

0967-LP-972-7030 0967-972-7030

BULLETIN 270B, VOL. 3

NAVSHIPS 93788

31W4-4-5-173



TECHNICAL MANUAL

MODEL 28

PAGE PRINTER SETS

AND

AUTOMATIC SEND-RECEIVE SET

WIRING DIAGRAMS

35/  
36



**TELETYPE<sup>®</sup>**

**CORPORATION**

5555 TOUHY AVENUE, SKOKIE, ILLINOIS

0967-LP-972-7030

TEMPORARY CORRECTION T-1 TO TECHNICAL MANUAL

MODEL 28 PAGE PRINTER SETS AND AUTOMATIC SEND-RECEIVE SETS

WIRING DIAGRAMS

Insert this temporary correction in the technical manual immediately after the front cover.

The following sixteen wiring diagrams are being added to the manual:

| WIRING DIAGRAMS | ISSUE | WIRING DIAGRAMS | ISSUE | WIRING DIAGRAMS | ISSUE |
|-----------------|-------|-----------------|-------|-----------------|-------|
| 3214WD          | 43    | 7529WD, SHEET 1 | -     | 7538WD, SHEET 1 | 2     |
| 3637WD          | 3     | 7529WD, SHEET 2 | 2     | 7538WD, SHEET 2 | 2     |
| 4350WD          | 3     | 7531WD          | 2     | 7538WD, SHEET 3 | 1     |
| 7488WD          | 2     | 7532 WD         | 2     | 7556WD          | 1     |
| 7489WD          | 1     | 7533WD          | 3     |                 |       |
| 7528WD          | 2     | 7537WD          | 2     |                 |       |

| UNIT                        | TELETYPE CODE | WIRING DIAGRAM |           |
|-----------------------------|---------------|----------------|-----------|
|                             |               | ACTUAL         | SCHEMATIC |
| Automatic Send-Receive Set  | ASR           |                | 7538WD    |
| Base Assembly               | 310088        | 7556WD         |           |
| Cabinet                     | LBAC261BR     | 7531WD         | 7532WD    |
| Cable Assembly              | 173446        | 4350WD         |           |
| Electrical Service Assembly | 310083        | 7533WD         |           |
| Electrical Service Assembly | 310174BR      | 7528WD         |           |
| Electrical Service Assembly | 310183        | 7537WD         |           |
| Printer Set                 | KSR           |                | 7529WD    |
| Rectifier Assembly          | 162361        |                | 3637WD    |
| Typing Unit                 | LP109RN/AY    | 3214WD         |           |
| Voltage Input Selector      |               |                |           |
| Magnet Driver               | 309863        | 7488WD         | 7489WD    |

The above list indicates the effective wiring diagram issues as of the date of issue. Upon receipt of revised wiring diagrams, insert them numerically and discard the superseded issues:

This temporary correction consists of page 1, and the above sixteen wiring diagrams.

This temporary correction will be superseded by "CHANGE 3" to Bulletin 270B, Vol. 3.

## BULLETIN 270B, VOL. 3

## CHANGE 2

## LIST OF EFFECTIVE ISSUES

JUNE, 1965

(Supersedes Issue Dated October, 1963)

| WIRING DIAGRAMS | ISSUE |
|-----------------|-------|
| 1543WD          | U     |
| 2900WD          | 34    |
| 3628WD          | 19    |
| 4196WD          | 5     |
| 4257WD          | A     |
| 4262WD          | 4B    |
| 4263WD          | 5C    |
| 4264WD          | 4B    |
| 4265WD          | C     |
| 4266WD          | C     |
| 4267WD          | D     |
| 4268WD          | 5     |
| 4269WD          | B     |
| 4270WD          | 5     |
| 4271WD          | 2     |
| 4272WD          | C     |
| 4273WD          | 4     |
| 4274WD          | D     |
| 4275WD          | 9     |
| 4286WD          | 2     |
| 4287WD          | 3     |
| 4288WD          | 3     |
| 4304WD          | 3     |
| 4445WD          | 11    |
| 5830WD          | E     |
| 6363WD          | 3     |
| 7087WD          | 3     |
| 7094WD          | 2     |
| 7137WD          | 2     |
| 7149WD          | 2     |
| 7154WD          | 1     |
| 7155WD          | 2     |
| 7468WD          | 2     |
| 7469WD          | 1     |
| 7470WD          | 1     |
| 7471WD          | 1     |
| 7481WD          | 1     |

The above list indicates the effective wiring diagram issues as of the date of issue. Upon receipt of revised wiring diagrams, insert them numerically and discard the superseded issues.

This volume contains the actual and schematic wiring diagrams for the various equipments covered in Volumes 1 and 2 of Bulletin 270B (NAVSHIPS 93788). The wiring diagrams are arranged in numerical sequence (see List of Effective Issues), and the Alphabetical List of Wiring Diagrams, below, is provided to facilitate locating the particular wiring diagram for any given component.

## ALPHABETICAL LIST OF WIRING DIAGRAMS

| UNIT                            | TELETYPE CODE | WIRING DIAGRAMS |           |
|---------------------------------|---------------|-----------------|-----------|
|                                 |               | ACTUAL          | SCHEMATIC |
| Base                            | LB10/000      |                 | 4269WD    |
| Base                            | 304195        | 7137WD          |           |
| Cabinet, ASR Console            | LAAC229BR     | 4267WD          |           |
| Cabinet, KSR Console            | LAC214BR255   | 4268WD          |           |
| Cabinet, Multiple KSR and RO    | LBAC255BR     | 7149WD          | 7087WD    |
| Cabinet, Rack Mounted           | LPC206BR      | 4257WD          |           |
| Electrical Service Assembly     | 173395BR      | 4270WD          |           |
|                                 |               | 4304WD          | 4269WD    |
| Electrical Service Assembly     | 173783        | 4271WD          |           |
|                                 |               | 4272WD          | 4273WD    |
| Electrical Service Assembly     | 173816BR      | 4270WD          |           |
|                                 |               | 4304WD          | 4269WD    |
| Electrical Service Assembly     | 173824        | 4271WD          |           |
|                                 |               | 4274WD          | 4275WD    |
| Electrical Service Assembly     | 304203        | 7468WD          | 7469WD    |
| Electrical Service Assembly     | 304206        | 7470WD          | 7471WD    |
| Keyboard                        | LAK21BRW      | 4263WD          |           |
| Keyboard                        | LAK33BRW      | 4263WD          |           |
| Keyboard                        | LAK47BRW      | 4263WD          |           |
| Keyboard                        | LK25BRW       | 4262WD          |           |
| Keyboard                        | LK52BRW       | 7155WD          |           |
| Keyboard                        | LK53BRW       | 4262WD          |           |
| Motor, Series                   | LMU4          | 2900WD          |           |
| Motor, Series                   | LMU14         | 2900WD          |           |
| Motor, Series                   | LMU39         | 2900WD          |           |
| Motor, Series                   | LMU41         | 2900WD          |           |
| Motor, Synchronous              | LMU3          | 2900WD          |           |
| Motor, Synchronous              | LMU12         | 2900WD          |           |
| Motor, Synchronous              | LMU21         | 2900WD          |           |
| Paper Winder                    | LPW300BR      | 5830WD          | 5830WD    |
| Paper Winder                    | PW201BR       | 1543WD          | 1543WD    |
| Paper Winder                    | 195921        | 6363WD          |           |
| Paper Winder                    | 195922        | 6363WD          |           |
| Power Factor Correction         | 173705        | 4286WD          |           |
| Power Factor Correction         | 173706        | 4287WD          |           |
| Power Factor Correction         | 173707        | 4288WD          |           |
| Selector Magnet Driver          | 177010        |                 | 4445WD    |
| Transmitter Distributor         | LXD11         | 4264WD          |           |
| Transmitter Distributor         | LXD31         | 7094WD          |           |
| Transmitter Distributor Base    | LCXB13        | 4265WD          |           |
| Typing Reperforator             | LPR36         | 3628WD          |           |
| Typing Reperforator             | LPR57         | 3628WD          |           |
| Typing Reperforator (Auxiliary) | LPR35         | 3628WD          |           |
| Typing Reperforator Base        | LRB32         | 4266WD          |           |
| Typing Unit                     | LP77YD/AGM    | 4196WD          |           |
| Typing Unit                     | LP77YD/AJV    | 7481WD          |           |
| Typing Unit                     | LP124YD/AJU   | 7154WD          |           |

39  
40

NOTES:

- A. FOR OPERATION ON 50-60 CYCLE 110V. AC. REMOVE STRAP "A" AND CONNECT PLUG (1) INTO PLUG (2)
- B. FOR OPERATION ON 110V. D.C. OR 25 CYCLE A.C., CONNECT 100 OHM RESISTOR OF 104851 SET OF PARTS FOR TABLE APPLICATION AS SHOWN AND CONNECT PLUG (1) INTO PLUG (4) AND PLUG (3) INTO PLUG (2)
- C. 88085 CABLE HAS BEEN REDESIGNED FOR USE WITH DP-ST SWITCH. WHEN UNITS EQUIPPED WITH SINGLE POLE SWITCHES ARE CHANGED TO DP-ST SWITCHES. IT MAY BE NECESSARY TO ADD STRAP AS SHOWN.
- D. CORD TO BE SUPPLIED AS NEEDED BY THE CUSTOMER.

