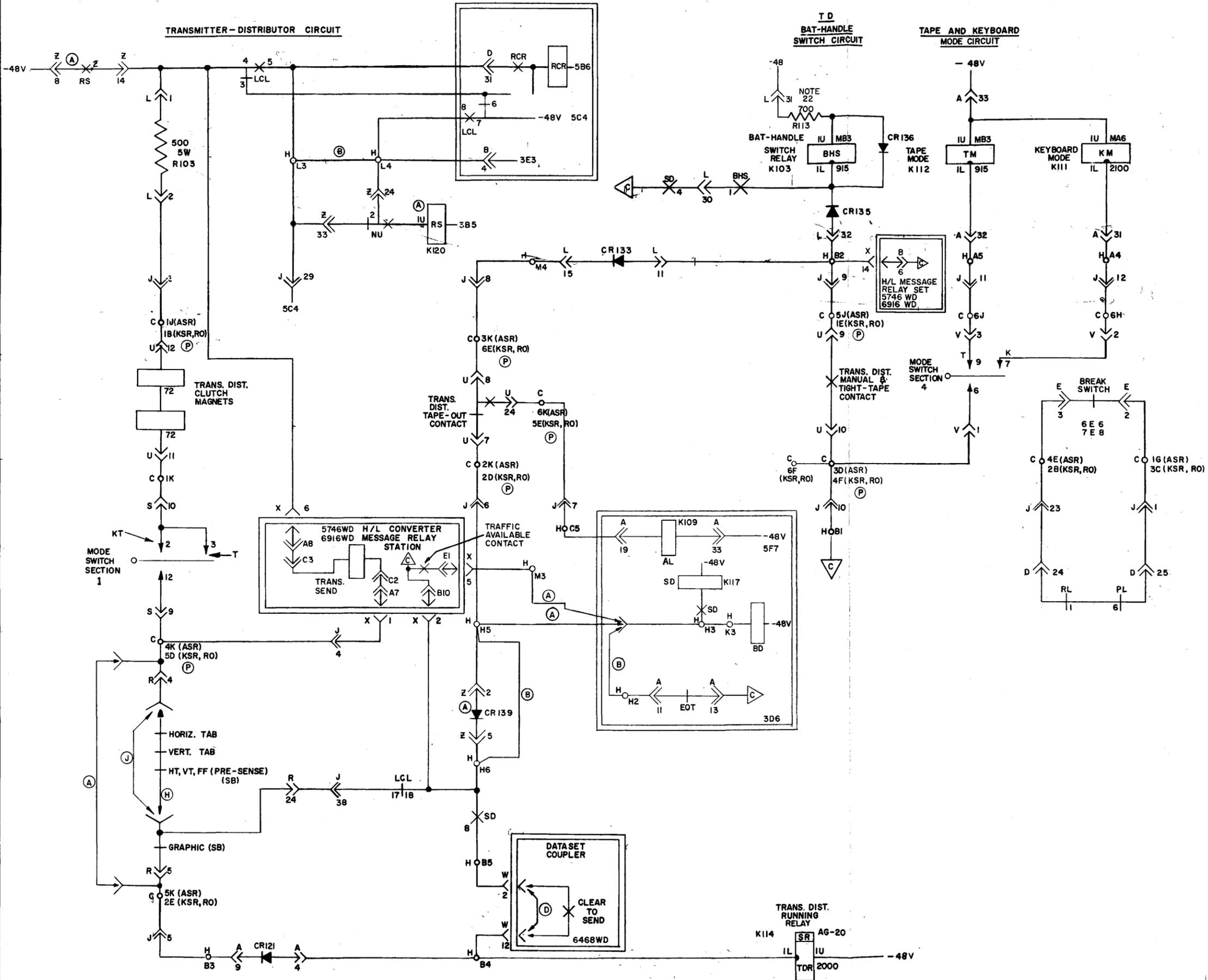
TELETYPE CORPORATION

6471WD-BI

6471WD-B2

REVISIONS

ISSUE	DATE	AUTH. NO.
2	7-31-64	82572
3	8-11-64	82580
4	10-28-64	83718
5	11-12-64	83724
6	11-30-64	83730
7	4-20-65	85539
8	5-24-65	85539-1
9	9-25-65	85552
10	10-11-65	88901



6935WD
6470WD-WI-2
6471WD-WI-4
6472WD
6474WD

SCHEMATIC WIRING DIAGRAM FOR 35BC, 35BD, 35BE, 35BF, 35BG, 35BH TELETYPEWRITER SETS (ASR, KSR, RO)

8A1 AND 8B1 DATA SELECTIVE CALLING SYSTEM

APPROVALS

D AND R
E OF M

E-NUMBER

PROD. NO. 6471WD-B2

DATE 8-20-63

R.D. FILE NO. 43-A25AA

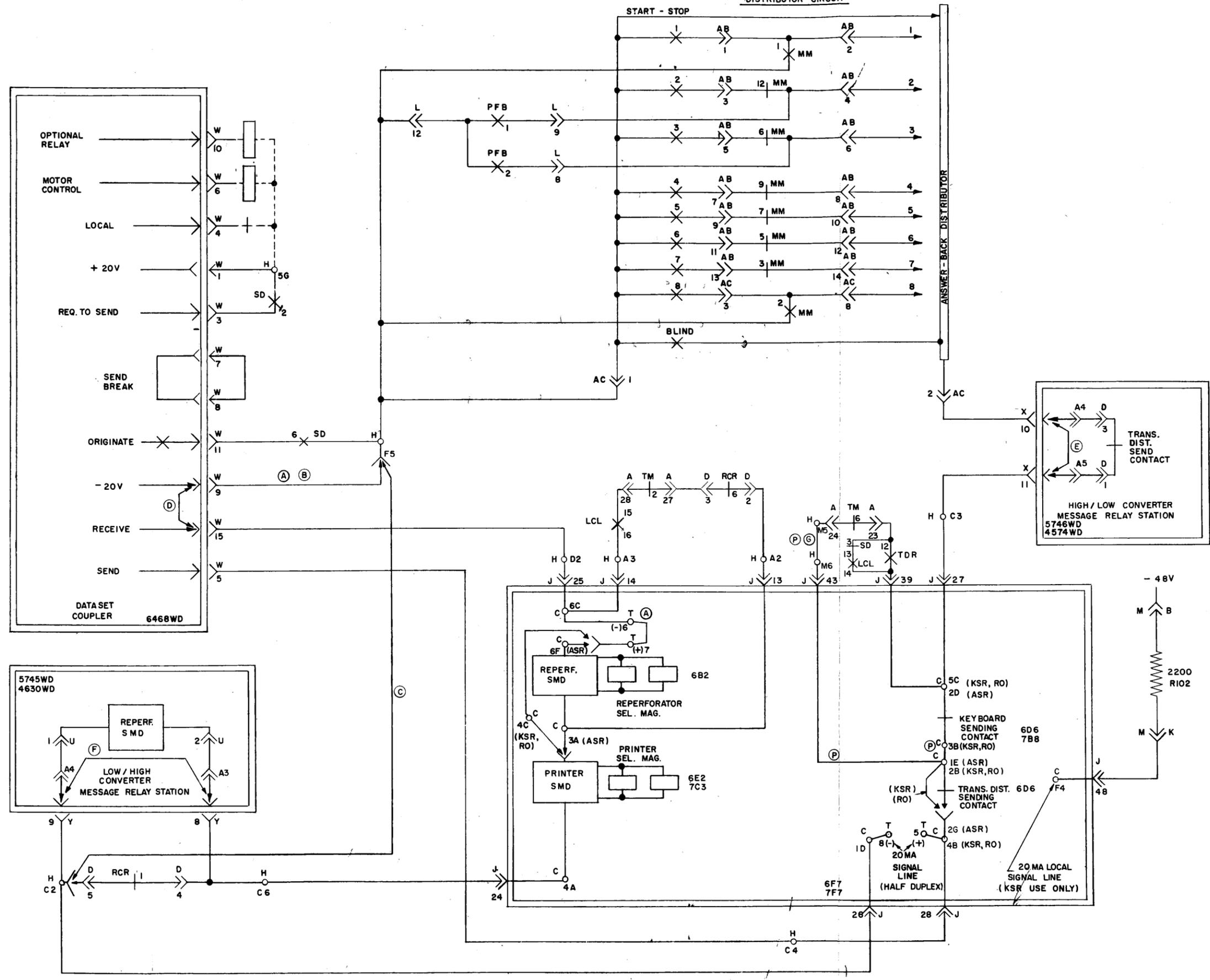
DRAWN R.L.W. CHKD/D

ENGD. PHB APPD.

TELETYPE CORPORATION

6471WD-B2

STACO SIGNAL LINE AND ANSWER-BACK DISTRIBUTOR CIRCUIT



6471WD-B4		
REVISIONS		
ISSUE	DATE	AUTH. NO.
2	11-19-64	83726
3	1-18-65	83743
4	10-11-65	88901

WIRING LIST
 6470WD-WI-2
 6471WD-WI-4
 6472WD
 6935WD

SCHEMATIC WIRING DIAGRAM FOR
 35BC, 35BD, 35BE, 35BF, 35BG, 35BH
 TELETYPEWRITER SETS
 (ASR, KSR, RO)

BAI AND 8BI DATA SELECTIVE CALLING SYSTEM

APPROVALS

D AND R: *HAK 3-20-64*
 E OF M: *[Signature]*

E-NUMBER

PROD. NO. 6471WD-B4

DATE 8-20-63

P.D. FILE NO. 43 A 25 AA

DRAWN CG CHKD *[Signature]*

ENGD. PHB APPD. *[Signature]*

TELETYPE CORPORATION

6471WD-B4

REVISIONS

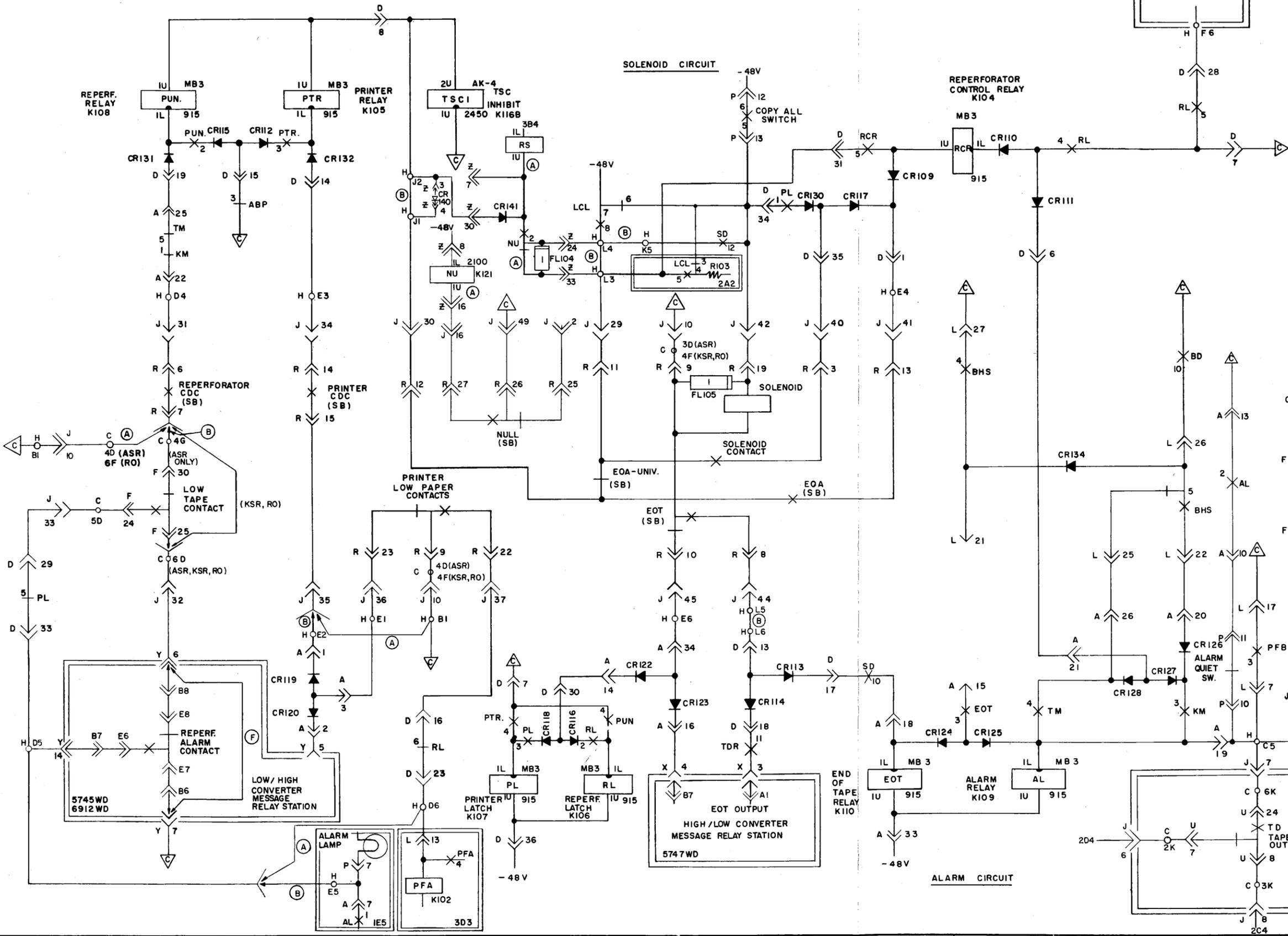
ISSUE	DATE	AUTH. NO.
2	7-31-64	82572
3	8-11-64	82580
4	10-14-64	83708
5	11-12-64	83724
6	10-11-65	88901

CALL DIRECTING - CODE RECOGNITION CIRCUIT

SOLENOID CIRCUIT

REPERFORATOR CONTROL RELAY K104

REMOTE SOLENOID



6935WD
6470WD-WI-2
6471WD-WI-4
6472WD
6474WD

SCHEMATIC WIRING DIAGRAM FOR 35BC, 35BC, 35BE, 35BF, 35BG, 35BH TELETYPEWRITER SETS (ASR KSR RO)

BAI AND 8BI DATA SELECTIVE CALLING SYSTEM

APPROVALS

D AND R: *[Signature]*
E OF M: *[Signature]*

E-NUMBER

PROD. NO. 6471 WD-B5

DATE 8-15-63

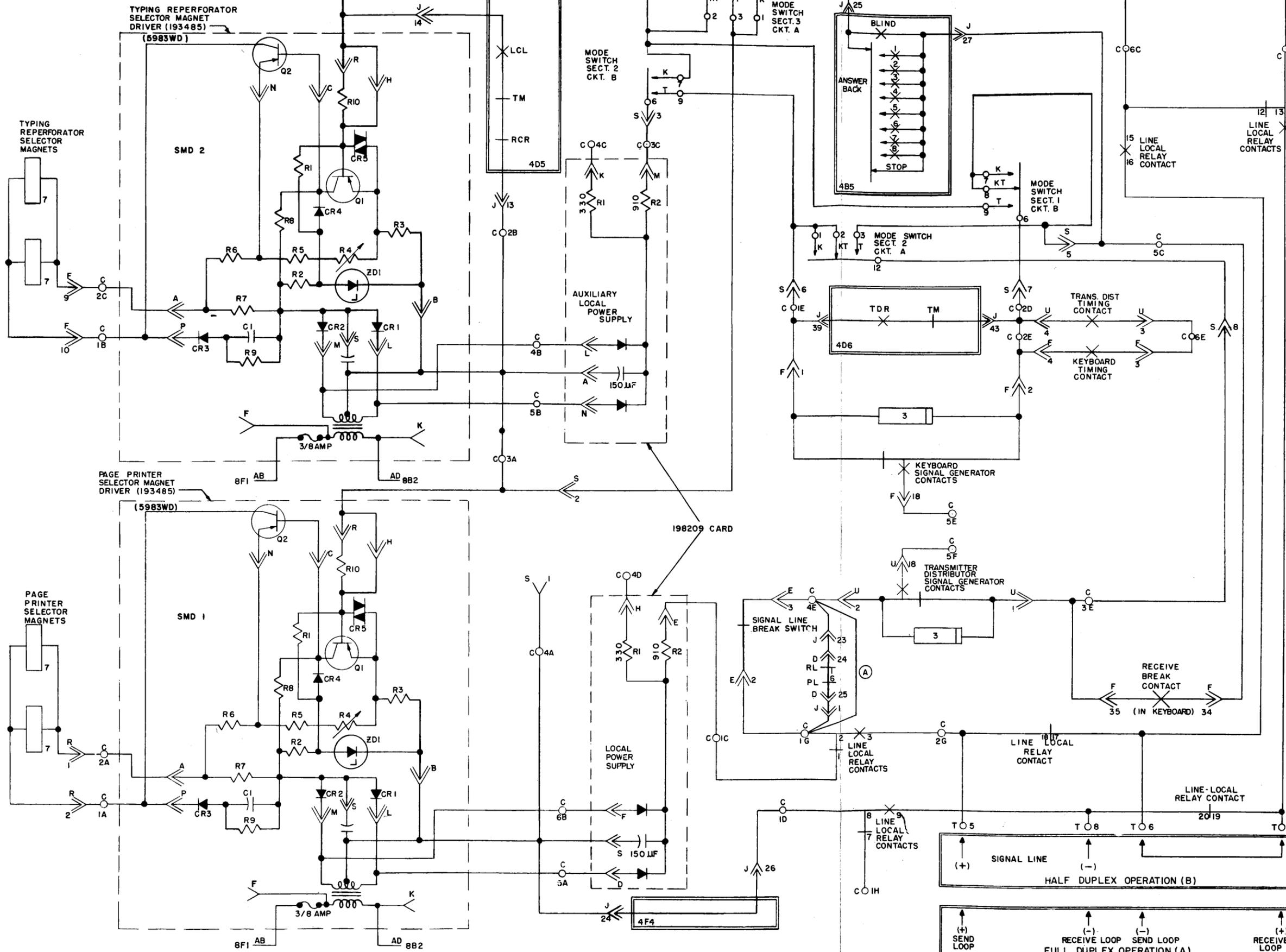
P.D. FILE NO. 43-A25 AA

DRAWN CG CHKD/ [Signature]