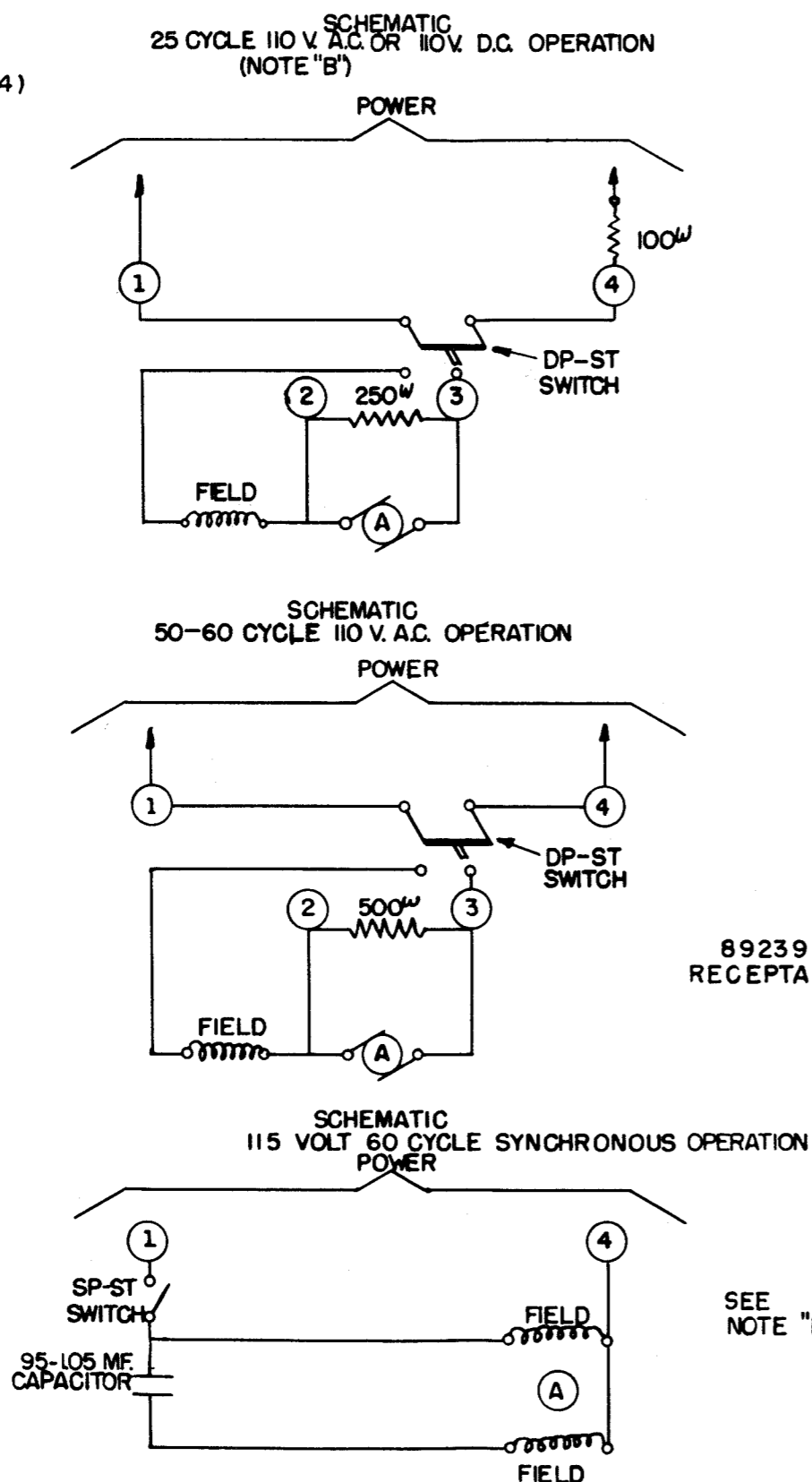


FIGURE 1  
PW 200, 201, 202, 203, 204, 205  
ACTUAL

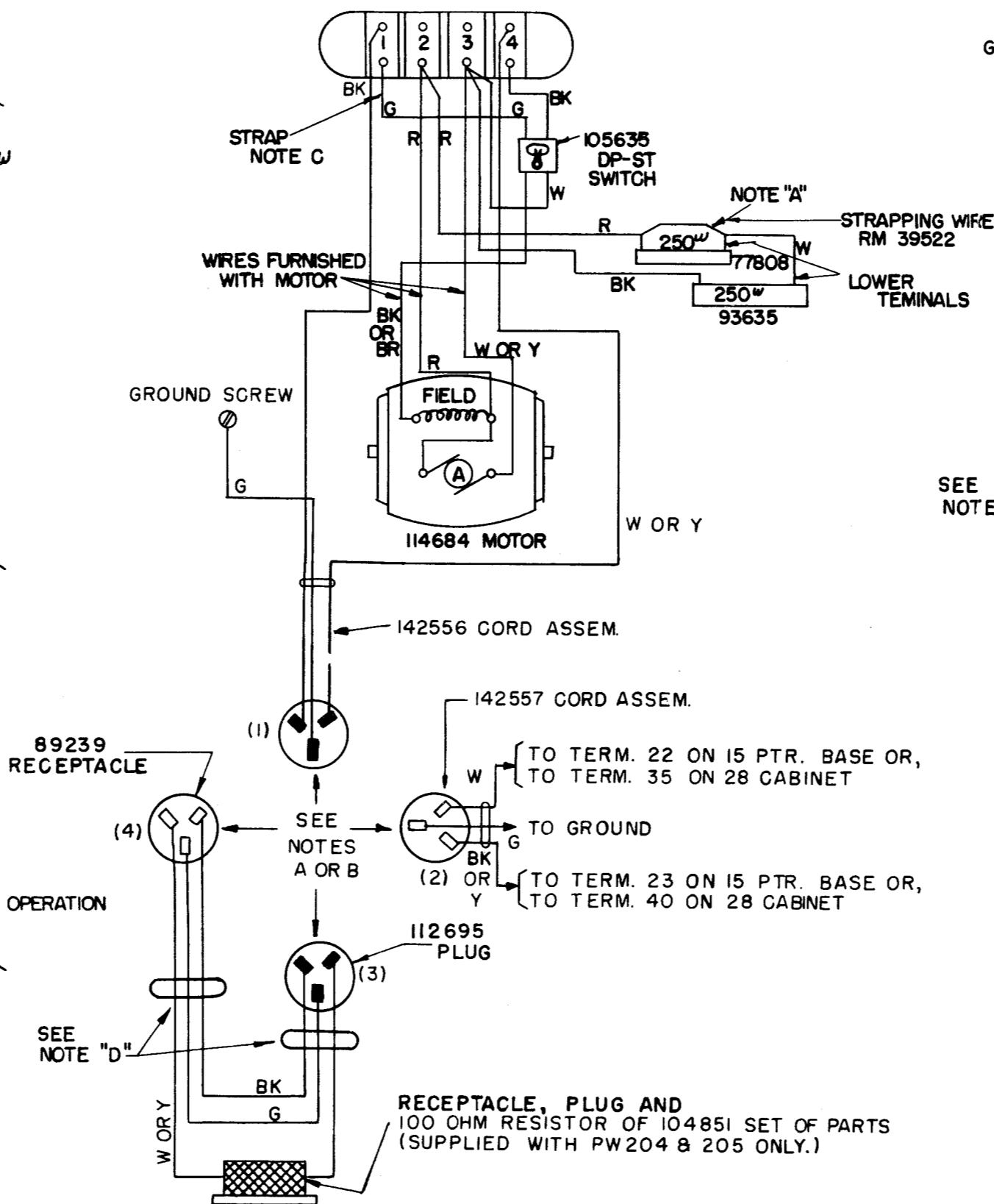
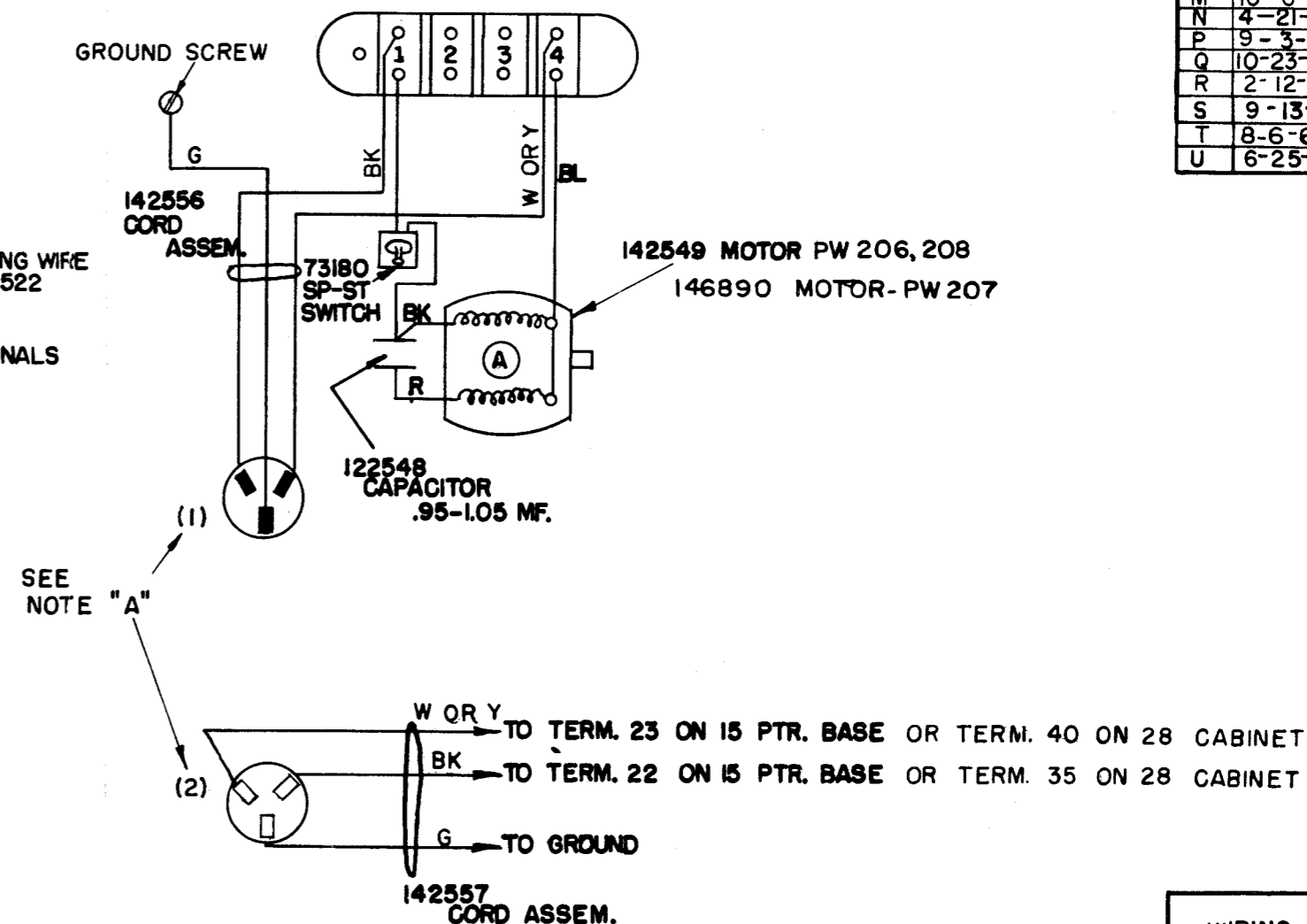


FIGURE 2  
PW 206, 208-115V. 60 CYCLE AC SYNCHRONOUS MOTOR  
ACTUAL  
PW 207-115V 50/60 CYCLE AC INDUCTION MOTOR



1543WD

| REVISIONS |          |           |
|-----------|----------|-----------|
| ISSUE     | DATE     | AUTH. NO. |
| L         | 11-16-55 | 62153     |
| M         | 10-6-58  | 66700     |
| N         | 4-21-59  | 67288     |
| P         | 9-3-59   | 67567     |
| Q         | 10-23-59 | 67696     |
| R         | 2-12-60  | 67963     |
| S         | 9-13-61  | 70923     |
| T         | 8-6-62   | 74139     |
| U         | 6-25-63  | 77214     |