ENGD. PHB APPD. [Signature]

TELETYPE CORPORATION

ASR SIGNAL LINE CIRCUIT



6471WD-B6

REVISIONS		
ISSUE	DATE	AUTH. NO.
2	10-11-65	88901

- 4348 WD
5814 WD
5983 WD
6470 WD-WI-W2
6471 WD-WI-W4
6472 WD
6474 WD
6935 WD
6380 WD

SCHEMATIC WIRING DIAGRAM FOR 35BC & 35BF (ASR) TELETYPEWRITER SETS

BAI AND BBI DATA SELECTIVE CALLING SYSTEM

APPROVALS

D AND R *[Signature]* E OF M *[Signature]*

E-NUMBER 8-17-63

PROD. NO. 6471 WD-B6

DATE

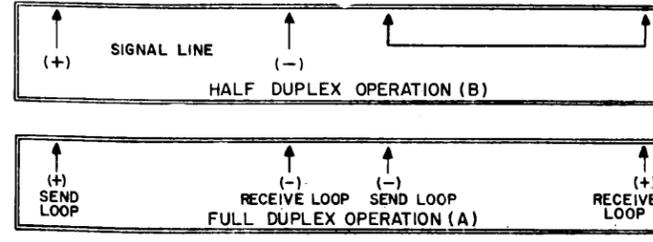
P.D. FILE NO. 43-A25AA

DRAWN *[Signature]* CHKD. *[Signature]*

ENGD. W.E.C. APPD. *[Signature]*

TELETYPE CORPORATION

6471WD-B6

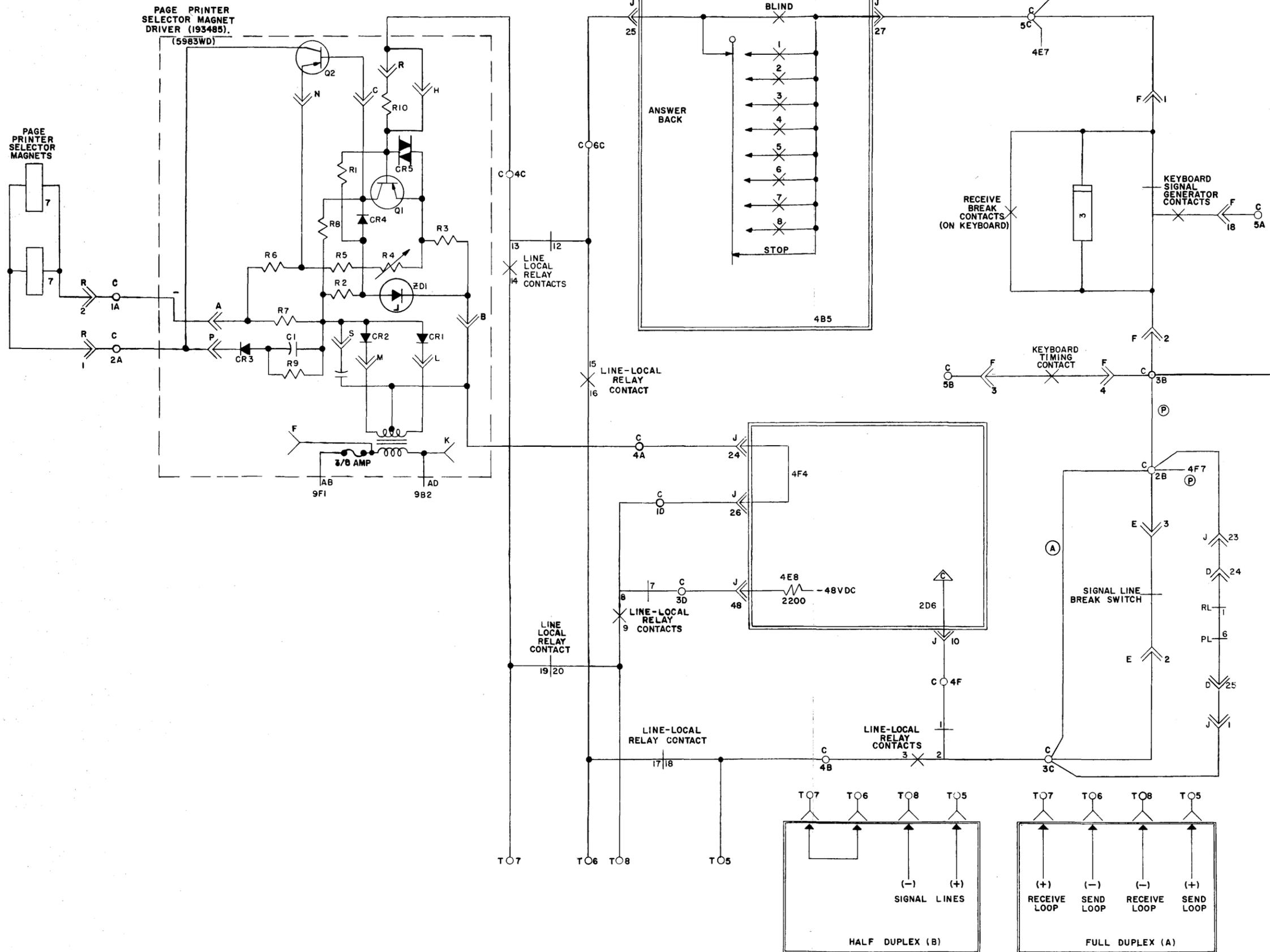


KSR AND RO SIGNAL LINE CIRCUIT

6471WD-B7

REVISIONS

ISSUE	DATE	AUTH. NO.
2	8-11-64	82580
3	1-18-65	83743
4	10-11-65	88901



5857 WD
5983 WD
6936 WD
6471 WD WI-W4
6472 WD
6474 WD
6470 WD-WI-W2

SCHEMATIC WIRING DIAGRAM
FOR 35BD, 35BE, 35BG & 35BH
(KSR & RO) TELETYPEWRITER
SETS

8AI AND 8BI DATA SELECTIVE
CALLING SYSTEM

APPROVALS
D AND R: *[Signature]*
E OF M: *[Signature]*

E-NUMBER
PROD. NO. 6471WD-B7
DATE 8-3-63
P.D. FILE NO. 43-A25AA
DRAWN R.W.D. CHKD. *[Signature]*
ENGD. W.E.C. APPD. *[Signature]*

TELETYPE CORPORATION

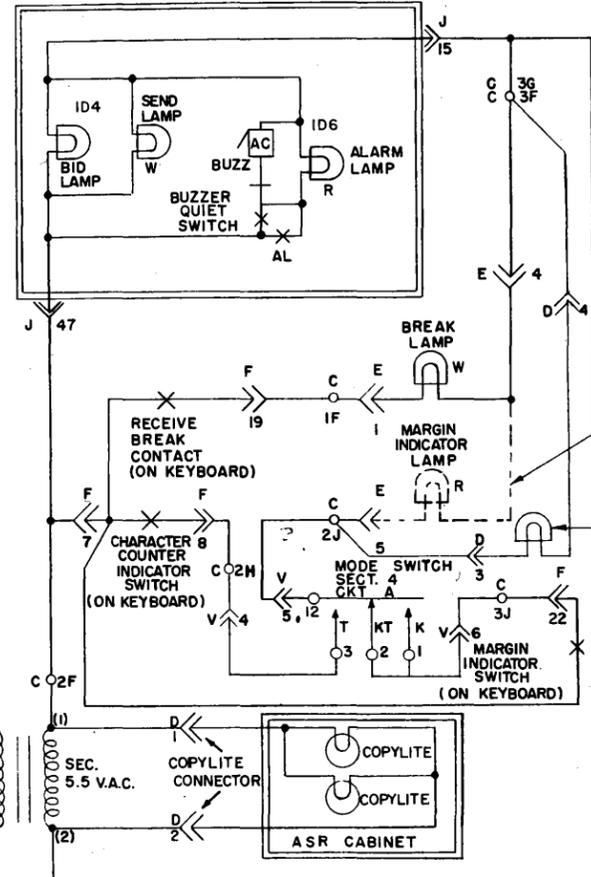
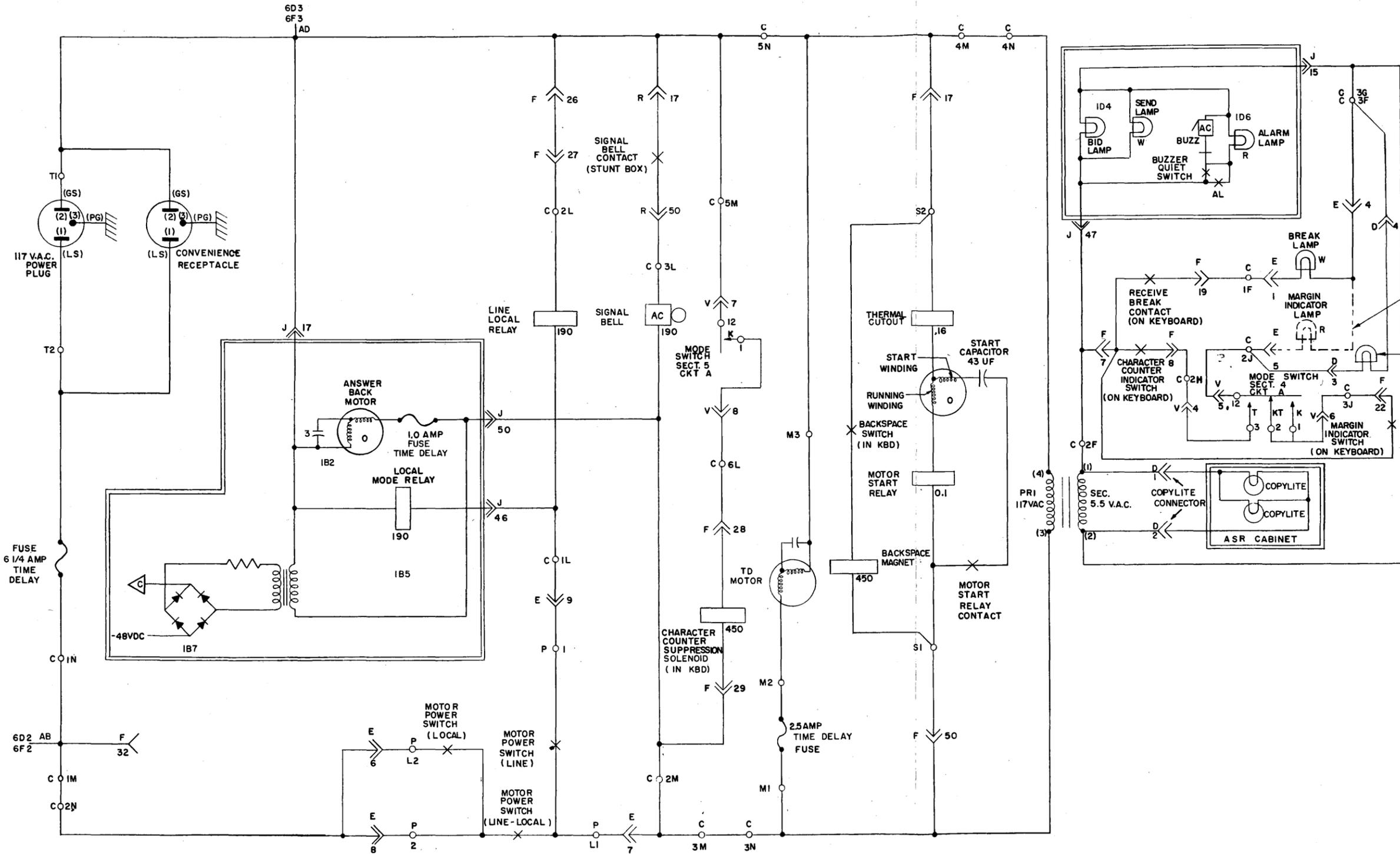
6471WD-B7

6471WD-B8

REVISIONS

ISSUE	DATE	AUTH. NO.
2	6-17-64	82025
3	2-24-65	85523
4	6-9-65	84530
5	10-11-65	88901

ASR POWER CIRCUIT



OLD STYLE MOUNTED ON PANEL ADJACENT TO KEYBOARD
 MARGIN INDICATOR LAMP (NEW STYLE MOUNTED ON UPPER COVER AT TOP OF LINE GUIDE SHAFT)

4348WD
 6380WD
 6472WD
 6935WD
 6471WD-W1-W4
 6470WD-W1-W2
 6474WD
 6395WD
 2900WD

SCHEMATIC WIRING DIAGRAM FOR 35BC & 35BF (ASR) TELETYPEWRITER SETS

8AI AND 8BI DATA SELECTIVE CALLING SYSTEM

APPROVALS
 D AND R: *HJK 3-20-64*
 E OF M: *[Signature]*

E-NUMBER
 PROD. NO. 6471WD-B8
 DATE 8-8-63
 P.D. FILE NO. 43-A25AA
 DRAWN C G
 CHKD. *[Signature]*
 ENGD. W.E.C.
 APPD. *[Signature]*

TELETYPE CORPORATION

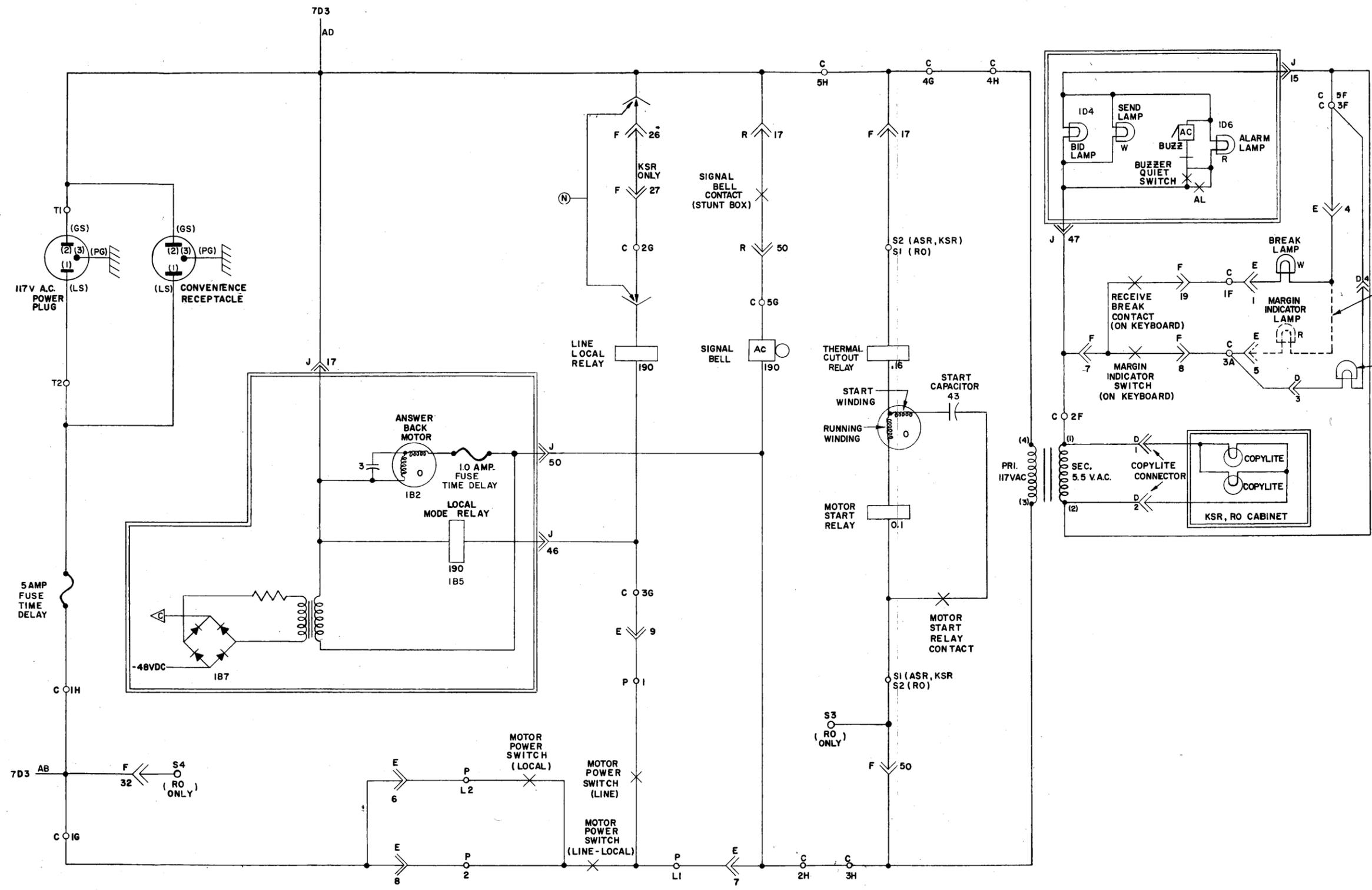
6471WD-B8

6471WD-B9

REVISIONS

ISSUE	DATE	AUTH. NO.
2	6-18-64	82025
3	2-24-65	85523
4	10-11-65	88901

KSR, RO POWER CIRCUIT



(OLD STYLE MOUNTED ON PANEL ADJACENT TO KEYBOARD)
MARGIN INDICATOR LAMP
(NEW STYLE MOUNTED ON UPPER COVER AT TOP OF LINE GUIDE SHAFT)

- WIRING LISTS
- 5857 WD
 - 5983 WD
 - 5938 WD
 - 6471 WD-WI-W4
 - 6472 WD
 - 6474 WD
 - 6470 WD-WI-W2
 - 6380 WD
 - 6362 WD
 - 2900 WD

SCHEMATIC WIRING DIAGRAM FOR 35BD, 35BE, 35BG & 35BH (KSR, RO) TELETYPEWRITER SETS

8A1 AND 8B1 DATA SELECTIVE CALLING SYSTEM

APPROVALS

D AND R <i>HAK 3-20-64</i>	E OF M <i>[Signature]</i>
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E-NUMBER
PROD. NO. 6471WD-B9

DATE 8-3-63

P.D. FILE NO. 43-A25AA

DRAWN R. W. D. CHKD. *[Signature]*

ENGD. W. E. C. APPD. *[Signature]*

TELETYPE CORPORATION

6471WD-B9

NO	NOTES
1.	ALL VOLTAGES DC UNLESS OTHERWISE SPECIFIED
2.	TERMINAL DESIGNATIONS ENCLOSED IN PARENTHESES ARE FOR REFERENCE AND NOT MARKED ON COMPONENT.
3.	ALL RESISTORS 1/2 WATT AND RESISTANCE VALUES IN OHMS, UNLESS OTHERWISE SPECIFIED.
4.	ALL CAPACITANCE VALUES IN MICROFARADS, UNLESS OTHERWISE SPECIFIED.
5.	 INDICATES FEMALE TERMINAL  INDICATES MALE TERMINAL
6.	ALL CONTACTS SHOWN IN UNOPERATED OR DEENERGIZED POSITIONS.
7.	 INDICATES 185A NETWORK  INDICATES 186A NETWORK  154166 NETWORK
8.	<ul style="list-style-type: none"> <input type="radio"/> C WIRING FIELD (ON LESU) <input type="radio"/> H WIRING FIELD (ON STACO PANEL) <input type="radio"/> AD MOTOR TERMINAL BLOCK (ON ANSWER-BACK) <input type="radio"/> T POWER & SIGNAL LINE TERMINAL BLOCK (ON LESU)  U TRANSMITTER-DISTRIBUTOR CONNECTOR  F KEYBOARD CONNECTOR  J LESU & PRINTER CABLE CONNECTOR  P CONTROL PANEL CONNECTOR  X H/L CONV. RELAY STATION CONNECTOR  Y L/H CONV. RELAY STATION CONNECTOR  W DATASET COUPLER CONNECTOR  AB ANSWER-BACK CONNECTOR  AC ANSWER-BACK CONNECTOR  A CIRCUIT CARD RECEPTACLE  D CIRCUIT CARD RECEPTACLE  B CIRCUIT CARD RECEPTACLE  L CIRCUIT CARD RECEPTACLE  M CIRCUIT CARD RECEPTACLE  R PRINTER CONNECTOR

NO.	NOTES														
9.	CIRCUIT CARD ASSEMBLIES: <table border="1" style="width: 100%;"> <thead> <tr> <th>CODE</th> <th>TELETYPE PART NO.</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>198448</td> </tr> <tr> <td>B</td> <td>308424 (HALF DUPLEX ONLY)</td> </tr> <tr> <td>D</td> <td>198446</td> </tr> <tr> <td>L</td> <td>198447</td> </tr> <tr> <td>M</td> <td>198403</td> </tr> <tr> <td>Z</td> <td>198490 (FULL DUPLEX ONLY)</td> </tr> </tbody> </table>	CODE	TELETYPE PART NO.	A	198448	B	308424 (HALF DUPLEX ONLY)	D	198446	L	198447	M	198403	Z	198490 (FULL DUPLEX ONLY)
CODE	TELETYPE PART NO.														
A	198448														
B	308424 (HALF DUPLEX ONLY)														
D	198446														
L	198447														
M	198403														
Z	198490 (FULL DUPLEX ONLY)														
10.	HALF-DUPLEX: <input type="radio"/> INDICATES WIRING OF STATION CONTROLLER FOR HALF-DUPLEX SIGNAL LINE OPERATION. THE STATION CONTROLLER IS FACTORY-WIRED FOR HALF-DUPLEX.														
11.	FULL-DUPLEX OPTION: <input type="radio"/> INDICATES WIRING REQUIRED WHEN STATION CONTROLLER IS TO BE USED ON FULL-DUPLEX SIGNAL LINES.														
12.	DATASET COUPLER OPTION: <input type="radio"/> INDICATES WIRING FOR DATASET COUPLER OPERATION. <input type="radio"/> INDICATES STRAPS REMOVED WHEN DATASET COUPLER IS USED WITH STATION CONTROLLER CIRCUIT.														
13.	HIGH/LOW CONVERTER MESSAGE RELAY STATION OPTION: <input type="radio"/> INDICATES STRAPS REMOVED WHEN HIGH/LOW CONVERTER IS USED WITH STATION CONTROLLER CIRCUIT.														
14.	LOW/HIGH CONVERTER MESSAGE RELAY STATION OPTION: <input type="radio"/> INDICATES STRAPS REMOVED WHEN LOW/HIGH CONVERTER IS USED WITH STATION CONTROLLER CIRCUIT.														
15.	SPROCKET FEED PRINTER OPTION: <input type="radio"/> INDICATES WIRING WHEN SPROCKET FEED PRINTER IS USED.														
16.	FRICTION FEED PRINTER OPTION: <input type="radio"/> INDICATES WIRING WHEN FRICTION FEED PRINTER IS USED.														
17.	CHECK-OUT STRAP (ON-LINE, HALF-DUPLEX) <input type="radio"/> REMOVE STRAP WHEN MAKING ON-LINE HALF-DUPLEX CHECK-OUT. NOTE: REPLACE STRAP WHEN CHECK-OUT IS FINISHED. REMOVE STRAP WHEN REMOTE READER IS USED WITH RO.														
18.	NO ANSWER-BACK-TO-CDC OPTION (FULL DUPLEX ONLY) <input type="radio"/> REMOVE STRAP IF NO CDC ANSWER-BACK RESPONSE IS NEEDED.														
19.	LINE BREAK FEATURE FOR KSR <input type="radio"/> THE "RECEIVE-BREAK" CONTACT IN THE KSR KEYBOARD BASE IS NOT WIRED TO PROVIDE A "BREAK" SIGNAL FOR SEND CIRCUIT. THEREFORE KSR WIRING MUST BE STRAPPED PAST THE "RECEIVE-BREAK" AREA. IF THE KSR IS TO OPERATE WITH A READER, WIRING MUST BE ADDED TO CONNECT OTHER KEYBOARD BREAK CONTACTS TO TERMINALS F-20, F-21, F-36 AND F-37 AS DESCRIBED IN SPEC. 60829S.														
20.	RO WIFING <input type="radio"/> THIS WIRING FOR RO ONLY														
21.	READER WIRING FOR RO OR KSR STATION SETS <input type="radio"/> REMOVE STRAP BETWEEN WIRING FIELD TERMINALS C-3B AND C-2B AS SHOWN ON SCHEMATIC 6471WD-B7 AND WIRING DIAGRAM 6936 WD IN ORDER TO CONNECT READER SIGNAL GENERATOR CONTACTS TO THE FIELD. READER CONNECTIONS MUST ALSO BE MADE TO THE FIELD AS SHOWN BY SYMBOL <input type="radio"/> ON SCHEMATIC 6471WD-B2. FOR FULL DUPLEX SERVICE RO STATION SETS, ADDITIONAL WIRING CHANGES MUST BE MADE AS PER SPECIFICATION 60,830S, SEE <input type="radio"/> ABOVE. FOR KSR SETS THE W-BK-R LEAD MUST BE MOVED FROM LESU "C" WIRING FIELD TERMINAL C-2B TO C-3B.														
22.	EARLIER CARDS DO NOT INCLUDE R113														

6471WD-B10

REVISIONS		
ISSUE	DATE	AUTH. NO.
2	8-11-64	82580
3	10-14-64	83708
4	11-19-64	83726
5	1-18-65	83743
6	5-17-65	85528
7	9-25-65	85552
8	10-11-65	88901

WIRING LIST 6471WD-W1-4

SCHEMATIC WIRING DIAGRAM FOR 35BC, 35BD, 35BE, 35BF, 35BG, 35BH TELETYPEWRITER SETS (ASR, KSR, RO)

BAI AND BBI DATA SELECTIVE CALLING SYSTEM

APPROVALS

D AND R <i>APK 3.20.64</i>	E OF M <i>[Signature]</i>
-------------------------------	------------------------------

E-NUMBER

PROD. NO. 6471WD-B10

DATE 9-27-63

P.D. FILE NO. 43-A25AA

DRAWN R.W.D.	CHKD: <i>[Signature]</i>
--------------	--------------------------

ENGD. P.H.B.	APPD. <i>[Signature]</i>
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TELETYPE CORPORATION

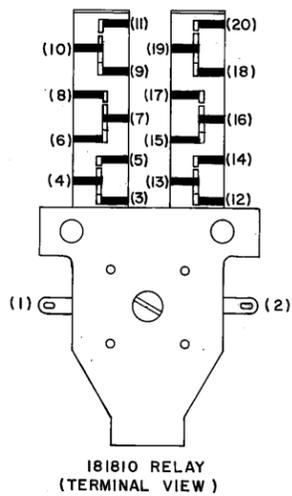
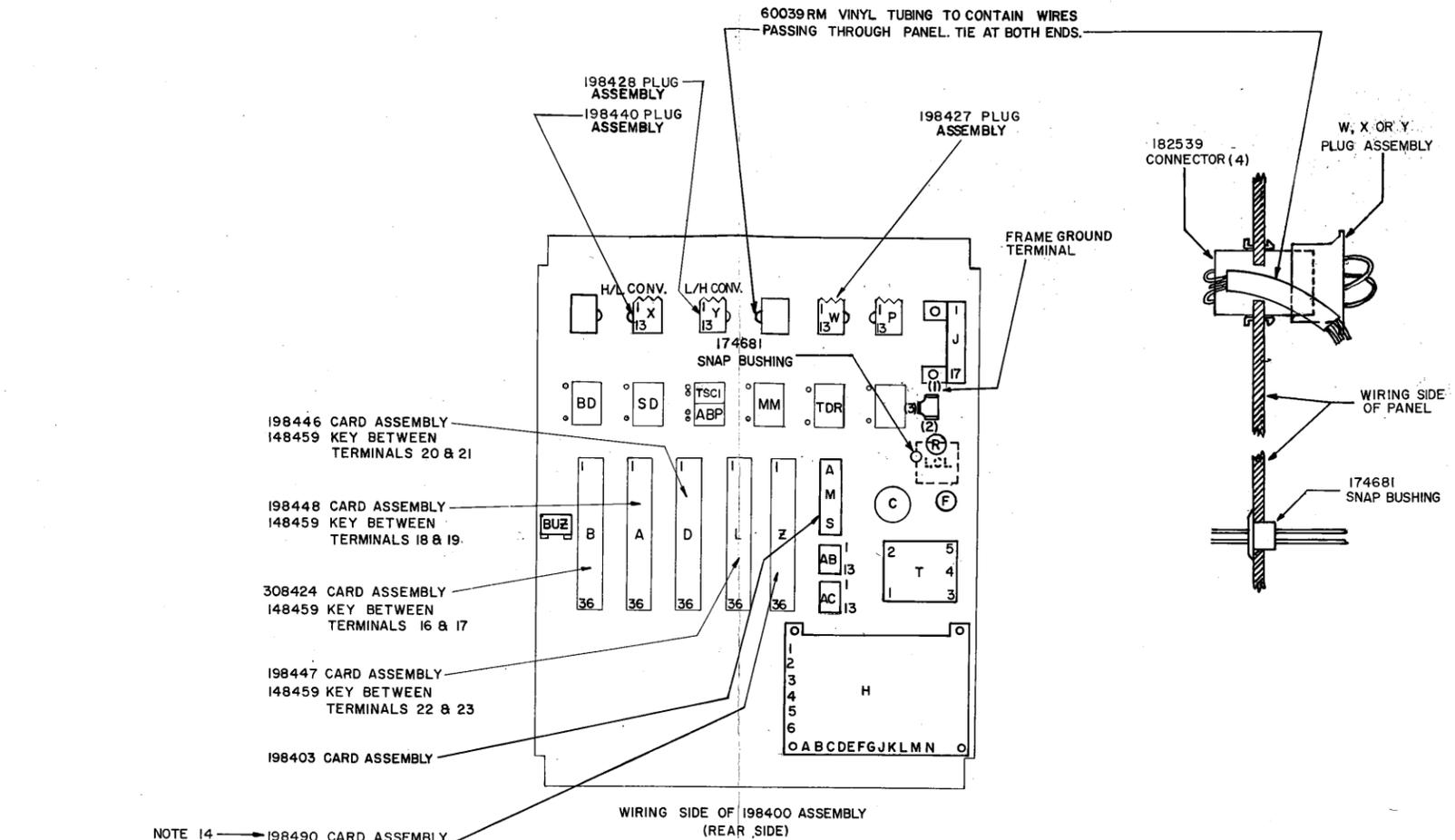
6471WD-B10

NO.	NOTES
1.	* - 20GA. WIRE (STRANDED).
2.	# - 24 GA. WIRE (STRANDED).
3.	▽ - 173715 TERMINAL, MALE
4.	⊞ - 192007 TERMINAL, FEMALE
5.	
6.	○ - 182644 TERMINAL, FEMALE
7.	⊥ - 182643 TERMINAL, MALE
8.	
9.	(+) INDICATES POSITIVE POLARITY (-) INDICATES NEGATIVE POLARITY
10.	⊗ 181392 TERMINAL, FEMALE
11.	TERMINAL DESIGNATIONS ENCLOSED IN PARENTHESIS ARE NOT MARKED ON COMPONENT.
12.	ALL VOLTAGES DC UNLESS OTHERWISE SPECIFIED.
13.	ALL SURFACE WIRE 24AWG, GREEN 31784RM UNLESS OTHERWISE SPECIFIED.
14.	198490 CARD ASSEMBLY AND 148459 KEY USED ON FULL DUPLEX OPERATION ONLY.

6471WD-WI

REVISIONS

ISSUE	DATE	AUTH. NO.
2	9-14-64	82606
3	1-25-65	84484
4	2-2-65	85516
5	5-17-65	85528
6	10-11-65	88901



SCHEMATIC 6471WD-B1-6

WIRING LIST
198400
STATION CONTROLLER
(STACO)

BAI AND 8BI DATA
SELECTIVE
CALLING SYSTEM

APPROVALS

D AND R <i>HAK 3/20/64</i>	E OF M <i>[Signature]</i>
-------------------------------	------------------------------

E-NUMBER

PROD. NO. 6471WD-WI

DATE 6-22-63

P.D. FILE NO. 43-A25AA

DRAWN V.E.S.