WIRING DIAGRAM  
PAPER WINDERS  
PW 200, 201, 202,  
203, 204, 205,  
206, 208, 207

APPROVALS  
D AND R E OF M

E-NUMBER

PROD. NO. 1543 WD

DATE

R.D. FILE NO. I-99.AAA

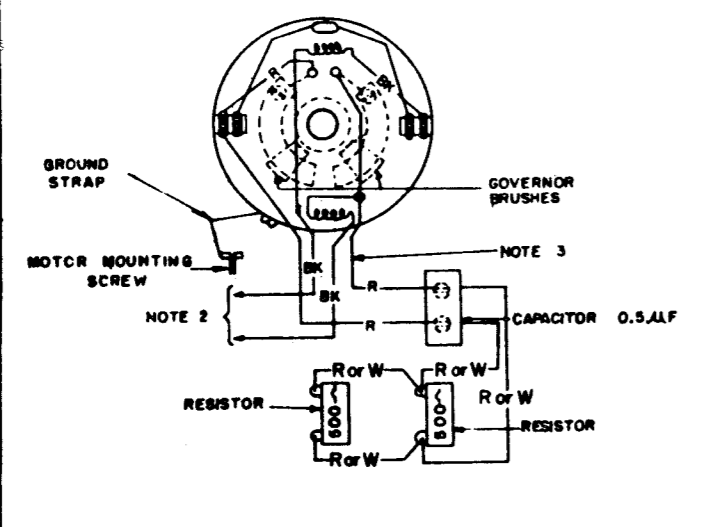
DRAWN W.A.W. CHKD. *W.A.W.*

ENGD. APPD. *E.P.K.*

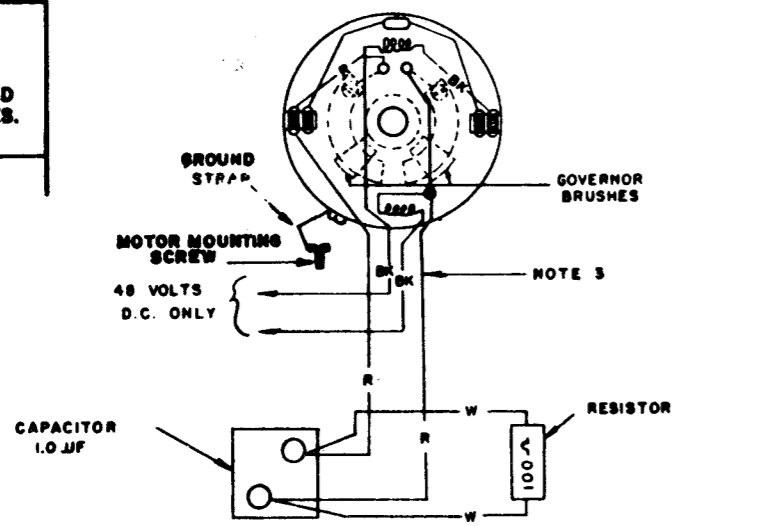
TELETYPE CORPORATION

1543WD

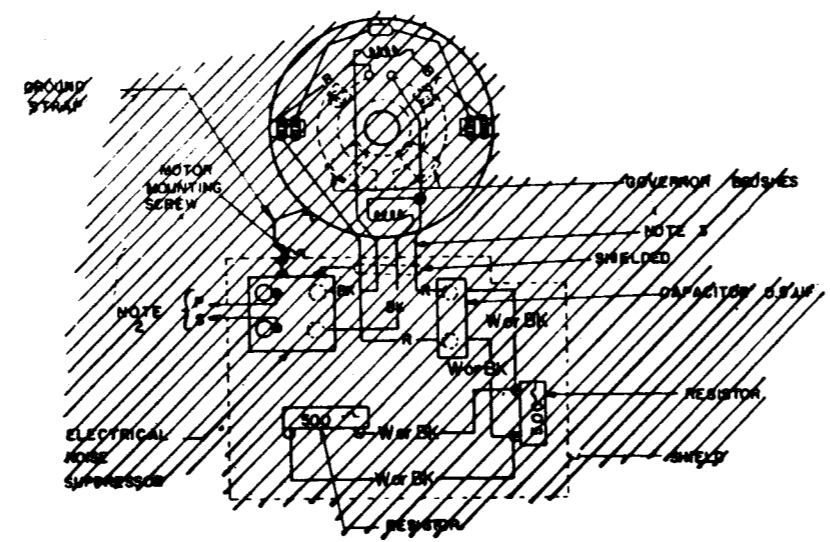
- | NO. | NOTES   |
|-----|---|
| 1   | A. SYNCHRONOUS MOTOR OPERATES ON REGULATED 60W(±1%) AC ONLY.<br>B. ASSOCIATED LESU MUST BE EQUIPPED WITH CAPACITOR-RESISTOR ASSEMBLY FOR DC OPERATION OF GOVERNED MOTORS. |
| 2.  | CONNECT EITHER WIRE TO DESIGNATED TERMINALS OF UNIT TERMINAL BLOCK PER WIRING DIAGRAM OF ASSOCIATED UNIT.   |
| 3.  | MOTOR LEADS OF SAME COLOR ARE INTERCHANGEABLE.  |
| 4.  | COLOR CODE FOR MOTORS FURNISHED WITH METAL LEAD MARKERS<br>T1 - BLUE<br>T4 - YELLOW<br>T8 - RED   |
| 5.  | MOTOR CIRCUIT IS FUSED ON BASE ASSEMBLY.  |
| 6.  | MOTOR LEADS ARE ENCLOSED IN APPROXIMATELY 10" LONG COPPER SHIELDING & FASTENED TO MOTOR AND CONTROL PARTS COMPARTMENT. (FOR LMU28)  |
| 7.  | EXTERNAL NOISE SUPPRESSION NETWORK CONSISTING OF 100 OHM 1/2 W. RESISTOR IN SERIES WITH .25 MFD 1K V CAPACITOR CONNECTED ACROSS YELLOW AND BROWN WIRES. (FOR LMU45)       |



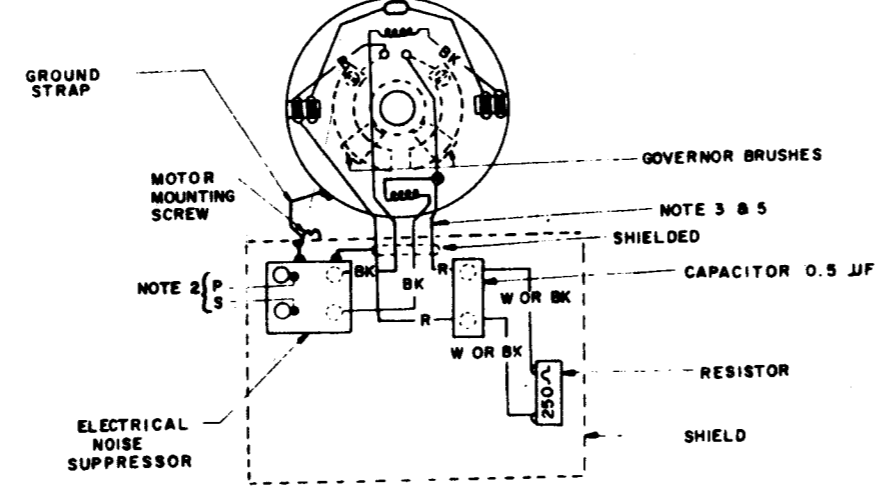
**LMU 6, 13 MOTOR UNIT (UNIVERSAL SERIES GOV.)**  
WITHOUT RADIO FREQUENCY SUPPRESSORS  
FOR USE WITH EITHER 115 V. AC. 50-60~ OR 115 V DC. POWER SUPPLY (NOTE 1B).



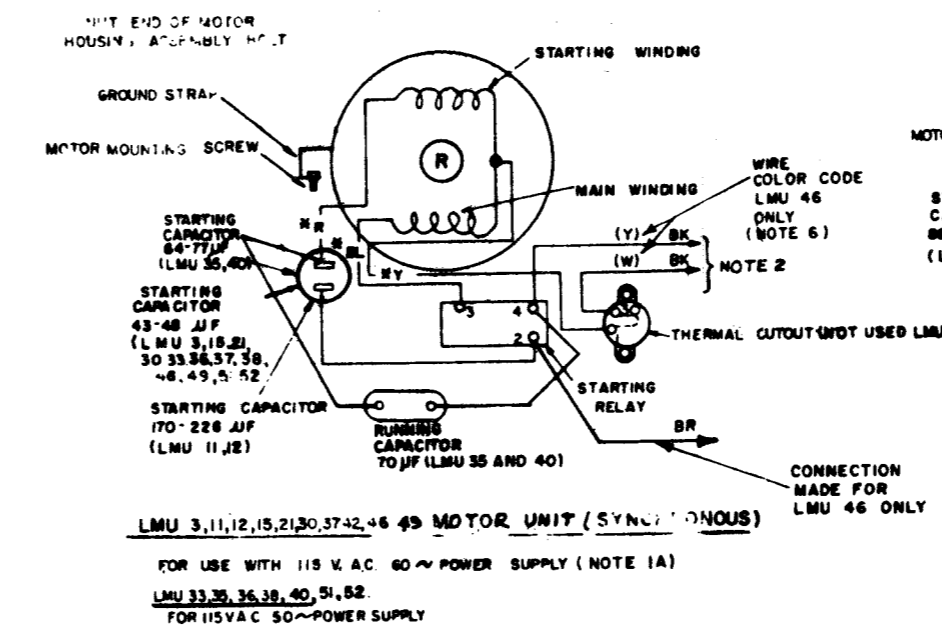
**LMU 23 MOTOR UNIT (48 VOLTS D.C. SERIES GOV.)**  
WITHOUT RADIO FREQUENCY SUPPRESSORS  
FOR USE ON 48 VOLT D.C. POWER SUPPLY ONLY.



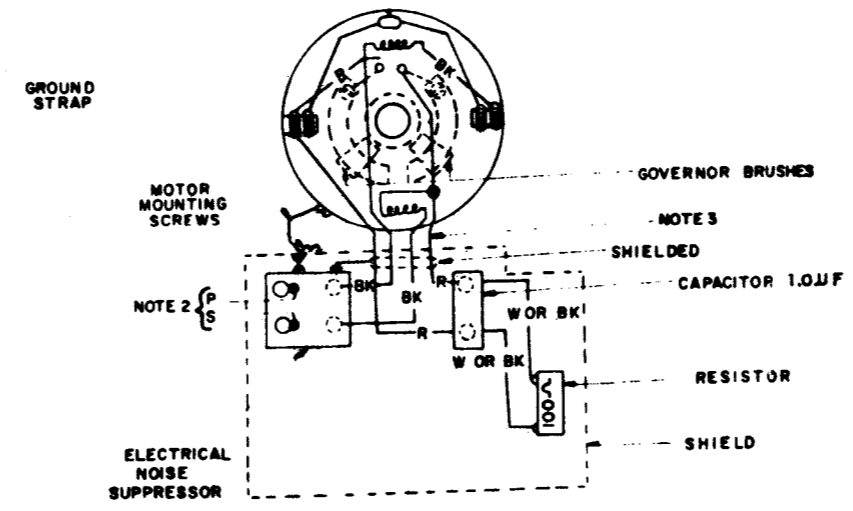
**LMU 8, 10, 14 MOTOR UNIT (UNIVERSAL SERIES GOV.)**  
WITH RADIO FREQUENCY SUPPRESSORS  
FOR USE WITH EITHER 115 V. AC. 50-60~ OR 115 V DC. POWER SUPPLY (NOTE 1B).



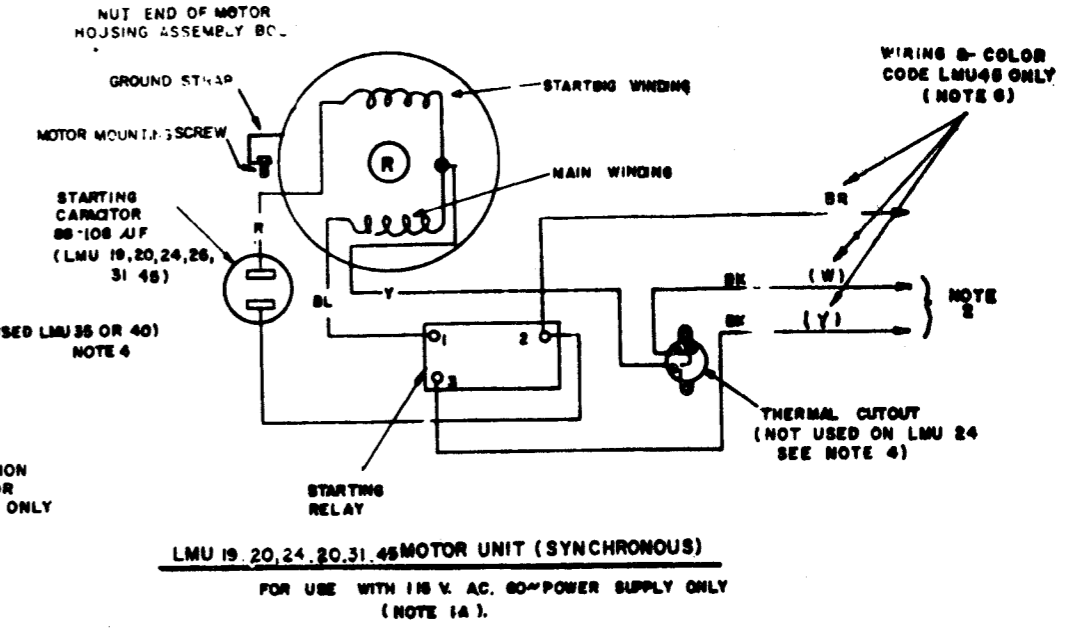
**LMU 28, 32, 39, 41, 47 MOTOR UNIT (UNIVERSAL SERIES GOV.)**  
WITH RADIO FREQUENCY SUPPRESSORS  
FOR USE WITH EITHER 115 V. AC. 50-60~ OR 115 VOLTS DC. POWER SUPPLY (NOTE 1B).