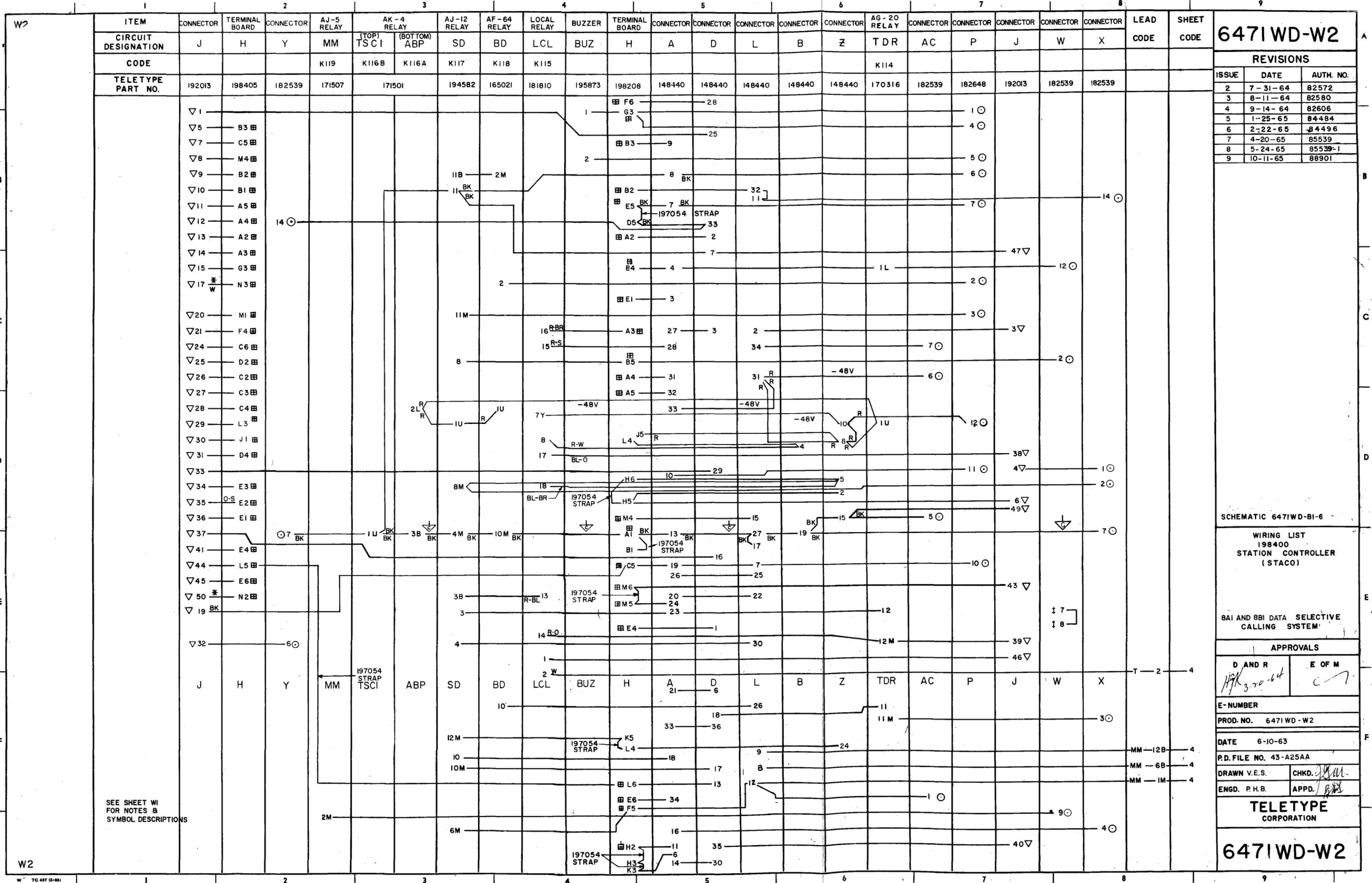
CHKD. *[Signature]*

ENGD. P.H.B.

APPD. *[Signature]*

TELETYPE
CORPORATION

6471WD-WI



6471WD-W2

REVISIONS		
ISSUE	DATE	AUTH. NO.
2	7-31-64	82572
3	8-11-64	82580
4	9-14-64	82606
5	1-25-65	84484
6	2-22-65	84496
7	4-20-65	85539
8	5-24-65	85539-1
9	10-11-65	88901

SCHEMATIC 6471WD-BI-6
 WIRING LIST
 198400
 STATION CONTROLLER
 (STACO)

BAI AND BBI DATA SELECTIVE
 CALLING SYSTEM

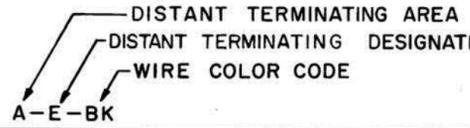
APPROVALS
 D AND R: *[Signature]*
 E OF M: *[Signature]*

E-NUMBER
 PROD. NO. 6471WD-W2
 DATE 6-10-63
 P.D. FILE NO. 43-A25AA
 DRAWN V.E.S. CHKD. *[Signature]*
 ENGD. P.H.B. APPD. *[Signature]*

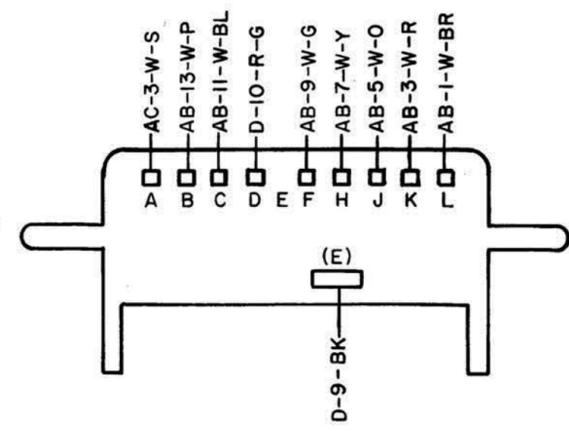
TELETYPE
 CORPORATION
 6471WD-W2

SEE SHEET W1
 FOR NOTES &
 SYMBOL DESCRIPTIONS

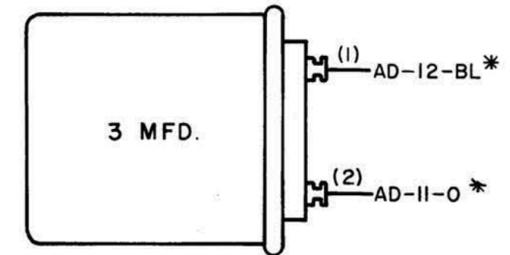
W2

NO	NOTES																																								
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O	ORANGE	R-Y	RED-YELLOW																																						
BL	BLUE	W-BL	WHITE-BLUE																																						
Y	YELLOW	Y-G	YELLOW-GREEN																																						
BK	BLACK	BK-Y	BLACK-YELLOW																																						
P	PURPLE	W-P	WHITE-PURPLE																																						
G	GREEN	BK-BR	BLACK-BROWN																																						
R	RED	W-R	WHITE-RED																																						
S	SLATE	W-S	WHITE-SLATE																																						
BR	BROWN	W-BR	WHITE-BROWN																																						
W	WHITE																																								
2.	WIRING LEGEND:  A-E-BK																																								
3.	ASSOCIATED CABLE ASSEMBLY 198402.																																								
4.	TERMINAL DESIGNATIONS ENCLOSED IN PARENTHESIS ARE NOT MARKED ON COMPONENTS.																																								
5.	* ASTERISK INDICATES 18GA. WIRE, ALL OTHER WIRE 24 GA.																																								

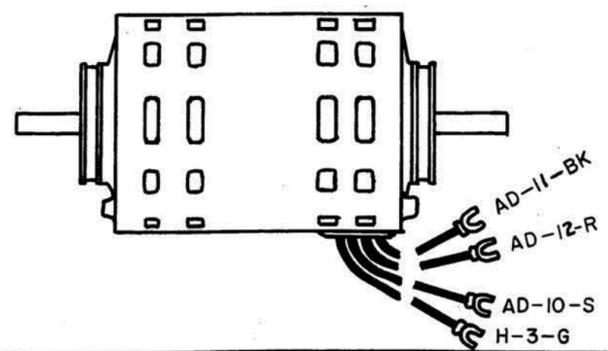
A
CONTACT BLOCK



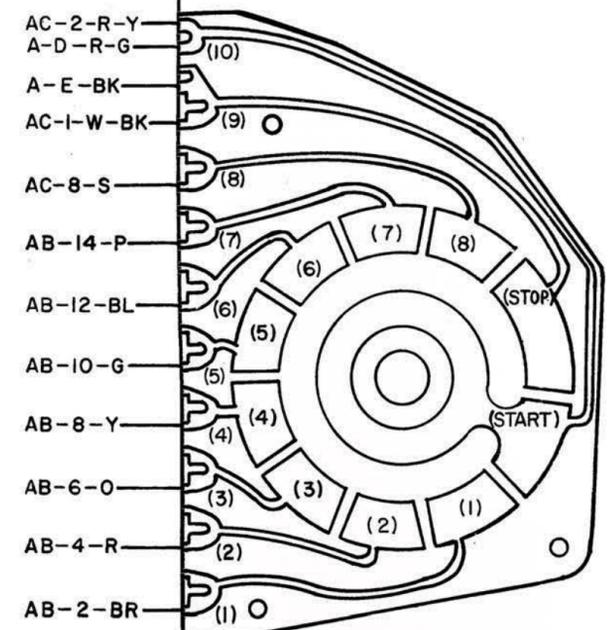
B
192019 CAPACITOR



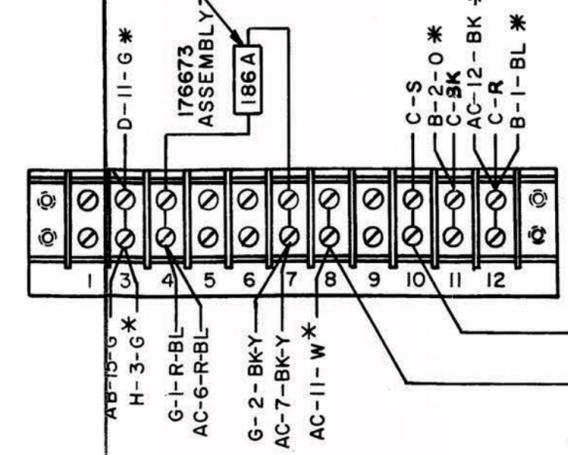
C
192120 MOTOR



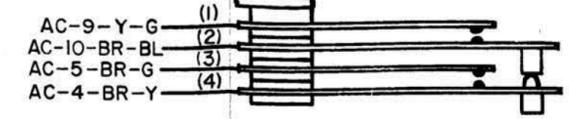
D
80987 DISTRIBUTOR DISC



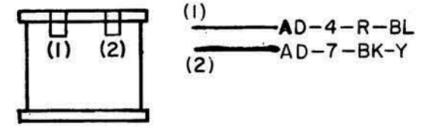
AD
111289 TERMINAL BLOCK



F
192225 CONTACT ASSY.



G
247 M MAGNET

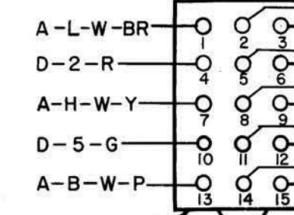


H
116783 FUSE HOLDER



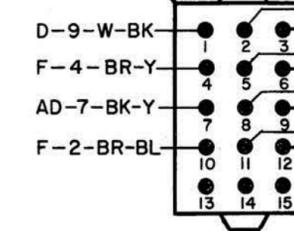
121426 WIRE ASSEMBLY (2 PLS.)