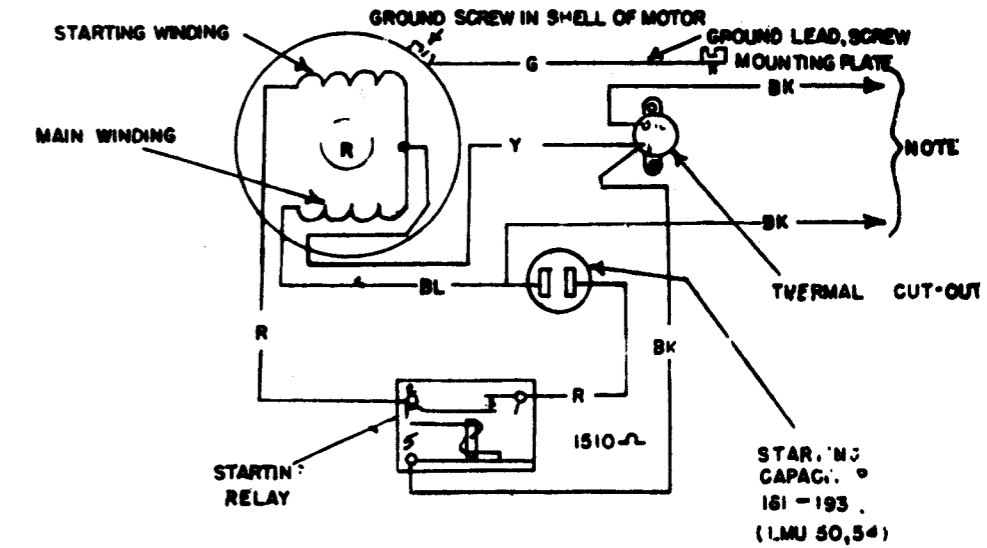
**LMU 3, 11, 12, 15, 21, 30, 37, 42, 46, 49 MOTOR UNIT (SYNCHRONOUS)**  
FOR USE WITH 115 V. AC. 60~ POWER SUPPLY (NOTE 1A)  
LMU 33, 35, 36, 38, 40, 51, 52.  
FOR 115V AC 50~ POWER SUPPLY



**LMU 29 MOTOR UNIT (48 VOLTS D.C. SERIES GOV.)**  
WITH RADIO FREQUENCY SUPPRESSORS  
FOR USE ON 48 VOLT D.C. POWER SUPPLY ONLY



**LMU 19, 20, 24, 25, 31, 45 MOTOR UNIT (SYNCHRONOUS)**  
FOR USE WITH 115 V. AC. 60~ POWER SUPPLY ONLY (NOTE 1A).



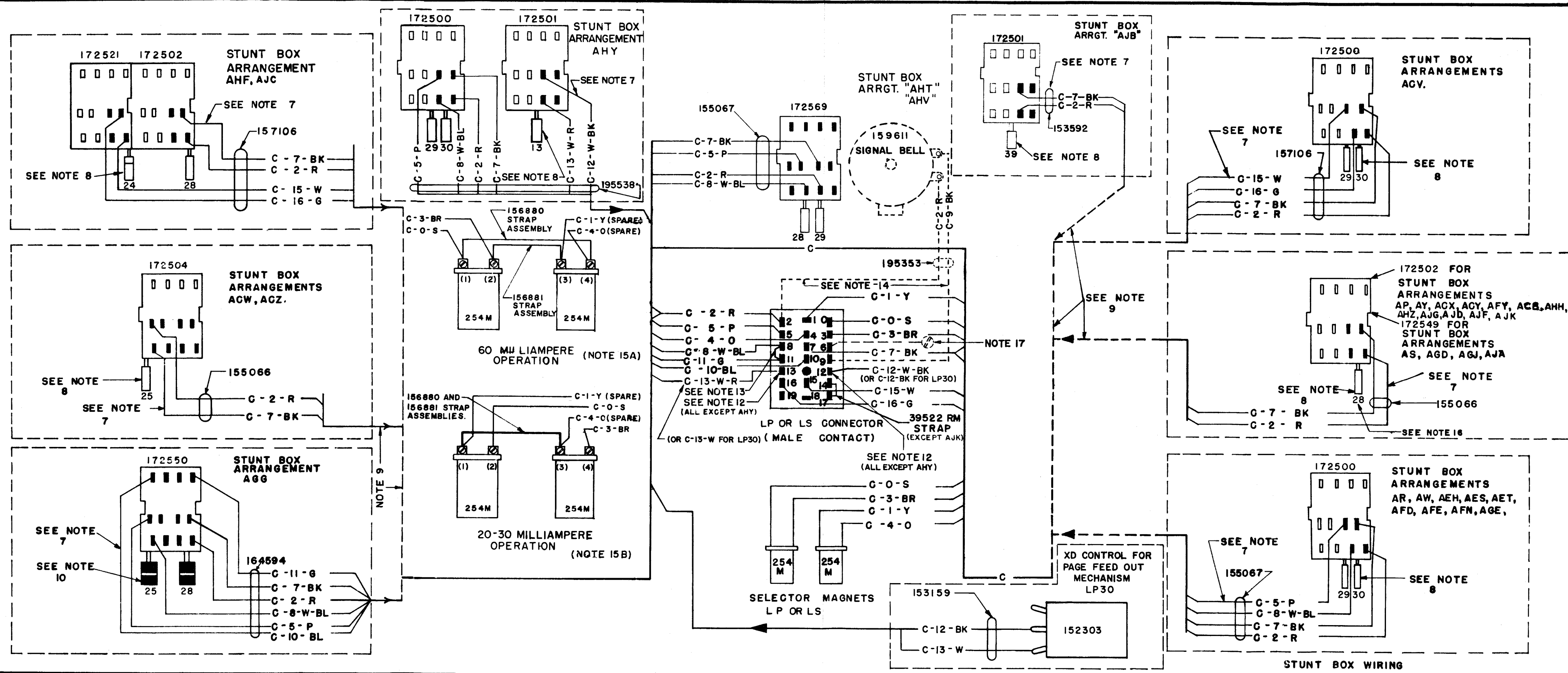
**LMU 50, 54 MOTOR UNIT (SYNCHRONOUS)**  
FOR USE WITH 115 V AC 50~ REGULATED (±.75%) POWER SUPPLY ONLY.

| 2900WD    |        |           |
|-----------|--------|-----------|
| REVISIONS |        |           |
| REV.      | DATE   | AUTH. NO. |
| 1         | 1-1-60 | 7778-1    |
| 2         | 1-1-60 | 7778-1    |
| 3         | 1-1-60 | 7778-1    |
| 4         | 1-1-60 | 7778-1    |
| 5         | 1-1-60 | 7778-1    |
| 6         | 1-1-60 | 7778-1    |
| 7         | 1-1-60 | 7778-1    |
| 8         | 1-1-60 | 7778-1    |
| 9         | 1-1-60 | 7778-1    |
| 10        | 1-1-60 | 7778-1    |
| 11        | 1-1-60 | 7778-1    |
| 12        | 1-1-60 | 7778-1    |
| 13        | 1-1-60 | 7778-1    |
| 14        | 1-1-60 | 7778-1    |
| 15        | 1-1-60 | 7778-1    |
| 16        | 1-1-60 | 7778-1    |
| 17        | 1-1-60 | 7778-1    |
| 18        | 1-1-60 | 7778-1    |
| 19        | 1-1-60 | 7778-1    |
| 20        | 1-1-60 | 7778-1    |
| 21        | 1-1-60 | 7778-1    |
| 22        | 1-1-60 | 7778-1    |
| 23        | 1-1-60 | 7778-1    |
| 24        | 1-1-60 | 7778-1    |
| 25        | 1-1-60 | 7778-1    |
| 26        | 1-1-60 | 7778-1    |
| 27        | 1-1-60 | 7778-1    |
| 28        | 1-1-60 | 7778-1    |
| 29        | 1-1-60 | 7778-1    |
| 30        | 1-1-60 | 7778-1    |
| 31        | 1-1-60 | 7778-1    |
| 32        | 1-1-60 | 7778-1    |
| 33        | 1-1-60 | 7778-1    |
| 34        | 1-1-60 | 7778-1    |
| 35        | 1-1-60 | 7778-1    |
| 36        | 1-1-60 | 7778-1    |
| 37        | 1-1-60 | 7778-1    |
| 38        | 1-1-60 | 7778-1    |
| 39        | 1-1-60 | 7778-1    |
| 40        | 1-1-60 | 7778-1    |
| 41        | 1-1-60 | 7778-1    |
| 42        | 1-1-60 | 7778-1    |
| 43        | 1-1-60 | 7778-1    |
| 44        | 1-1-60 | 7778-1    |
| 45        | 1-1-60 | 7778-1    |
| 46        | 1-1-60 | 7778-1    |
| 47        | 1-1-60 | 7778-1    |
| 48        | 1-1-60 | 7778-1    |
| 49        | 1-1-60 | 7778-1    |
| 50        | 1-1-60 | 7778-1    |

ACTUAL WIRING DIAGRAM MODEL 29 MOTOR UNITS

DATE: 1-22-60  
 PD FILE NO. 130.68.100.8  
 DRAWN: E. R. OWEN  
 ENG. & M.S. APPD.  
**TELETYPE CORPORATION**  
 2900WD

| NO  | NOTES  |
|-----|--|
| 1.  | WIRING CHANNEL DESIGNATED BY "C" DOES NOT REPRESENT CABLES, BUT ASSISTS IN TRACING CONNECTIONS.  |
| 2.  | COLOR LEGEND<br>   |
| 3.  | COLOR CODE:<br>BK - BLACK      BL - BLUE<br>W - WHITE      R - RED<br>Y - YELLOW     BR - BROWN<br>P - PURPLE      O - ORANGE<br>S - SLATE        G - GREEN                  |
| 5.  | CONNECTOR VIEWED FROM SOLDERED TERMINAL ENDS.  |
| 7.  | THESE LEADS FURNISHED WITH FUNCTION BOX.   |
| 8.  |  |
| 9.  | A COMPLETE LP UNIT USES ONLY ONE STUNT BOX. MAKE APPROXIMATE (---) CONNECTIONS TO COMPLETE CIRCUIT.  |
| 10. |  |
| 11. | THE FOLLOWING STUNT BOXES ARE WITHOUT SWITCH ASSEMBLIES: AX, ADL.  |
| 12. | THESE TWO TERMINALS ARE USED WHEN LP IS EQUIPPED WITH XD CONT. PAGE FEED OUT OR XD CONT. HORIZ. TAB. IF BOTH FEATURES ARE USED, THEY ARE WIRED IN SERIES TO THESE TERMINALS. |
| 13. | USE 39522 RM STRAP FOR LP 95, 96, 97, 102, 122.  |
| 14. | THE 159611 SIGNAL BELL AND THE 195353 CABLE ASSEMBLY ARE CONTAINED ON THE LP III ONLY.   |
| 15. | A. THE LP III IS FACTORY WIRED FOR 60 MA. OPERATION.<br>B. THE LP III MAY BE CONVERTED FOR 20-30 MA. OPERATION BY THE CUSTOMER.  |
| 16. | FOR AFY STUNT BOX, CONTACT IS OVER SLOT 30.  |
| 17. | 195269 STRAP CONNECTED FROM TERMINAL 6 TO CONNECTOR BRACKET MOUNTING SCREW FOR 179613 AND 179644 R.F. SUPPRESSION MODIFICATION KITS.   |