AB
182540 CONN 182644 FEMAL TERMINALS

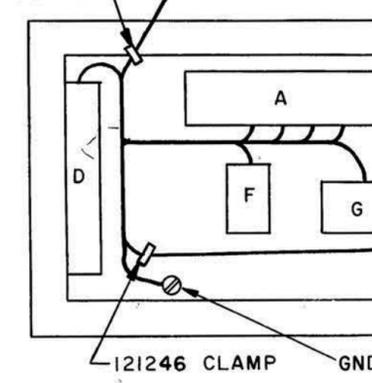


PART OF 198402 CABLE ASSEMBLY

AC
182540 CONN 182643 MAL TERMINALS



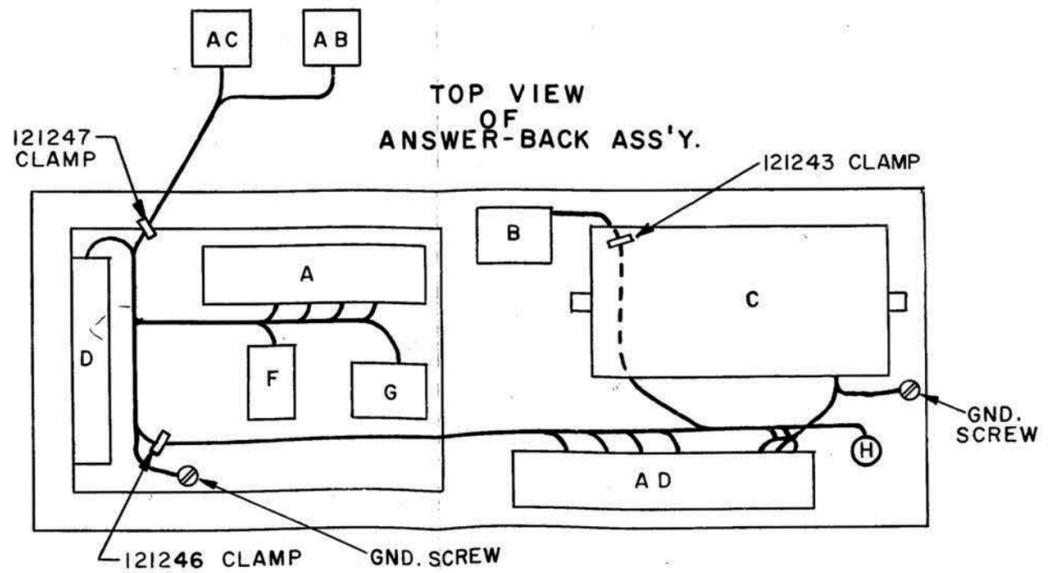
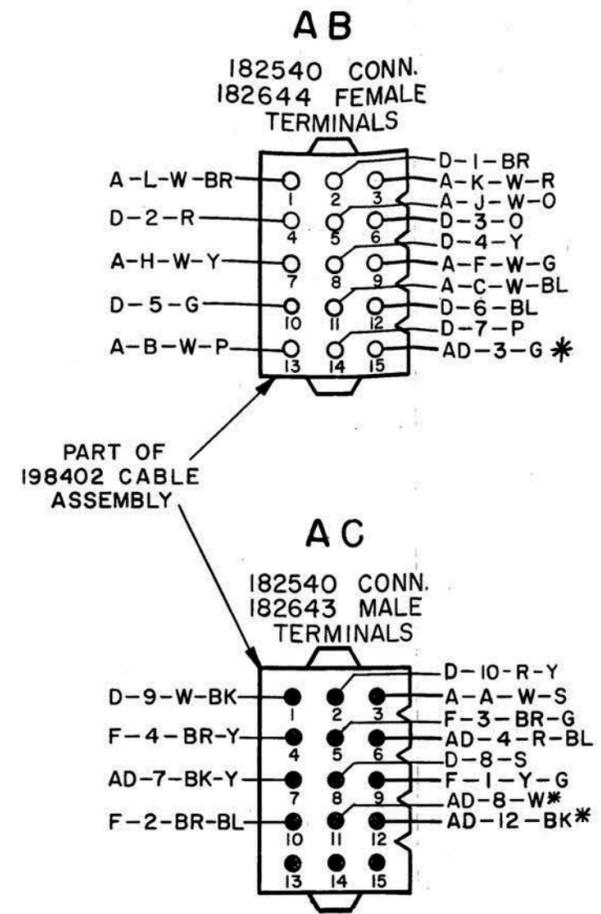
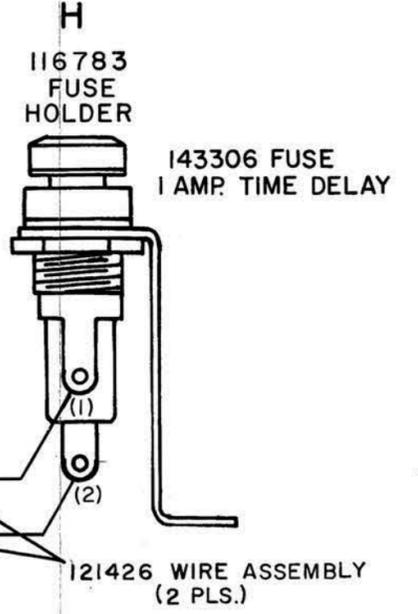
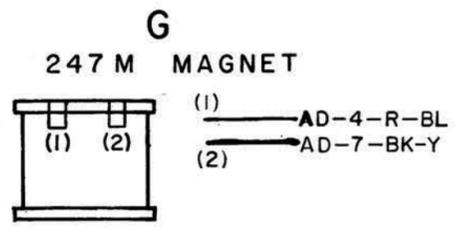
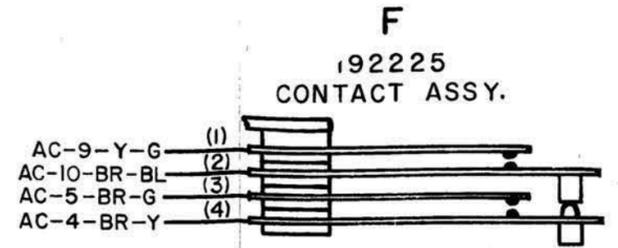
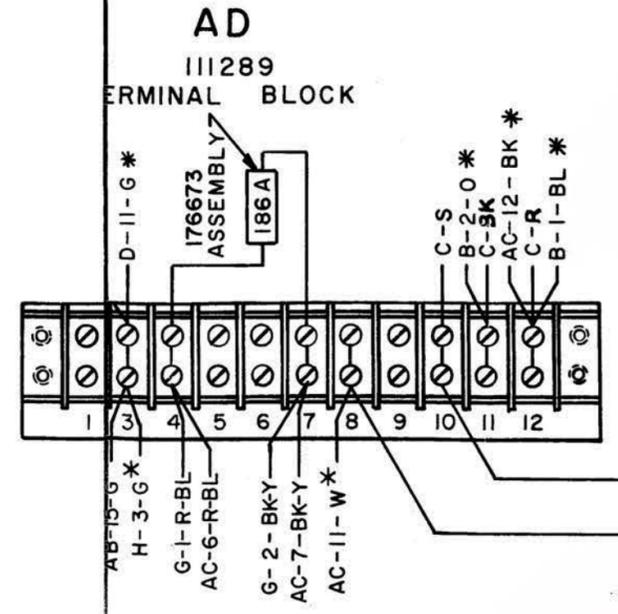
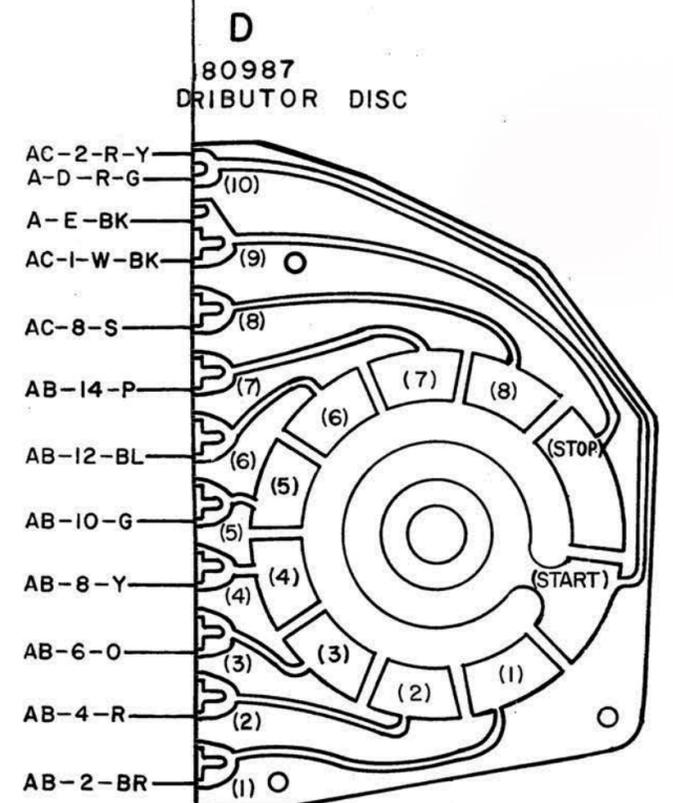
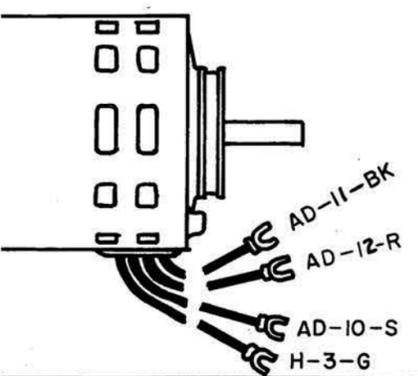
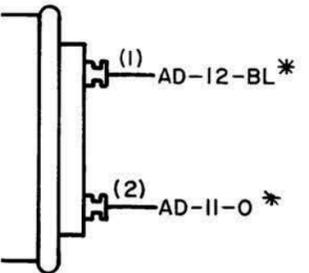
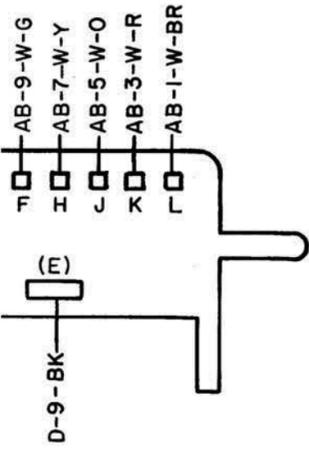
121247 CLAMP



6472 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
2	1-21-65	85512
3	11-2-65	88829



SCHEMATIC 6471WD-BI-B5

ACTUAL WIRING
DIAGRAM
198401
ANSWER - BACK
ASSEMBLY
(SELF - CONTAINED)

APPROVALS

D AND R E OF M

E-NUMBER

PROD. NO. 6472 WD

DATE: 6-7-63

PD. FILE NO. 43-A25AA

DRAWN. RGK CHKD.

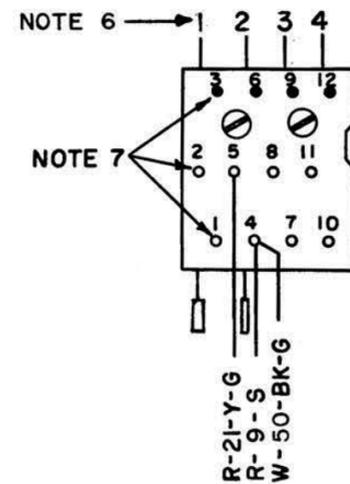
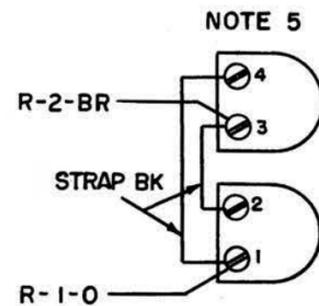
ENGD. PHB APPD.

TELETYPE CORPORATION

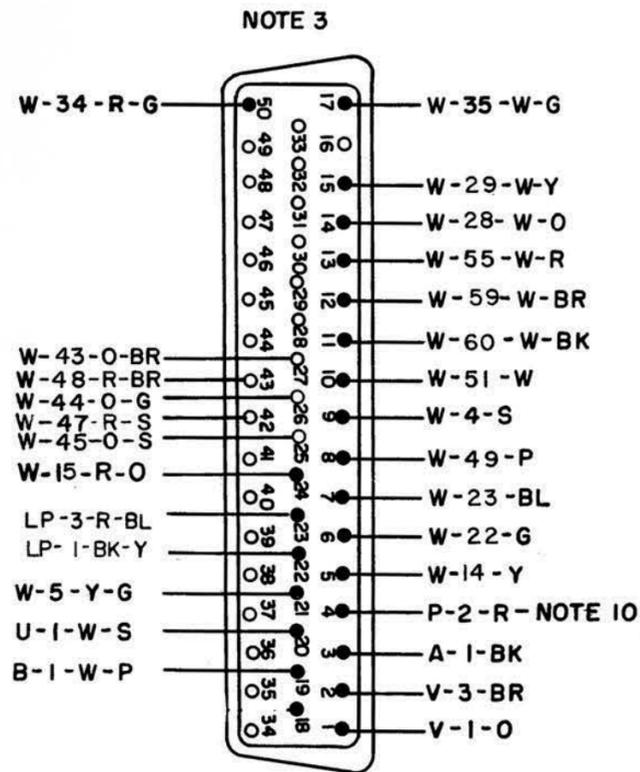
6472 WD

NO	NOTE										
1	<p>WIRING LEGEND</p> <p>W-56-W-G</p>										
2	<p>COLOR CODE:</p> <table border="0"> <tr> <td>BK- BLACK</td> <td>Y- YELLOW</td> </tr> <tr> <td>BR- BROWN</td> <td>P- PURPLE</td> </tr> <tr> <td>BL- BLUE</td> <td>O- ORANGE</td> </tr> <tr> <td>S - SLATE</td> <td>G - GREEN</td> </tr> <tr> <td>R - RED</td> <td>W- WHITE</td> </tr> </table>	BK- BLACK	Y- YELLOW	BR- BROWN	P- PURPLE	BL- BLUE	O- ORANGE	S - SLATE	G - GREEN	R - RED	W- WHITE
BK- BLACK	Y- YELLOW										
BR- BROWN	P- PURPLE										
BL- BLUE	O- ORANGE										
S - SLATE	G - GREEN										
R - RED	W- WHITE										
3	CONNECTOR VIEWED FROM BOTTOM										
4	CONTACTS SHOWN UNOPERATED										
5	SELECTOR COIL WIRED FOR 500 MA OPERATION.										
6	NUMBERS AT TOP OF STUNT BOX REFER TO SLOT POSITION IN STUNT BOX										
7	UPPER ROW OF STUNT BOX CONTACTS ARE NORMALLY CLOSED. LOWER ROW OF STUNT BOX CONTACTS ARE NORMALLY OPEN. CENTRAL ROW IS THE SWINGER.										
8	ASSOCIATED CABLE ASSEMBLIES: AREA R AND V, 192484 CABLE AREA, ALL EXCEPT V, 198433 CABLE FOR SPROCKET FEED PRINTER, LP818/ATP 198444 CABLE FOR FRICTION FEED PRINTER, LP819/ATR										
9	NOT USED ON FRICTION FEED PRINTER										
10	WIRING SHOWN FOR SPROCKET FEED PRINTER. WHEN USING FRICTION FEED PRINTER, TERMINAL R-4 CONNECTS TO W-15										
11	TERMINAL DESIGNATIONS ENCLOSED IN PARENTHESIS ARE NOT MARKED ON COMPONENT.										

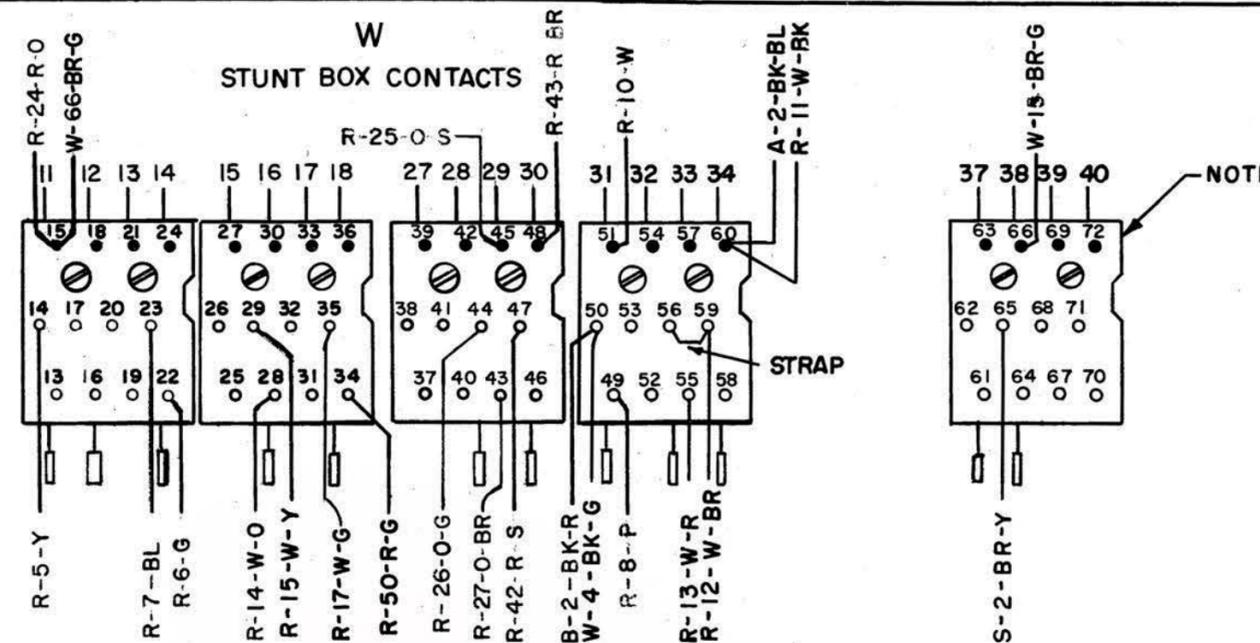
V SELECTOR MAGNET



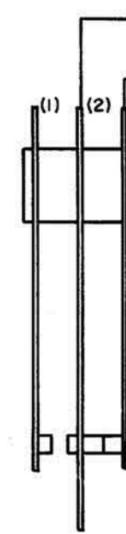
R CONNECTOR



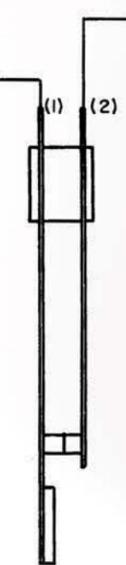
W STUNT BOX CONTACTS



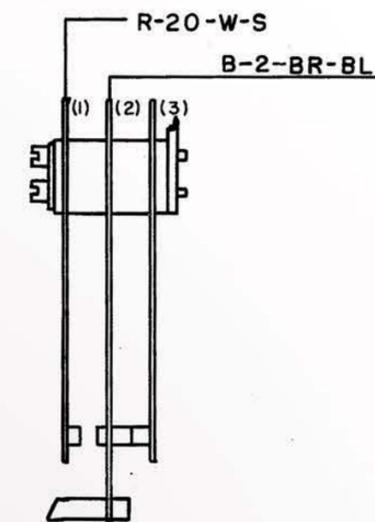
P HOR. TAB CONTACTS



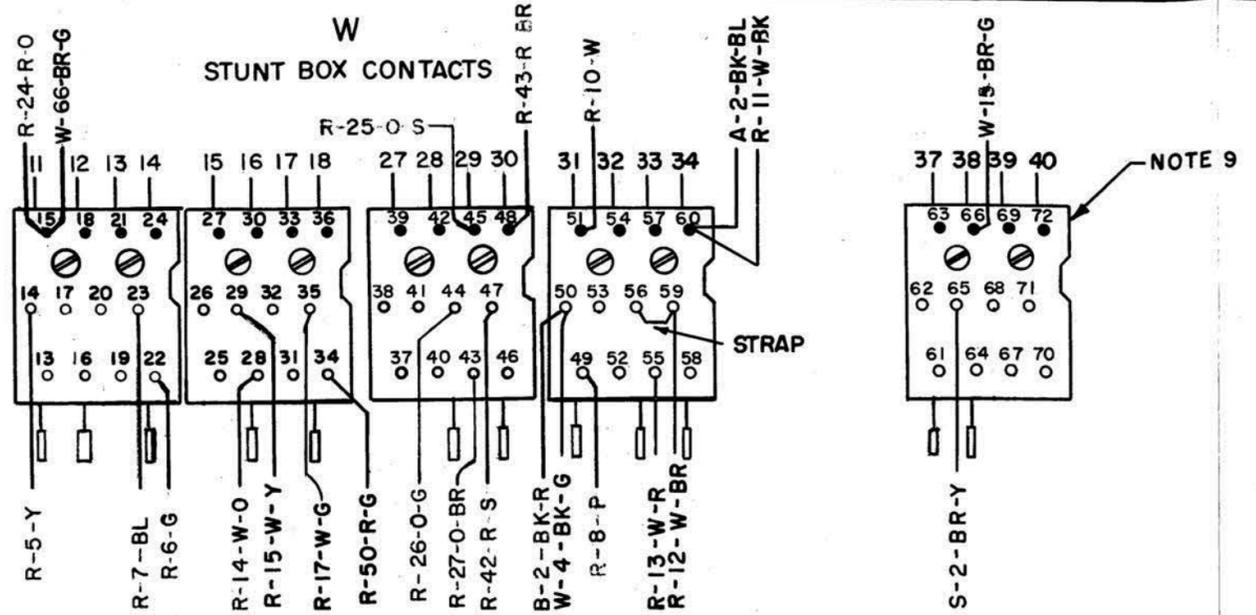
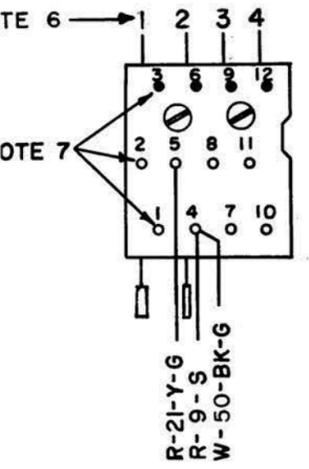
S VERT. TAB CONTACTS