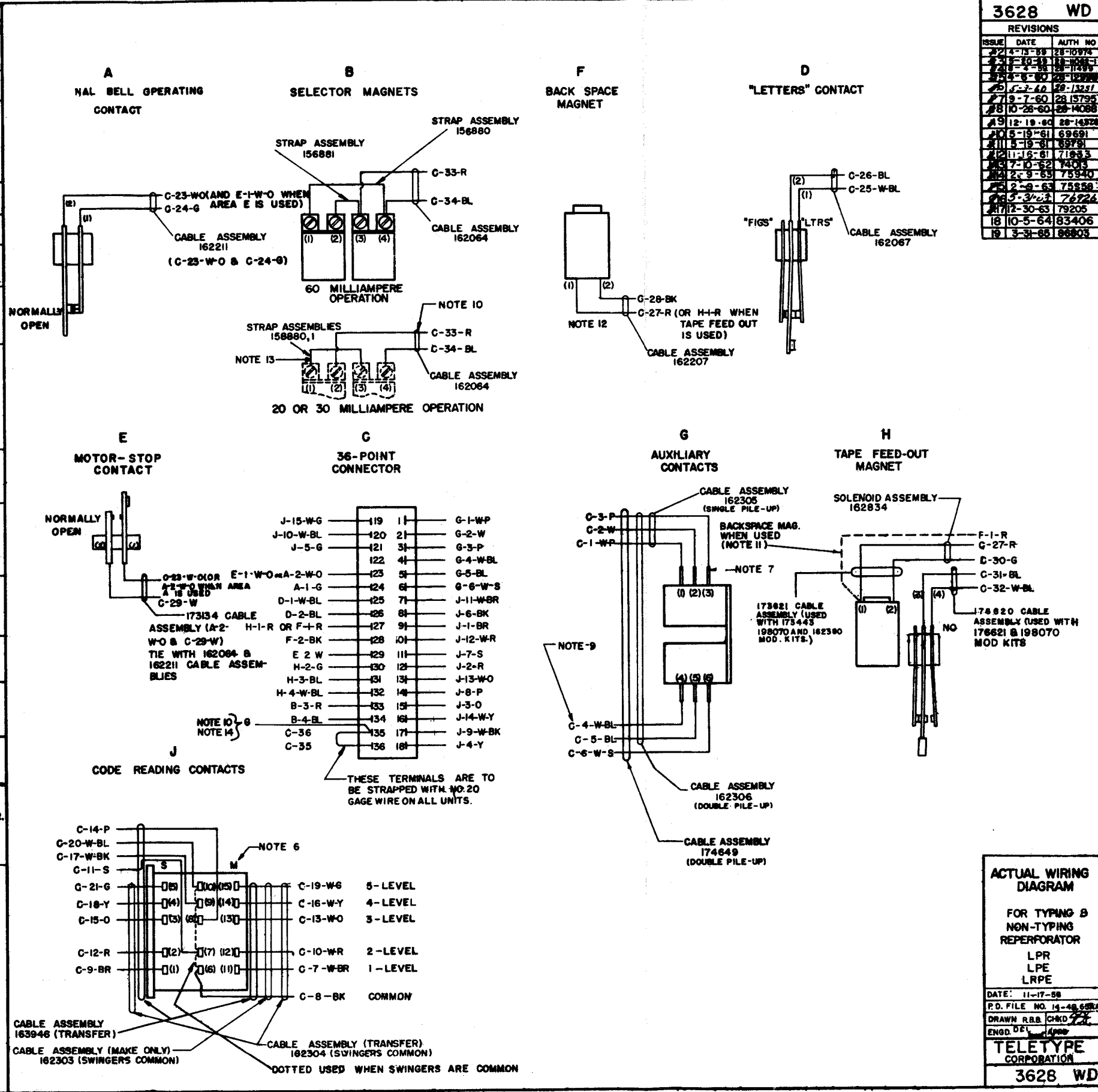


| 3214 WD   |          |           |
|-----------|----------|-----------|
| REVISIONS |          |           |
| ISSUE     | DATE     | AUTH. NO. |
| 16        | 1-26-60  | 28-12423  |
| 17        | 3-7-60   | 28-2923-1 |
| 18        | 3-15-60  | 28-12912  |
| 19        | 9-16-60  | 28-13910  |
| 20        | 9-20-60  | 28-13920  |
| 21        | 10-14-60 | 28-13541  |
| 22        | 2-20-61  | 69056     |
| 23        | 4-12-61  | 69485     |
| 24        | 6-1-61   | 70011     |
| 25        | 8-3-61   | 70085     |
| 26        | 11-28-61 | 71780     |
| 27        | 1-11-62  | 72128     |
| 28        | 5-2-62   | 73280     |
| 29        | 9-21-62  | 74605     |
| 30        | 1-10-63  | 75678     |
| 31        | 1-21-63  | 75760     |
| 32        | 3-28-63  | 76401     |
| 33        | 4-15-63  | 76591     |
| 34        | 5-2-63   | 76756     |
| 35        | 5-20-63  | 76966     |
| 36        | 6-15-63  | 76147     |
| 37        | 10-30-63 | 78340     |
| 38        | 11-12-63 | 78059     |
| 39        | 12-5-63  | 79091     |
| 40        | 12-13-63 | 79185     |
| 41        | 12-23-63 | 79185-1   |
| 42        | 1-9-65   | 85722     |
| 43        | 2-3-65   | 85959     |

| 12-1-56  | DATE |
|--|------|
| ACTUAL   |      |
| WIRING DIAGRAM FOR MODEL 28, TYPING UNITS  |      |
| LP 14, 15, 16, 17, 20, 21, 23, 26, 27, 28, 30, 31, 34, 38, 39, 43, 44, 55, 56, 60, 65, 67, 68, 70, 73, 84, 96, 101, 108, 111, 113, 122   |      |
| STUNT BOX  |      |
| AP, AR, AS, AW, AX, AY, ACV, ACW, ACX, ACY, ACZ, ADL, AEH, AES, AET, AFD, AFE, AFN, AGB, AGD, AGE, AFY, AGJ, AGG, AHF, AHM, AHT, AHV, AHY, AHZ, AJG, AJA, AJC, AJD, AJF, AJG, AJB, AJK |      |
| SEQUENTIAL SELECTOR UNIT LS 2, 4.  |      |
| PD. FILE NO. 45-3065AA   |      |
| DRAWN-RAB CK G.G.  |      |
| ENG. V.C. APP. OAL   |      |
| TELETYPE CORPORATION   |      |
| 3214 WD  |      |

| NO. | NOTES  |    |        |   |       |    |       |    |      |   |     |   |        |   |        |   |       |   |        |   |       |
|-----|--|----|--------|---|-------|----|-------|----|------|---|-----|---|--------|---|--------|---|-------|---|--------|---|-------|
|     | <p><b>COLOR CODE</b></p> <table border="0"> <tr> <td>BK</td> <td>BLACK</td> <td>G</td> <td>GREEN</td> </tr> <tr> <td>BR</td> <td>BROWN</td> <td>BL</td> <td>BLUE</td> </tr> <tr> <td>R</td> <td>RED</td> <td>P</td> <td>PURPLE</td> </tr> <tr> <td>O</td> <td>ORANGE</td> <td>S</td> <td>SLATE</td> </tr> <tr> <td>Y</td> <td>YELLOW</td> <td>W</td> <td>WHITE</td> </tr> </table> | BK | BLACK  | G | GREEN | BR | BROWN | BL | BLUE | R | RED | P | PURPLE | O | ORANGE | S | SLATE | Y | YELLOW | W | WHITE |
| BK  | BLACK  | G  | GREEN  |   |       |    |       |    |      |   |     |   |        |   |        |   |       |   |        |   |       |
| BR  | BROWN  | BL | BLUE   |   |       |    |       |    |      |   |     |   |        |   |        |   |       |   |        |   |       |
| R   | RED  | P  | PURPLE |   |       |    |       |    |      |   |     |   |        |   |        |   |       |   |        |   |       |
| O   | ORANGE   | S  | SLATE  |   |       |    |       |    |      |   |     |   |        |   |        |   |       |   |        |   |       |
| Y   | YELLOW   | W  | WHITE  |   |       |    |       |    |      |   |     |   |        |   |        |   |       |   |        |   |       |
| 2   | <p><b>WIRING LEGEND</b></p>  |    |        |   |       |    |       |    |      |   |     |   |        |   |        |   |       |   |        |   |       |
| 3   | TERMINALS DESIGNATED IN PARENTHESIS ARE NOT MARKED ON COMPONENTS.  |    |        |   |       |    |       |    |      |   |     |   |        |   |        |   |       |   |        |   |       |
| 4   | TERMINALS ON CONNECTOR SHOWN AS VIEWED FROM SOLDER END.  |    |        |   |       |    |       |    |      |   |     |   |        |   |        |   |       |   |        |   |       |
| 5   | NORMALLY OPEN (NO) AND NORMALLY CLOSED (NC) CONTACTS ARE SHOWN WHEN THE REPERFORATOR IS IN THE STOP (IDLE) POSITION.   |    |        |   |       |    |       |    |      |   |     |   |        |   |        |   |       |   |        |   |       |
| 6   | THE SPACING (S) SIDE ON THE CODE READING CONTACTS ARE NORMALLY CLOSED. THE MARKING (M) SIDE OF THE CODE READING CONTACTS ARE NORMALLY OPEN.  |    |        |   |       |    |       |    |      |   |     |   |        |   |        |   |       |   |        |   |       |
| 7   | WHEN THE AUXILIARY CONTACTS ARE OPERATED FROM A SINGLE CYCLE FUNCTION CAM THE CONTACTS NEAREST THE MOUNTING BRACKET ARE NORMALLY CLOSED. WHEN THE AUXILIARY CONTACTS ARE OPERATED FROM A DOUBLE CYCLE FUNCTION CAM THE CONTACTS FARTHEST THE MOUNTING BRACKET ARE NORMALLY CLOSED.   |    |        |   |       |    |       |    |      |   |     |   |        |   |        |   |       |   |        |   |       |
| 8   | GENERAL NOTE: WIRING OF INDIVIDUAL COMPONENTS IS DETERMINED BY REFERRING TO THE CABLE ASSEMBLIES SPECIFIED ON THE UNIT S/M.  |    |        |   |       |    |       |    |      |   |     |   |        |   |        |   |       |   |        |   |       |
| 9   | WHEN USING CABLE ASSEMBLY 162306 WITH THE LRPE 8, CONNECT THE W-BL WIRE (NORMALLY CONNECTED TO 64) TO 66.  |    |        |   |       |    |       |    |      |   |     |   |        |   |        |   |       |   |        |   |       |
| 10  | WIRED FOR 20 OR 30 MIL OPERATION. UNITS USING 173650 SHIELDED CABLE ON G CONNECTOR. OMT STRAP BETWEEN TERMINALS 35 AND 36 CONNECT 66 WIRE TO TERMINAL 36. SEE NOTE 14.   |    |        |   |       |    |       |    |      |   |     |   |        |   |        |   |       |   |        |   |       |
| 11  | WHEN COMMON CONNECTION IS USED, D.C. MUST BE PROVIDED FOR MAGNETS OTHER THAN 2244 WHICH OPERATES ON A.C. OR D.C.   |    |        |   |       |    |       |    |      |   |     |   |        |   |        |   |       |   |        |   |       |
| 12  | FOR WIRING OF BACKSPACE MAGNET ON LAK KEYBOARD MOUNTED REPERFORATORS, REFER TO ASSOCIATED LAK WIRING DIAGRAM.  |    |        |   |       |    |       |    |      |   |     |   |        |   |        |   |       |   |        |   |       |
| 13  | SELECTOR MAGNETS MUST BE STRAPPED FOR 60 MILLIAMPERE OPERATION WHEN 179615 AND 179616 R.F. SUPPRESSION MODIFICATION KITS ARE USED WITH REPERFORATOR SET.   |    |        |   |       |    |       |    |      |   |     |   |        |   |        |   |       |   |        |   |       |
| 14  | THIS CONNECTION IS APPLICABLE ONLY ON COMPATIBLE UNITS CONTAINING R.F. SUPPRESSION WIRING ON MATING CONNECTOR. ON OTHER NON-COMPATIBLE (INCLUDING BELL SYSTEM) UNITS IF EQUIPPED WITH A SHIELDED CABLE, THE SHIELD G WIRE IS TO BE DISABLED.   |    |        |   |       |    |       |    |      |   |     |   |        |   |        |   |       |   |        |   |       |



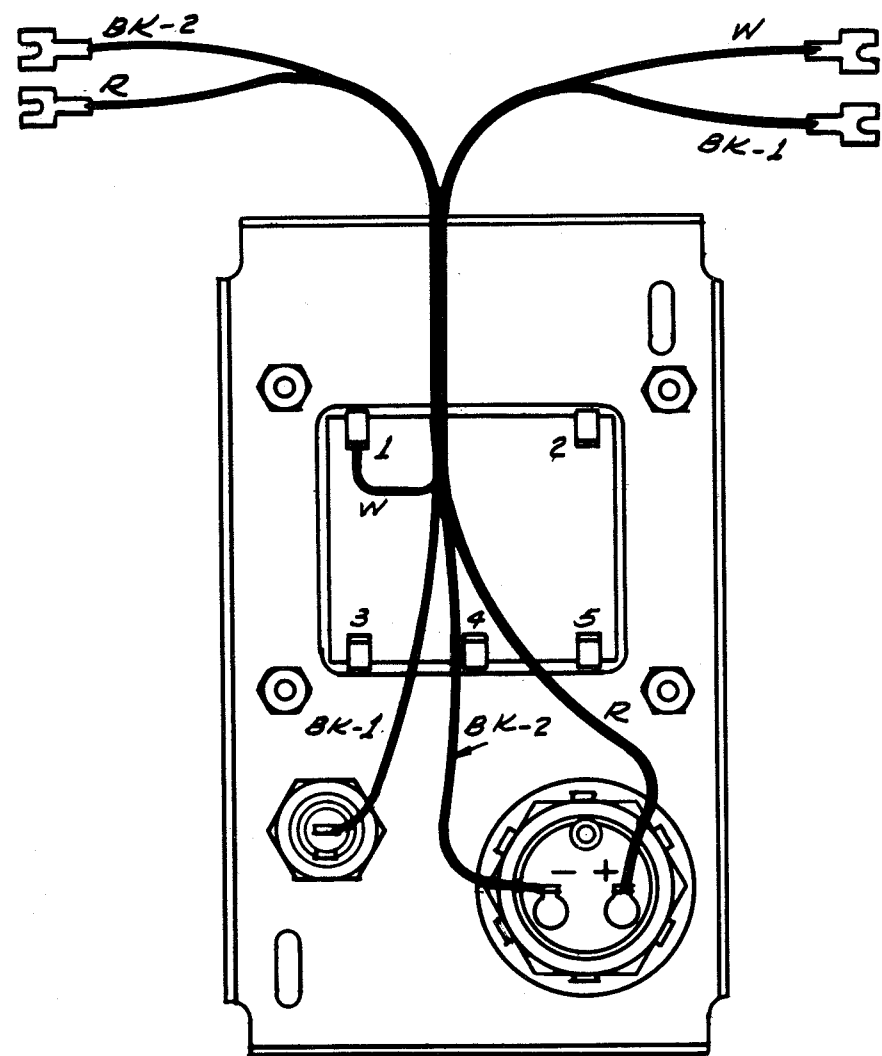
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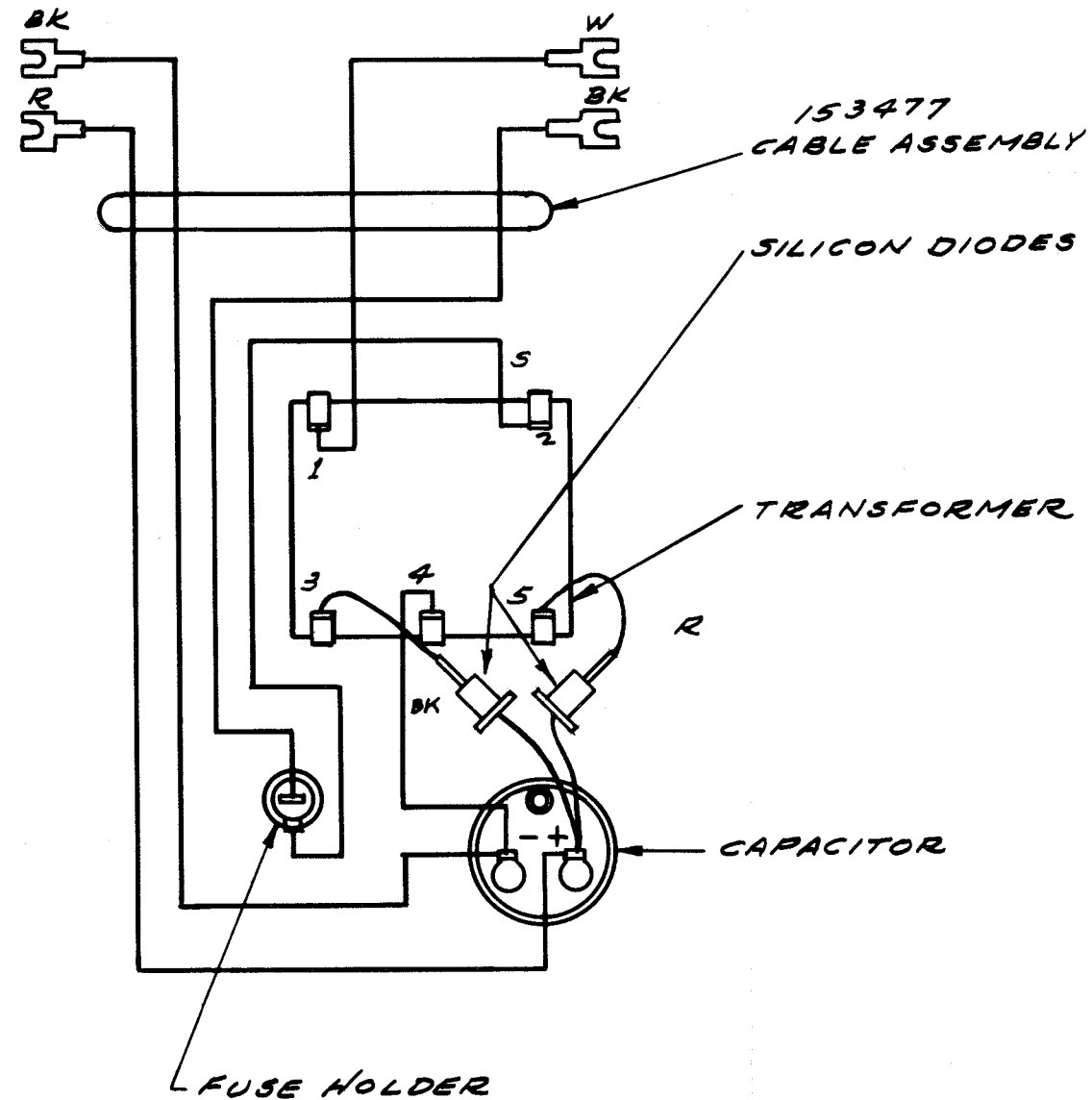
3637 WD

| NO | NOTES   |
|----|---|
| 1  | COLOR CODE<br>BK — BLACK<br>W — WHITE<br>R — RED<br>S — SLATE |

| ISSUE | DATE   | AUTH. NO. |
|-------|--------|-----------|
| 2A    | 3-1-61 | 68761-3   |
| 3     | 4-2-65 | 86946     |



CABLE ROUTING  
(BOTTOM VIEW OF ASSEMBLY)



WIRING DIAGRAM  
FOR  
RECTIFIER ASSEMBLY  
162361

APPROVALS

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

E-NUMBER

PROD. NO.

DATE: 11-24-58

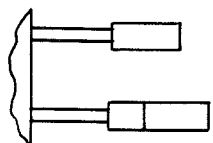
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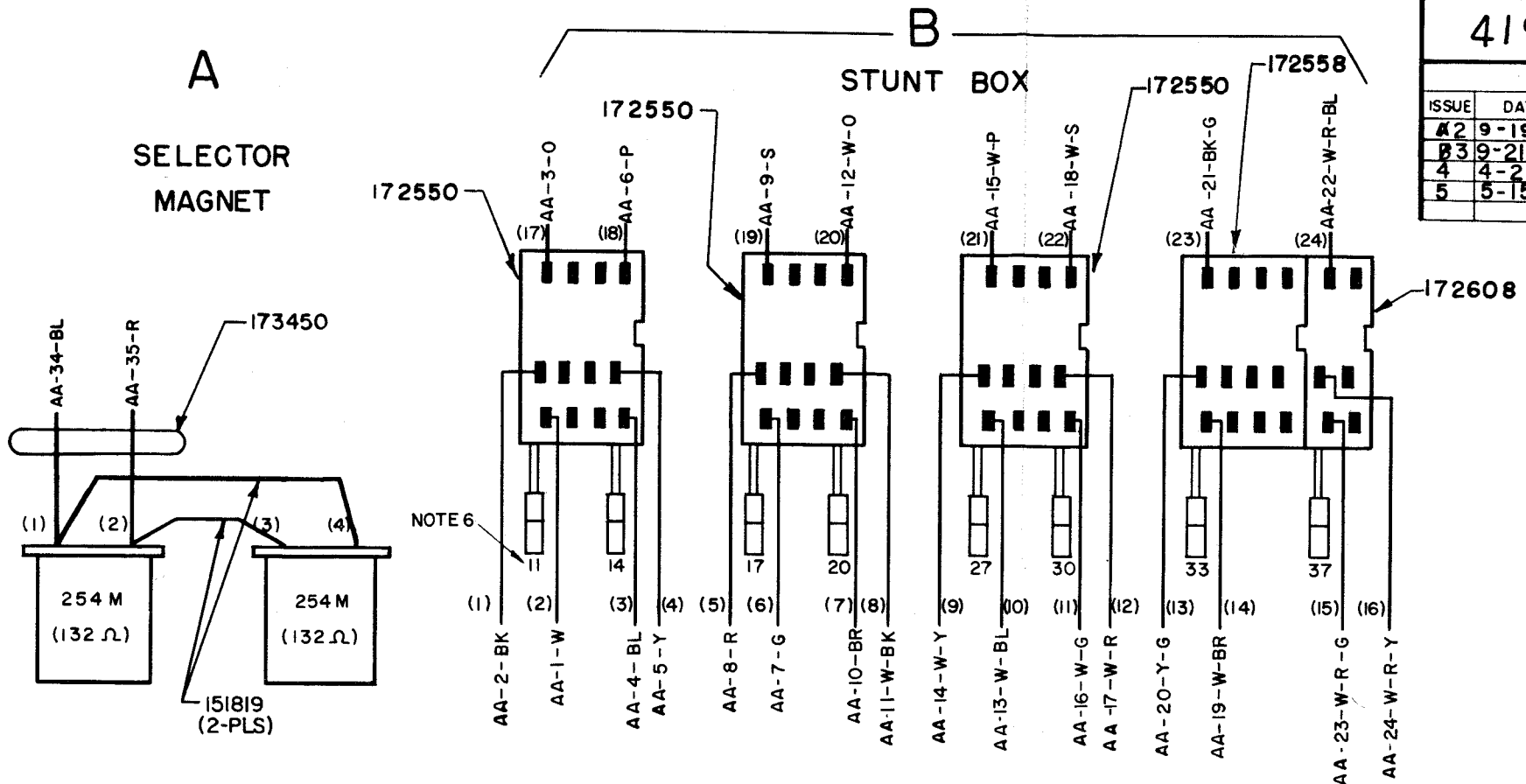
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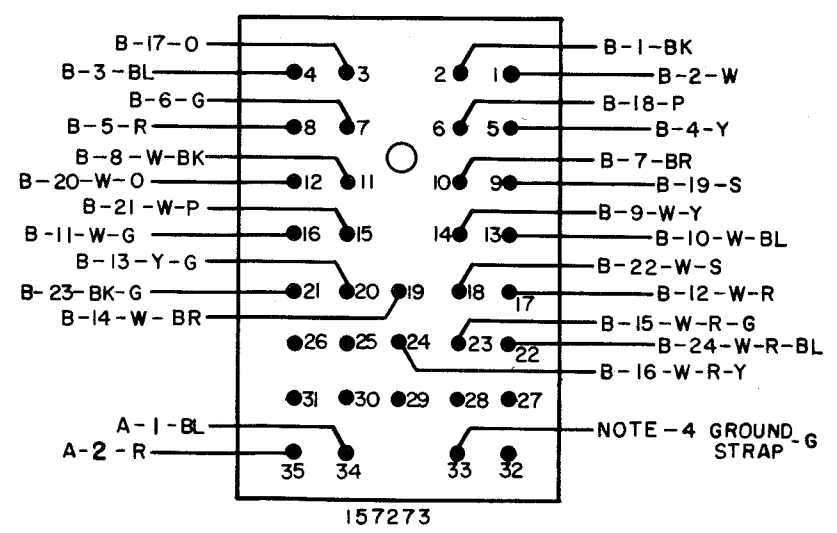
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CORPORATION