U SELECTOR TIMING CONTACTS

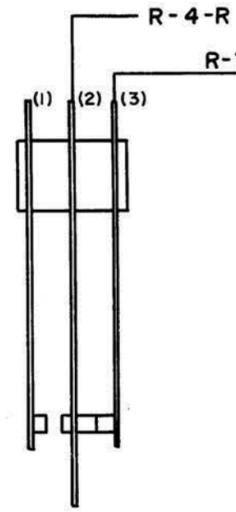


6474WD		
REVISIONS		
ISSUE	DATE	AUTH. NO.
2	2-8-65	85520
3	2-19-65	85526
4	5-17-65	85528

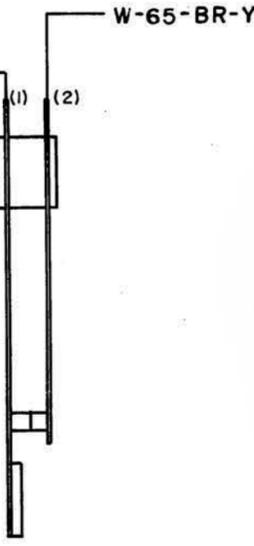


V-G
W-Y
V-O
W-R
W-BR
W-BK
N
P
BL
G
- NOTE 10

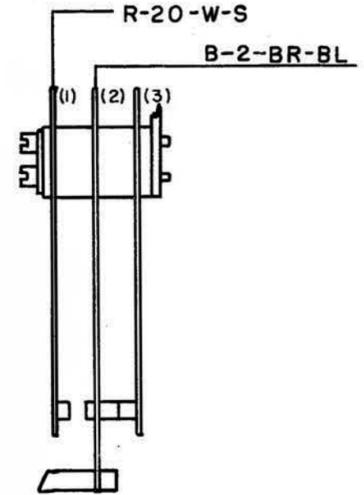
P
HOR. TAB CONTACTS
NOTE 9



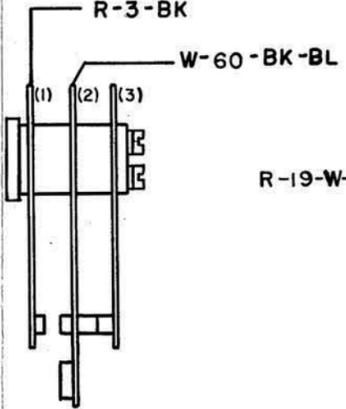
S
VERT. TAB CONTACTS
NOTE 9



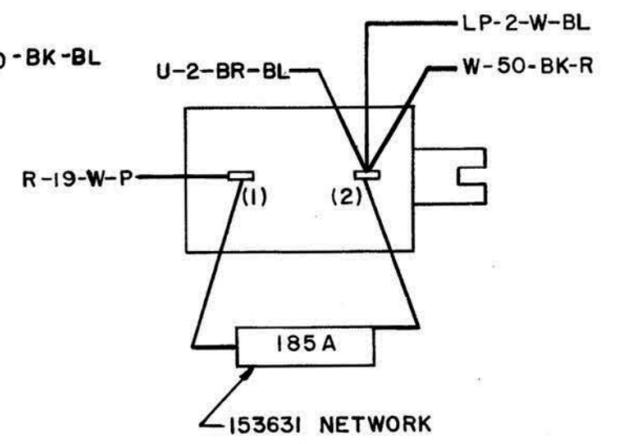
U
SELECTOR TIMING CONTACTS



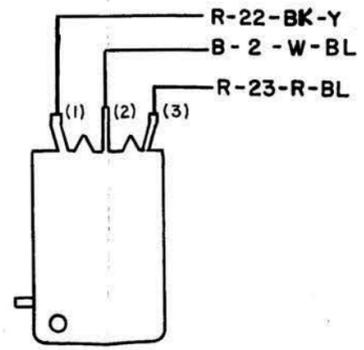
A
SOLENOID CONTACTS



B
SOLENOID



LP
LOW PAPER CONTACT



SCHEMATIC 6471WD-BI-B6

ACTUAL WIRING DIAGRAM FOR MODEL 35 TYPING UNIT LP 818 LP 819 STUNT BOX ATR

APPROVALS

D AND R	E OF M
---------	--------

E-NUMBER

PROD. NO 6474 WD

DATE 6-25-63

R.D. FILE NO 43-A25AA

DRAWN CG CHKD

ENG. PHB APPD.

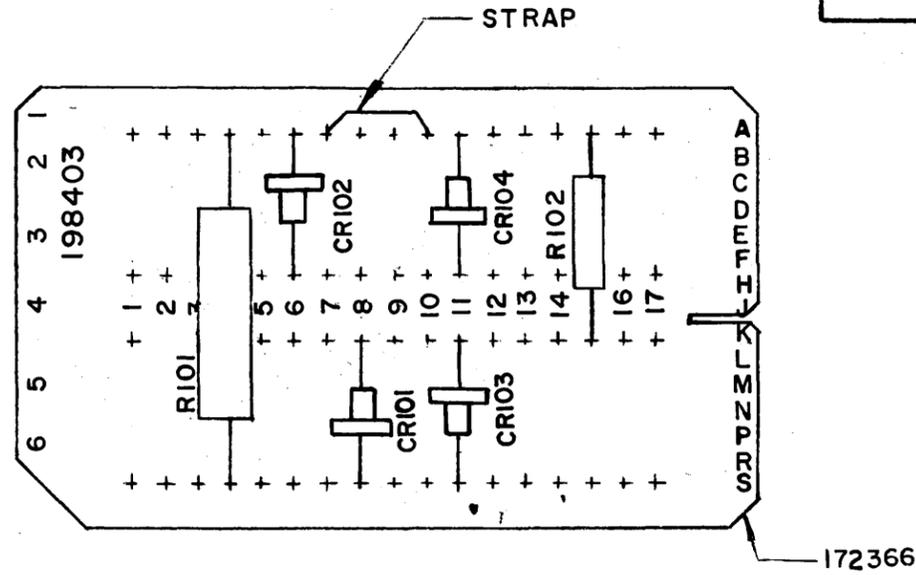
TELETYPE CORPORATION

6474WD

198403

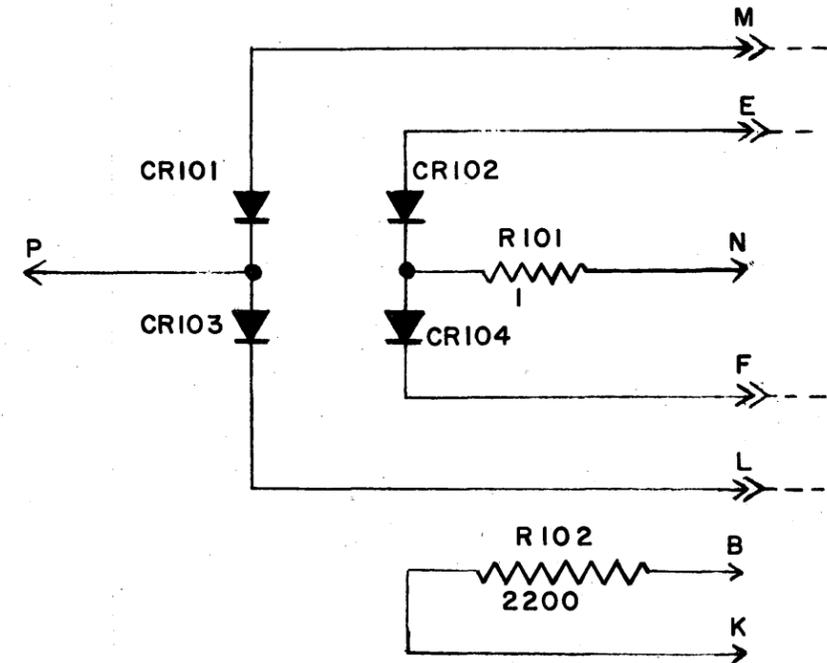
CIRCUIT CARD

198403



NOTE:
REFER TO 5016WD FOR MARKING
INFORMATION

REF. DESIGN.	TELETYPE PART NO.	TOTAL QTY.	NAME AND DESCRIPTION	LOCATING FUNCTION
R101	171463	1	RESISTOR 1Ω 7W	
CR101	171609	4	DIODE (SILICONI218)	
CR102			" " "	
CR103			" " "	
CR104			" " "	
R102	118213	1	RESISTOR 2200Ω 2W	
	172366	1	CARD, ETCHED	
		1	STRAP 24 AWG BARE	



NOTE:
CARD CONNECTIONS ARE REPRESENTED BY LETTERS
TEST POINTS ARE REPRESENTED BY NUMBERS

REVISIONS

ISSUE	DATE	AUTH. NO.
2	2-3-64	79317
3	1-7-65	83745
4	10-11-65	88901

USED ON	NO. REQ.
198400	1

8AI AND 8BI DATA
SELECTIVE CALLING
SYSTEM

APPROVALS

D AND R E OF M
HJK *12/10/63*

E-NUMBER

PROD. NO. 198403

DATE: 5-29-63

P.D. FILE NO. 43-A25AA

DRAWN *R.L.W.* CHKD *[Signature]*

ENG'D *P.H.B.* APP'D *[Signature]*

TELETYPE CORPORATION

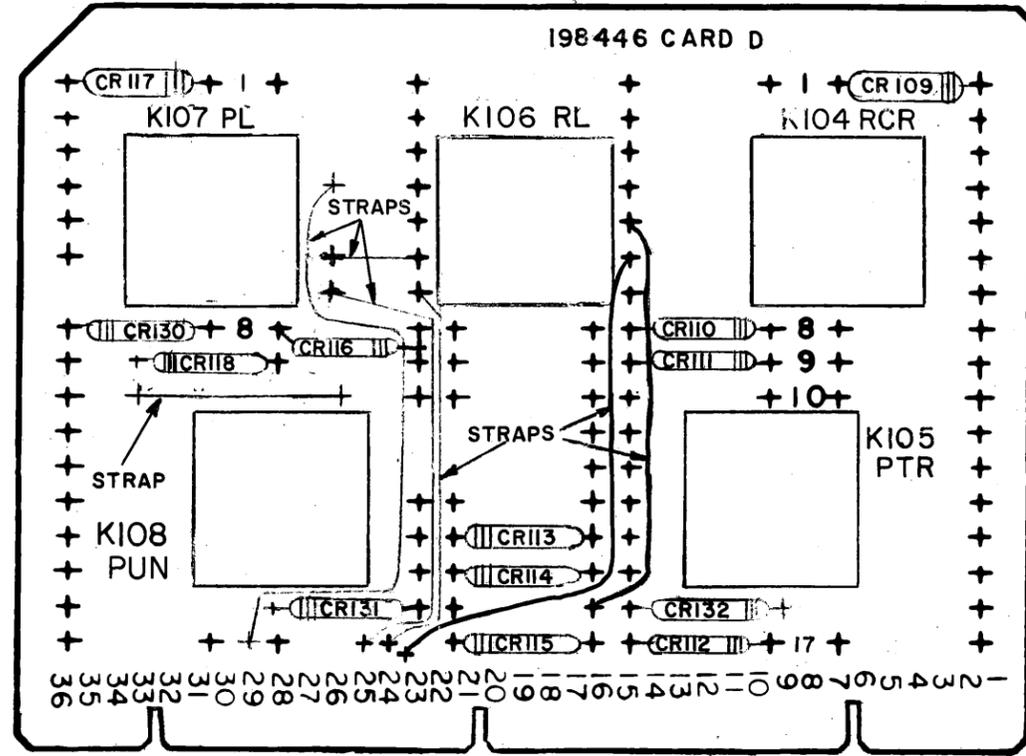
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CIRCUIT CARD

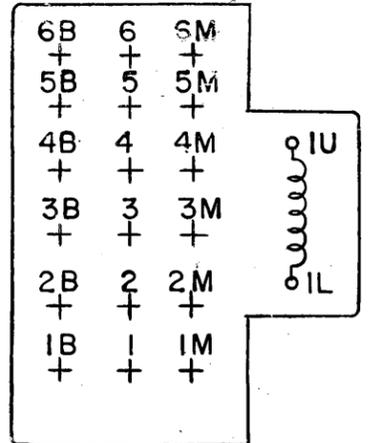
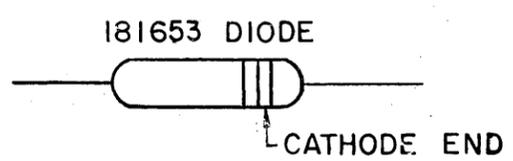
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REVISIONS		
ISSUE	DATE	AUTH NO.
2	1-6-64	79294
3	2-6-64	79316
4	7-31-64	82572
5	10-28-64	83718
6	8-23-65	88696
7	10-11-65	88901

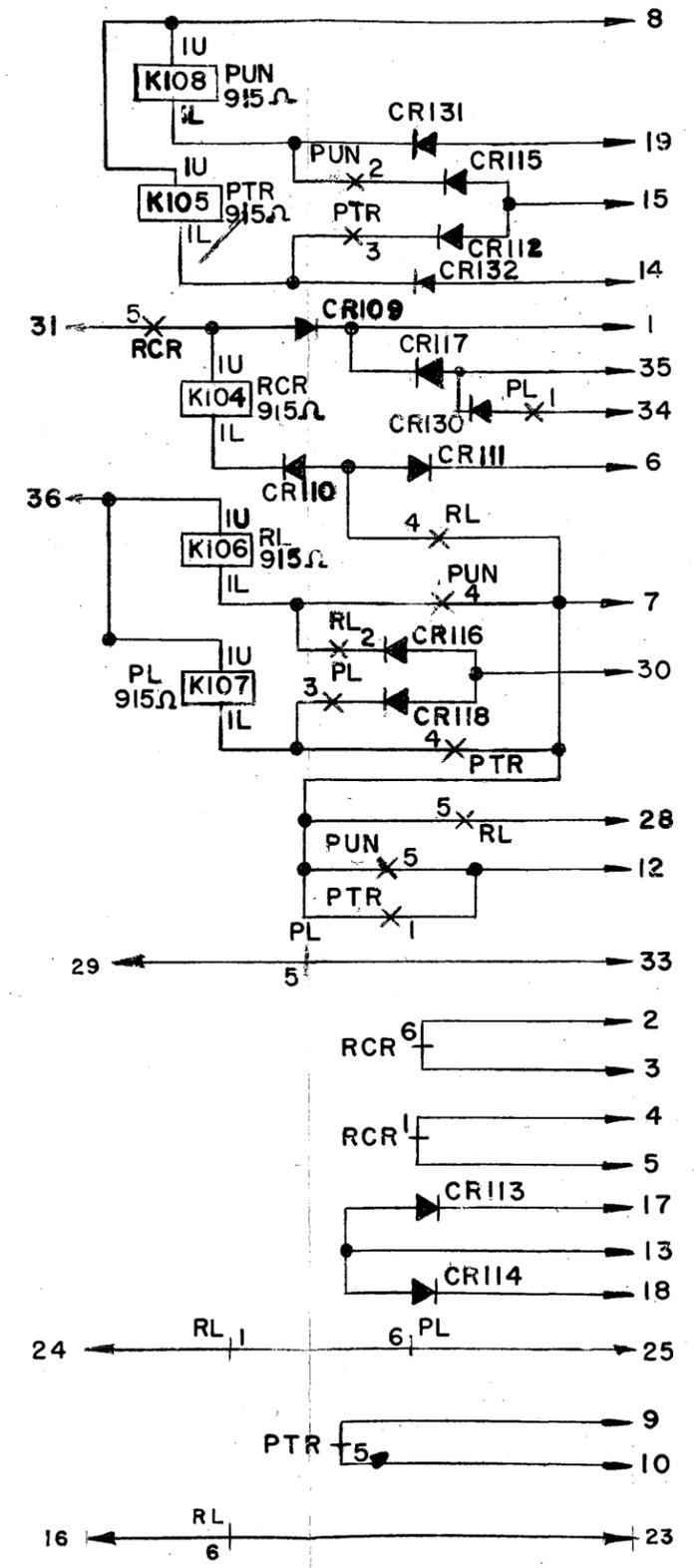
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NOTE REFER TO 6475 WD FOR DRILLING AND SPECIAL MARKING INFORMATION
REFER TO 6050 WD FOR BASIC MARKING INFORMATION