3637 WD

| NO.        | NOTES  |            |         |           |            |           |           |            |            |            |            |  |  |
|------------|--|------------|---------|-----------|------------|-----------|-----------|------------|------------|------------|------------|--|--|
| 1.         | <p><b>WIRING LEGEND</b></p> <p>— DISTANT TERMINATING AREA</p> <p>— DISTANT TERMINAL DESIGNATION.</p> <p>AA-8-R WIRE COLOR CODE</p>   |            |         |           |            |           |           |            |            |            |            |  |  |
| 2.         | <p><b>WIRE COLOR CODE :</b></p> <table border="0"> <tr> <td>W - WHITE</td> <td>R - RED</td> <td>BL - BLUE</td> </tr> <tr> <td>BK - BLACK</td> <td>S - SLATE</td> <td>G - GREEN</td> </tr> <tr> <td>O - ORANGE</td> <td>BR - BROWN</td> <td>Y - YELLOW</td> </tr> <tr> <td>P - PURPLE</td> <td></td> <td></td> </tr> </table> | W - WHITE  | R - RED | BL - BLUE | BK - BLACK | S - SLATE | G - GREEN | O - ORANGE | BR - BROWN | Y - YELLOW | P - PURPLE |  |  |
| W - WHITE  | R - RED  | BL - BLUE  |         |           |            |           |           |            |            |            |            |  |  |
| BK - BLACK | S - SLATE  | G - GREEN  |         |           |            |           |           |            |            |            |            |  |  |
| O - ORANGE | BR - BROWN   | Y - YELLOW |         |           |            |           |           |            |            |            |            |  |  |
| P - PURPLE |  |            |         |           |            |           |           |            |            |            |            |  |  |
| 3.         | CONNECTOR VIEWED FROM SOLDERED TERMINAL END.   |            |         |           |            |           |           |            |            |            |            |  |  |
| 4.         | GROUND SHIELDING OF SELECTOR CABLE.  |            |         |           |            |           |           |            |            |            |            |  |  |
| 5.         |  <p>NORMALLY OPEN CONTACT</p> <p>NORMALLY CLOSED CONTACT</p>  |            |         |           |            |           |           |            |            |            |            |  |  |
| 6.         | INDICATE SLOT LOCATIONS  |            |         |           |            |           |           |            |            |            |            |  |  |



**AA  
TYPING UNIT  
CONNECTOR**



**4196 WD**

| ISSUE | DATE    | AUTH. NO. |
|-------|---------|-----------|
| 2     | 9-19-61 | 70984     |
| 3     | 9-21-61 | 70997     |
| 4     | 4-2-65  | 86811     |
| 5     | 5-15-65 | 86811-2   |

ACTUAL  
WIRING  
DIAGRAM  
FOR  
MODEL 28  
TYPING UNIT  
LP 77, 94  
STUNT BOX  
**AGM**

**APPROVALS**

|                          |        |
|--------------------------|--------|
| D AND R<br><i>O.A.C.</i> | E OF M |
|--------------------------|--------|

E-NUMBER

PROD. NO. 4196 WD

DATE: 7-7-60

P.D. FILE NO. 18-A65/2.219A

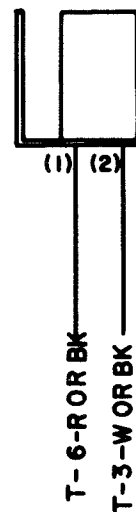
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**TELETYPE  
CORPORATION**

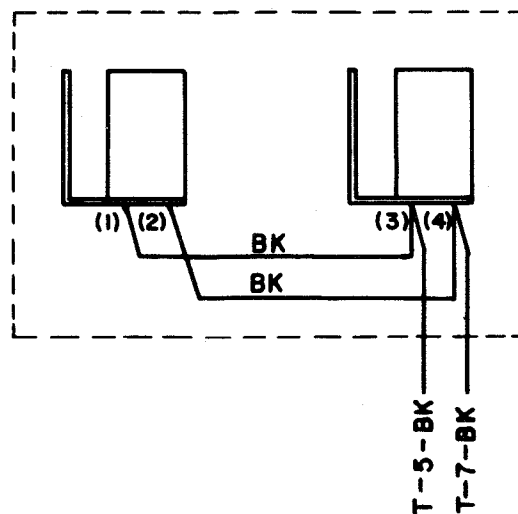
**4196 WD**

|     |  |
|-----|--|
| NO. | NOTES:   |
| 1.  | <b>WIRING LEGEND:</b><br><br>DISTANT TERMINATING AREA<br>DISTANT TERMINAL DESIGNATION<br>A-I-W<br>WIRING COLOR CODE  |
| 2.  | <b>COLOR CODE</b><br>BK - BLACK<br>R - RED<br>G - GREEN<br>P - PURPLE<br>W - WHITE<br>S - SLATE  |
| 3.  | CONNECTOR VIEWED FROM SOLDER TERMINAL ENDS.  |
| 4.  | GROUND SCREW ON RIGHT SIDE OF TRANSFORMER.   |
| 5.  | THE NUMBERS ENCLOSED BY PARENTHESES ARE USED FOR REFERENCE AND ARE NOT NECESSARILY SHOWN ON THE PARTS  |
| 6.  | <b>ASSOCIATED CABLES</b><br>173877 COVER CONNECTOR CABLE<br>173879 BASE CONNECTOR CABLE<br>304520 MARGIN LAMP CABLE<br>157278 COPYLIGHT LAMP CABLE<br>164384 TRANSFORMER CABLE |

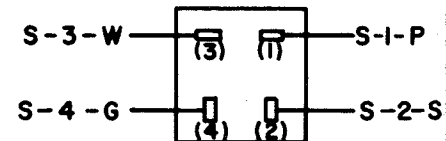
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INDICATOR  
LAMP



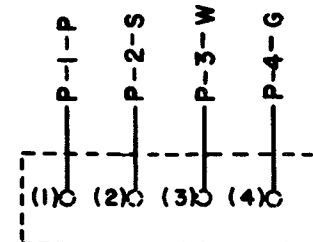
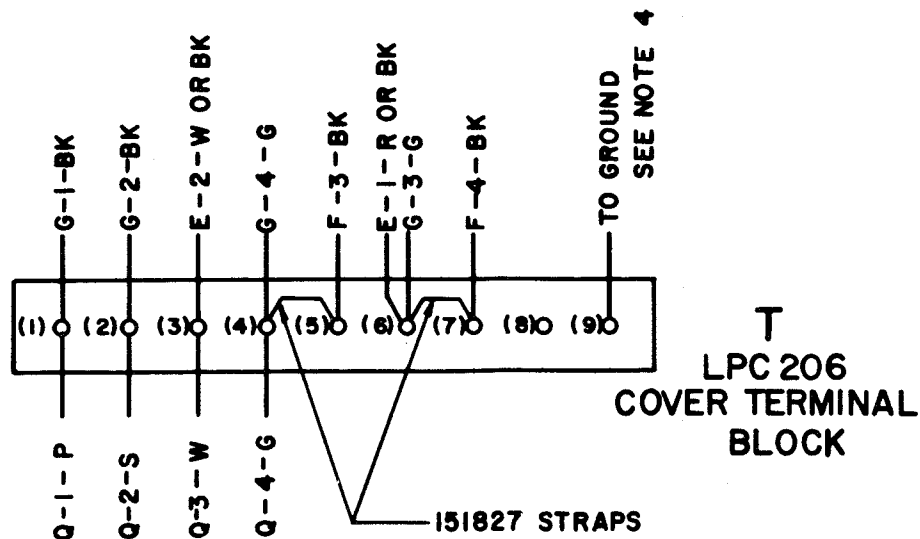
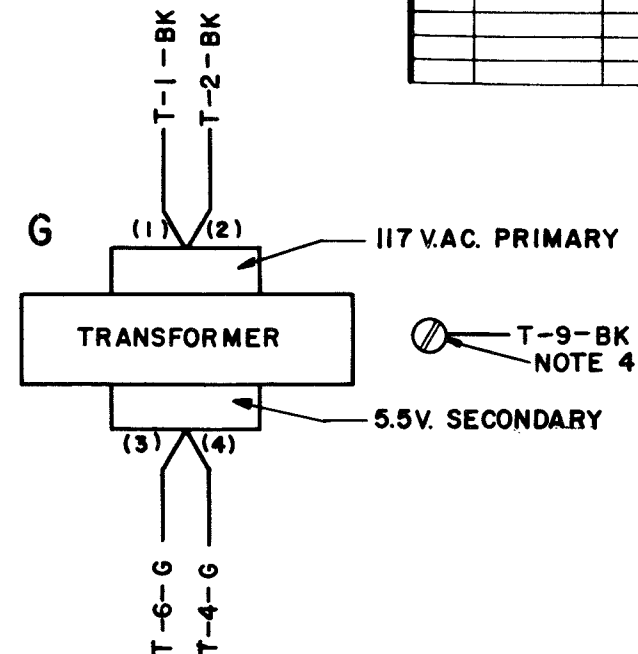
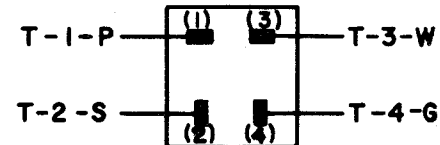
**F**  
COPYLIGHT LAMP



**P**  
BASE CONNECTOR  
CABLE ASSEMBLY



**Q**  
COVER CONNECTOR  
CABLE ASSEMBLY



**S**  
BASE MOTOR  
TERMINAL BLOCK  
(NOT PART OF LPC 206 COVER)

|        |          |           |
|--------|----------|-----------|
| 4257WD |          |           |
| ISSUE  | DATE     | AUTH. NO. |
| A      | 11-27-63 | 79385     |
|        |          |           |
|        |          |           |

|   |                          |
|---|--------------------------|
| ACTUAL WIRING<br>DIAGRAM<br>OF<br>LPC 206<br>SKIN TIGHT COVER |                          |
| APPROVALS   |                          |
| D AND R<br><i>O.A.</i>  | E OF M                   |
| E-NUMBER  |                          |
| PROD. NO. 4257WD  |                          |
| DATE: 6-8-60  |                          |
| P.D. FILE NO. 38-A2/65 AA                                     |                          |
| DRAWN. E. M.  | CHKD. <i>[Signature]</i> |
| ENGD. H.A.K.  | APPD. <i>[Signature]</i> |
| TELETYPE<br>CORPORATION                                       |                          |
| 4257WD  |                          |

| ISSUE | DATE     | AUTH. NO. |
|-------|----------|-----------|
| A     | 9-29-60  | CC 99     |
| B     | 11-10-60 | CC-182    |
| C     | 11-23-60 | 73190     |
| 4A    | 9-9-64   | 83063     |
| 4B    | 11-12-64 | 84170     |