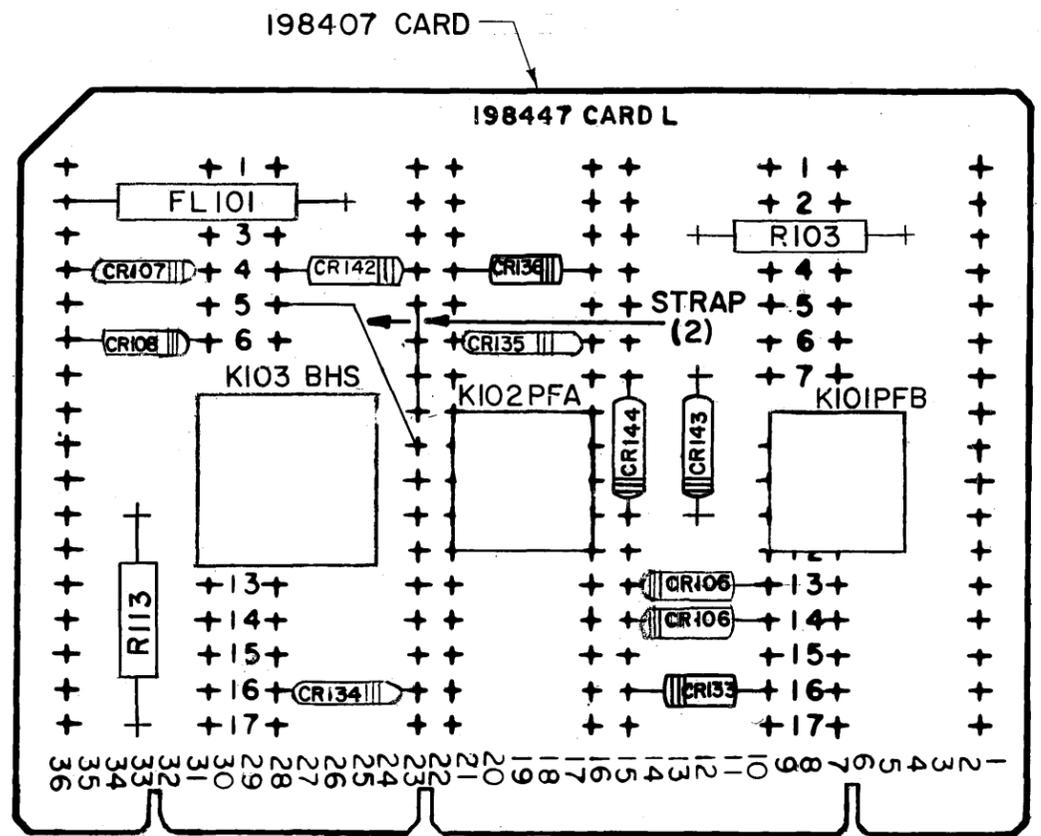
REAR VIEW
TYPICAL RELAY



CIRCUIT CARD

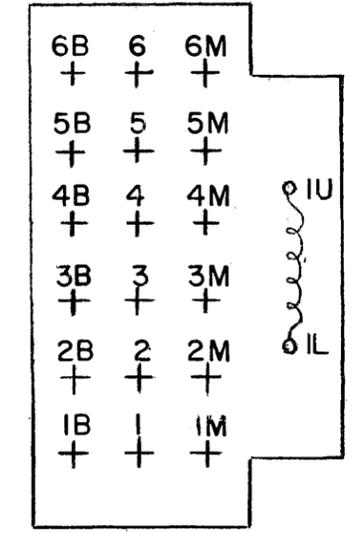
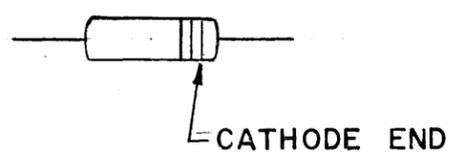
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REVISIONS		
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3	1-22-64	79304
4	11-10-64	83721
5	1-21-65	85512
6	2-15-65	85518
7	9-9-65	87498-3
8	9-25-65	85552
9	10-11-65	88901

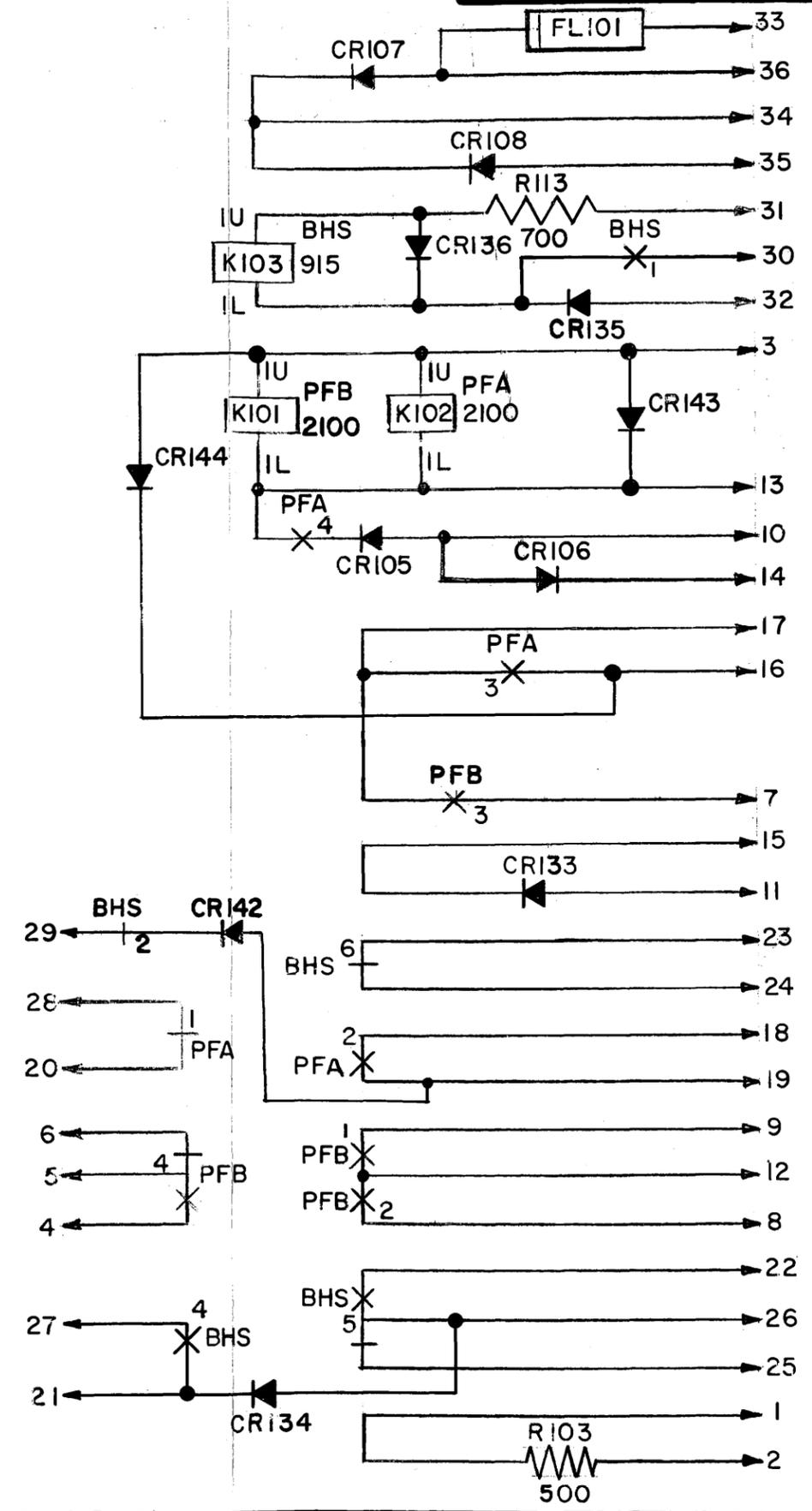


NOTE REFER TO 6476 WD FOR DRILLING AND SPECIAL MARKING INFORMATION
REFER TO 6050 WD FOR BASIC MARKING INFORMATION

181654 DIODE
181653 DIODE



REAR VIEW
TYPICAL RELAY



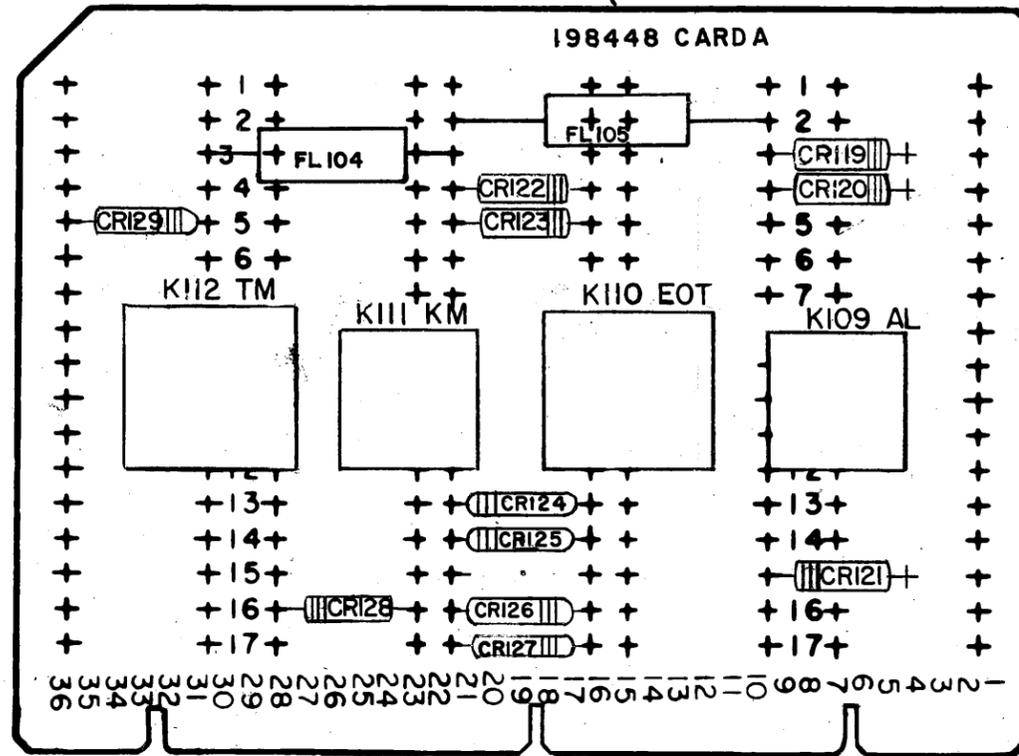
CIRCUIT CARD

198448

REVISIONS

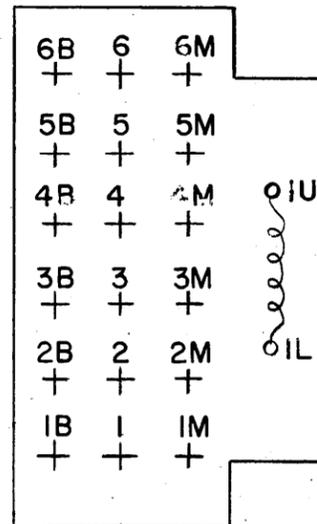
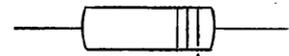
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3	1-22-64	79304
4	2-15-65	85518
5	9-9-65	87498-3
6	10-11-65	88901

198408 CARD

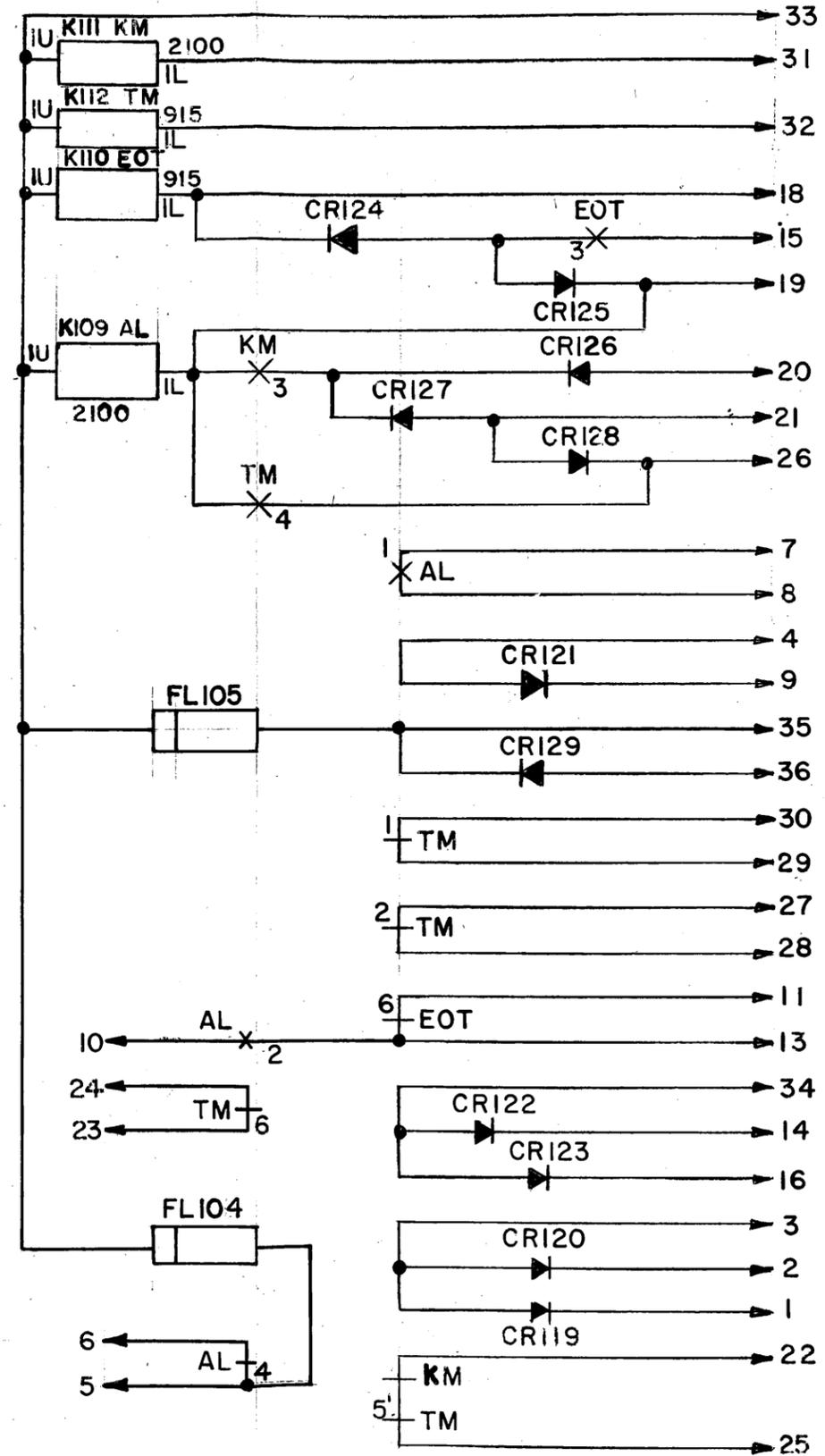


NOTE REFER TO 6477 WD FOR DRILLING AND SPECIAL MARKING INFORMATION
REFER TO 6050 WD FOR BASIC MARKING INFORMATION

181654 DIODE
181653 DIODE



REAR VIEW
TYPICAL RELAY

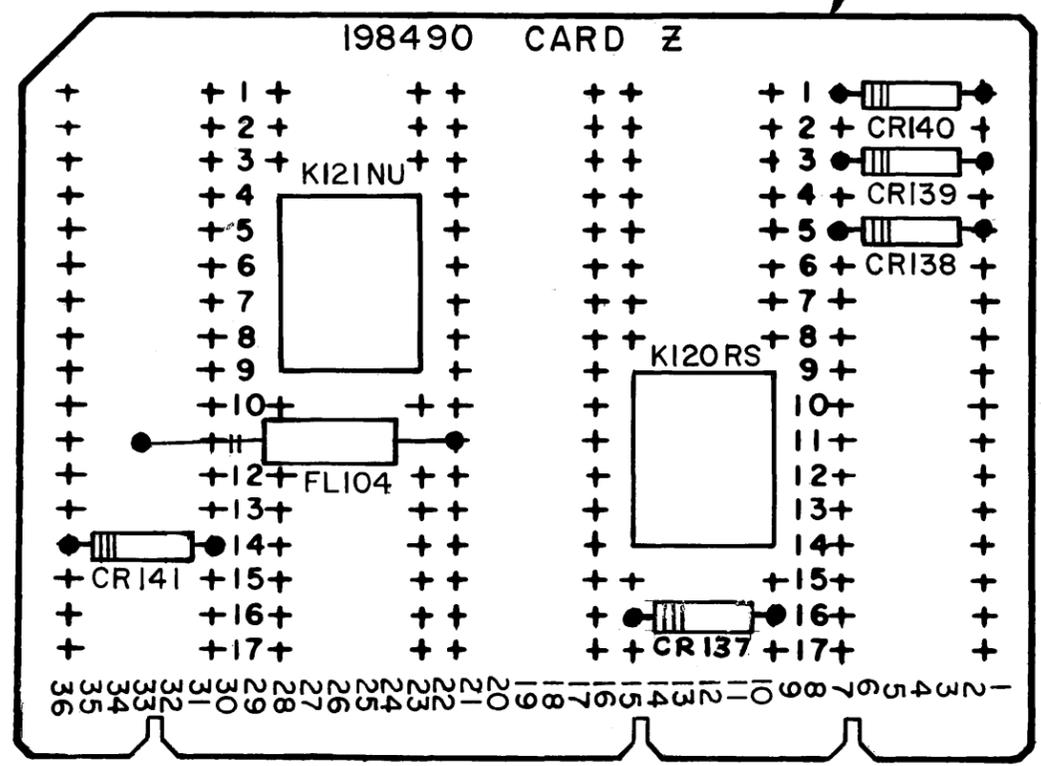


CIRCUIT BOARD

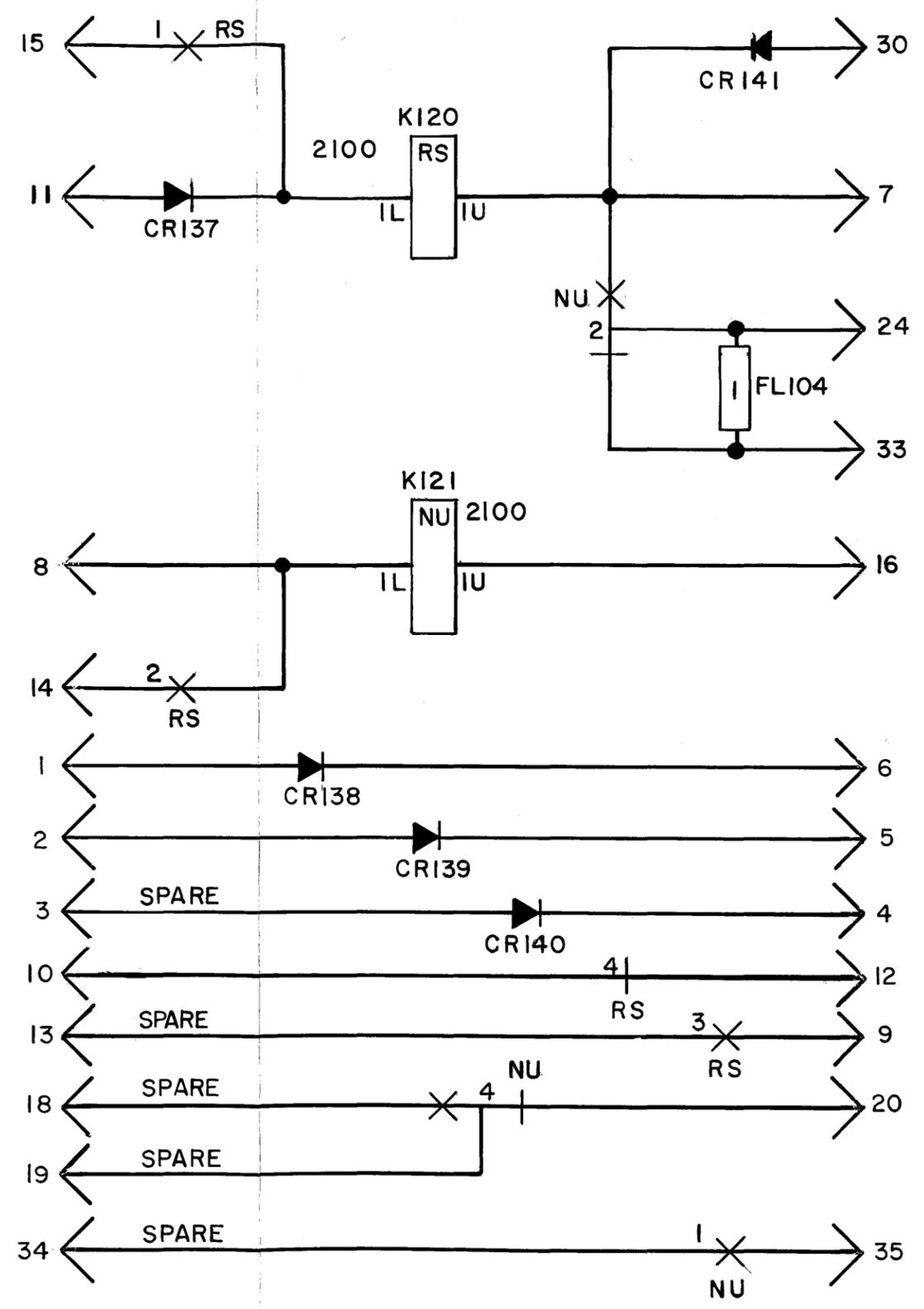
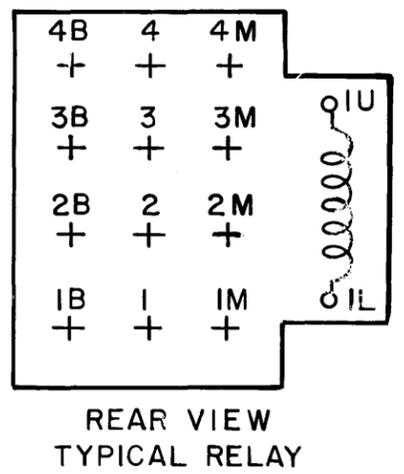
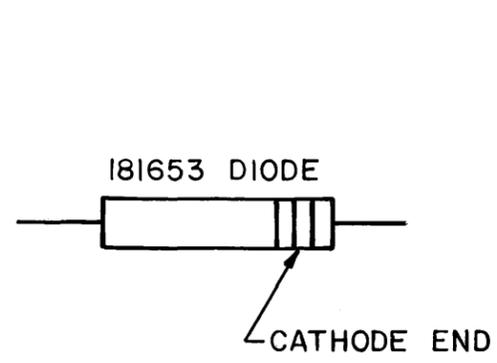
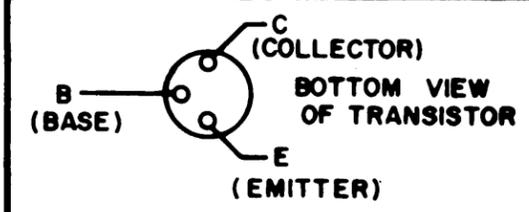
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REVISIONS		
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3	9-9-65	874983
4	10-11-65	88901

19849i BOARD

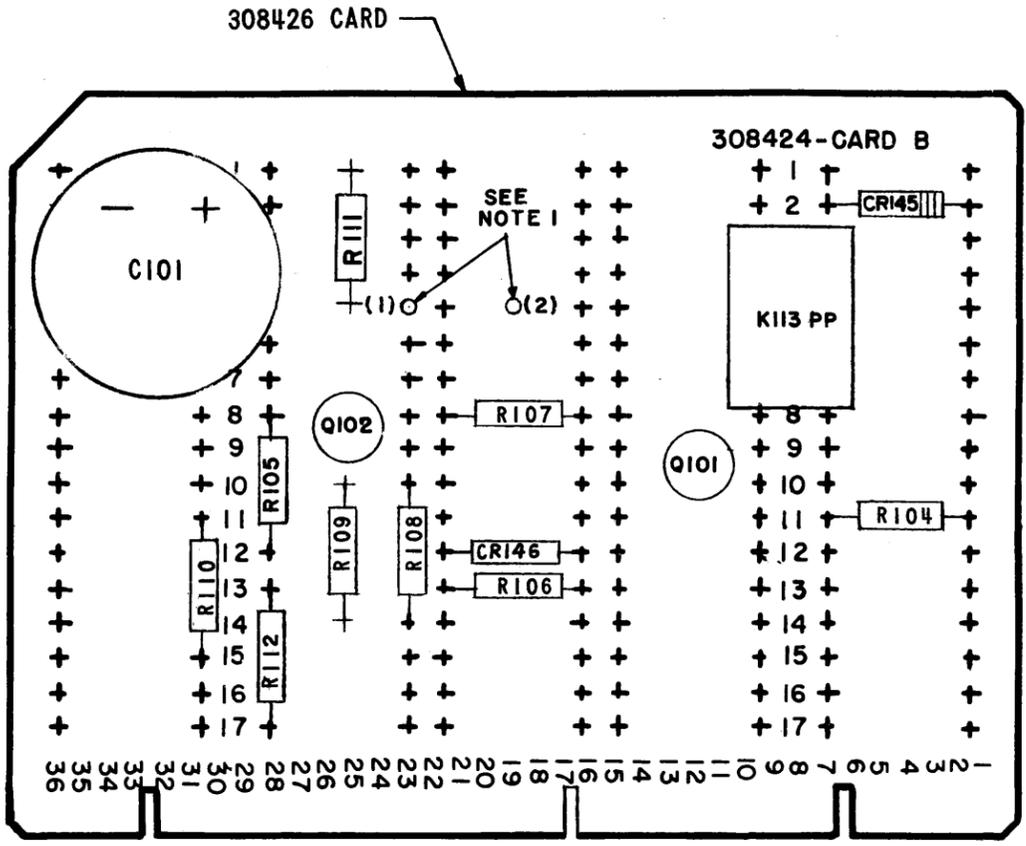


NOTE
REFER TO 6050 WD FOR BASIC MARKING INFORMATION

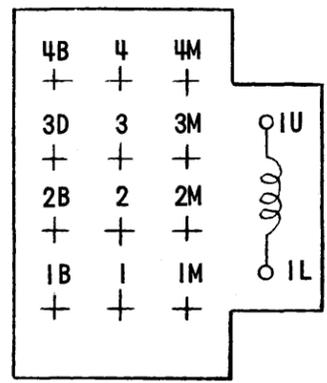
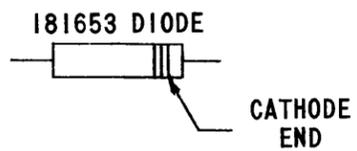
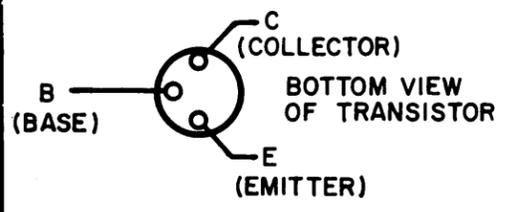


CIRCUIT BOARD ASSEMBLY

308424



NOTE
REFER TO 6050WD FOR BASIC MARKING INFORMATION



NOTES:
1. NORMALLY 60 SEC. TIMER, STRAP IS OUT BETWEEN POSTS (1) & (2);
FOR 8 SEC. TIMER, ADD STRAP BETWEEN POSTS (1) & (2).

8 OR 60 SECOND TIMER

THIS CIRCUIT WILL PROVIDE A "MAKE" CONTACT OUTPUT EITHER 8 OR 60 SECONDS (SEE NOTE 1) AFTER A REMOTE UNIVERSAL PRINTER CONTACT CEASES TO CLOSE. (TIMING APPROXIMATE)

MOMENTARY CLOSURE OF THE UNIVERSAL CONTACT DURING A PRINTER CHARACTER CYCLE CHARGES CAPACITOR C101 TO 48 VOLTS. WHEN THE CONTACT REMAINS OPEN, THE CAPACITOR DISCHARGES TURNING ON TRANSISTOR Q102 WHICH DRIVES TRANSISTOR Q101 ENERGIZING RELAY K113. K113 WILL REMAIN ENERGIZED AS LONG AS THE UNIVERSAL CONTACT REMAINS OPEN. CLOSURE OF THE CONTACT RE-CHARGES THE CAPACITOR AND SHUTS OFF TRANSISTORS Q102 AND Q101.

INPUT:

PIN 4: VOLTAGE REQUIREMENT -48V DC + 10%
CURRENT REQUIREMENT - NORMALLY BETWEEN 9 ma AND 40 ma - SURGES OF UP TO 600 ma FOR A DURATION OF 10 ms.

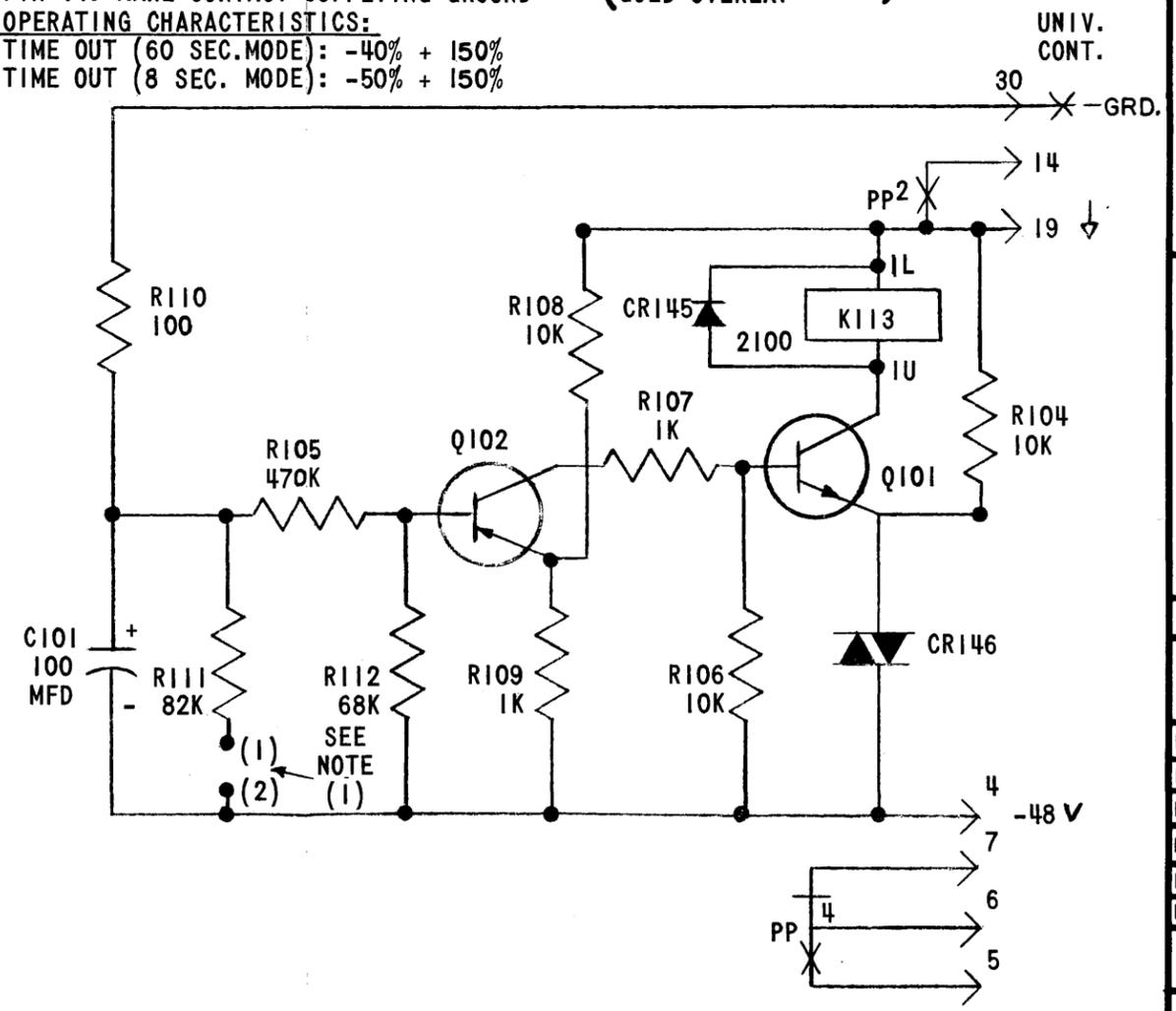
PIN 19: GROUND FOR - 48V DC

PIN 30: DRY CONTACT TO GROUND - A MAXIMUM OF 600 ma THROUGH THE CONTACT- CONTACT MAY EXHIBIT UP TO A 10 VOLT DROP.

OUTPUT:

PIN 5,6 & 7: TRANSFER CONTACT (PALLADIUM CONTACTS, GOLD OVERLAY)
PIN 14: MAKE CONTACT SUPPLYING GROUND (GOLD OVERLAY)

OPERATING CHARACTERISTICS:
TIME OUT (60 SEC. MODE): -40% + 150%
TIME OUT (8 SEC. MODE): -50% + 150%



REVISIONS

ISSUE	DATE	AUTH. NO.
1	5-17-65	16959-F
2	7-26-65	85548
3	10-11-65	88901
4	10-11-65	88902

APPROVALS

D AND R	E OF M
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E-NUMBER

PROD. NO.	308424
DATE	4-22-65
P.D. FILE NO.	43-A25AA
DRAWNRWD	CHKD.
ENGD. DAB	APPD.

TELETYPE CORPORATION
308424