P

APPROVALS

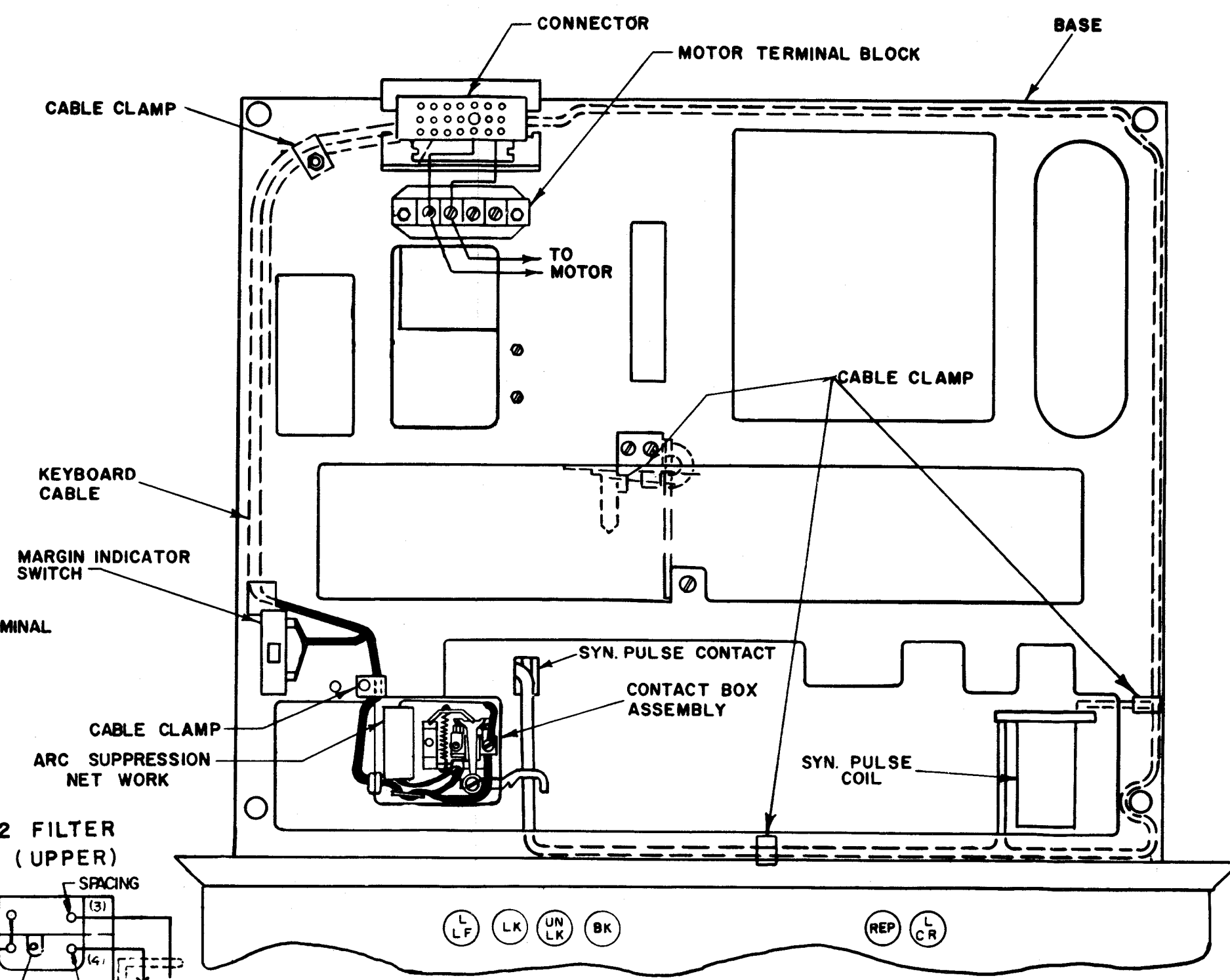
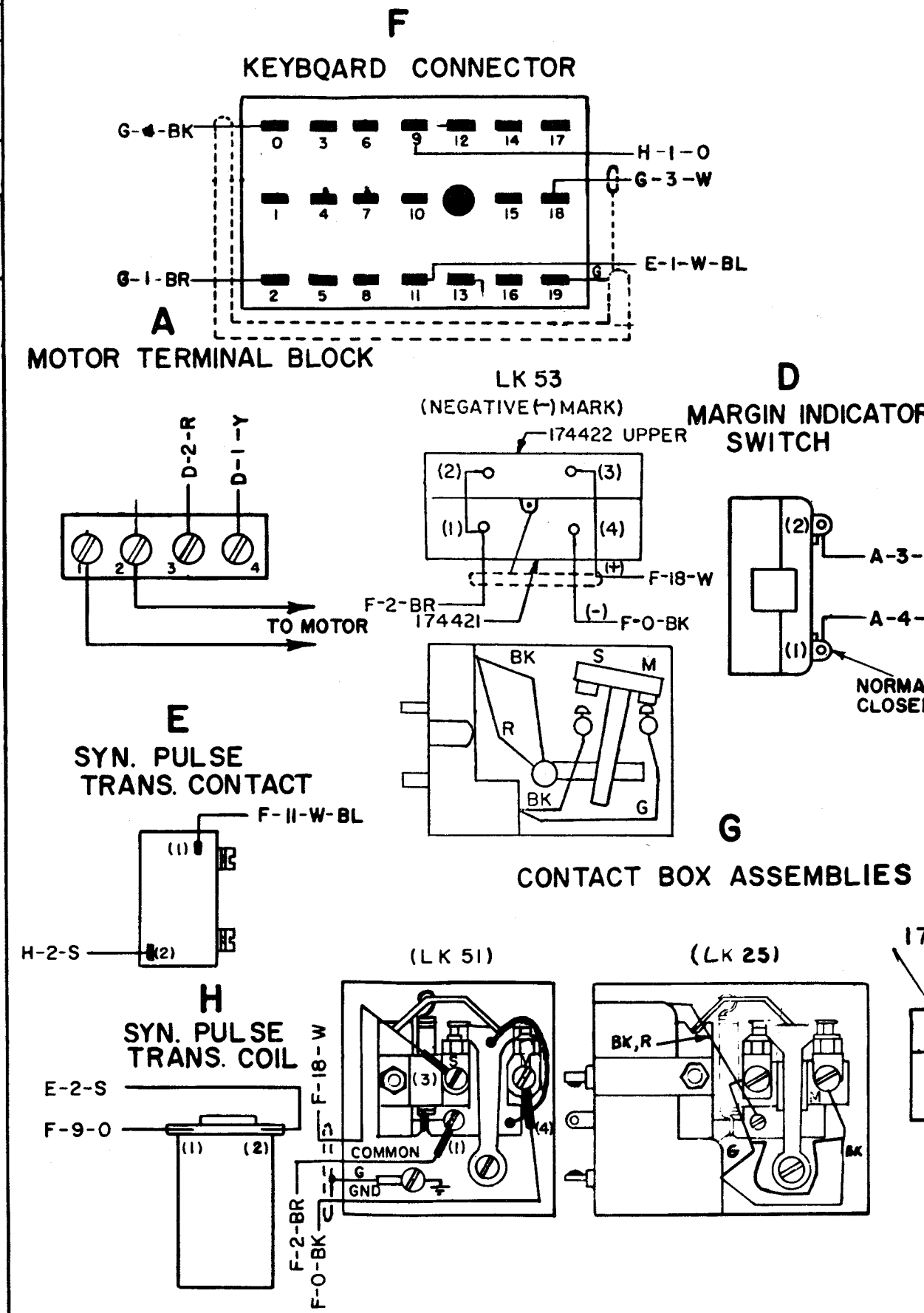
|                     |         |
|---------------------|---------|
| R AND D<br>J. B. V. | E OF. M |
| E-NUMBER            |         |
| PROD NUMBER 4262 WD |         |

ACTUAL  
WIRING DIAGRAM  
FOR MODEL 28  
KEYBOARD  
LK 25  
LK 53

|                            |
|----------------------------|
| DATE 6-8-60                |
| PD. FILE NO. 18-A65/2219A  |
| DRAWN P.K. CHKD <i>lh</i>  |
| ENG. D.C.L. APPD <i>lh</i> |

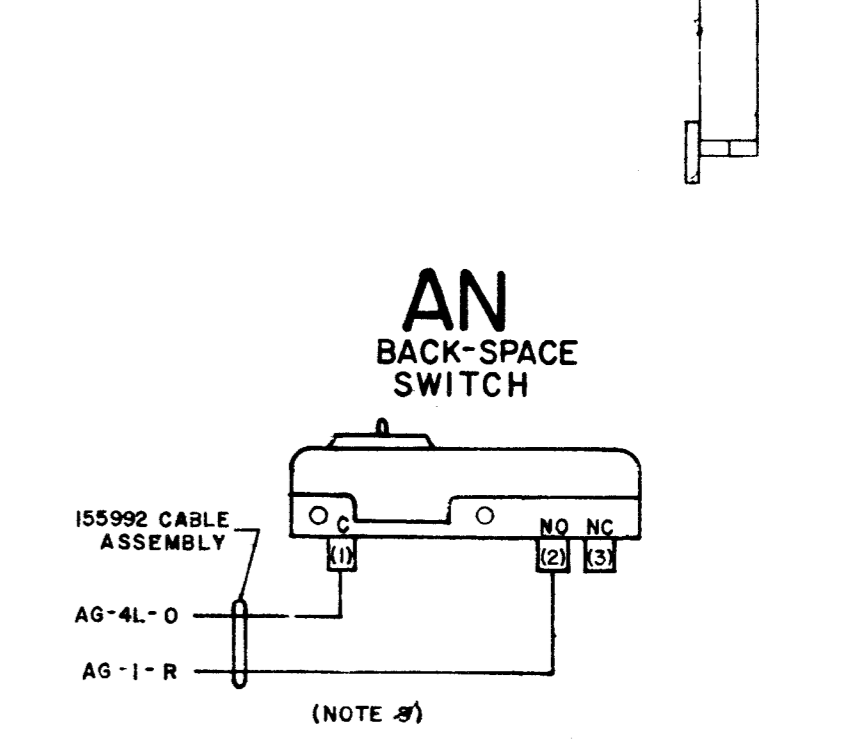
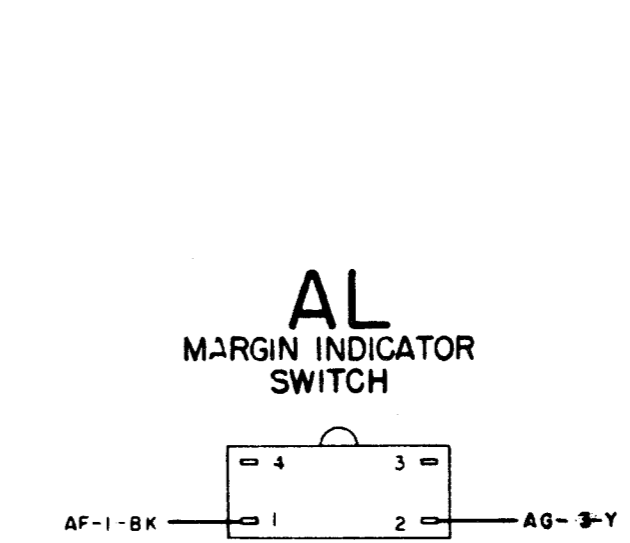
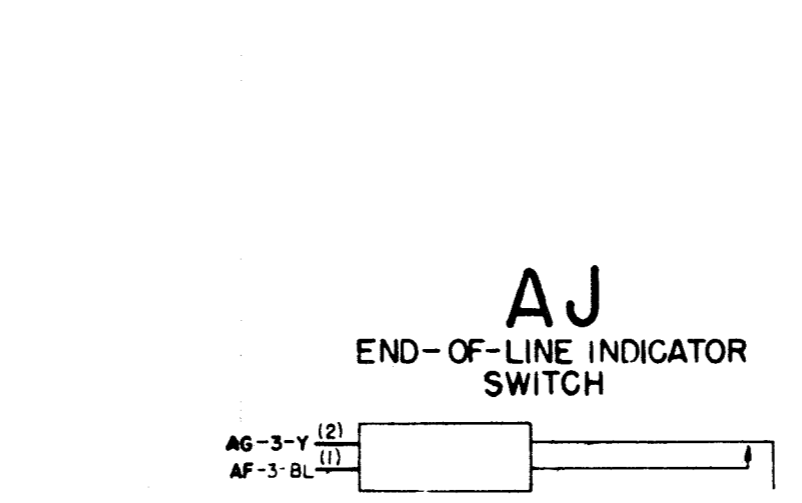
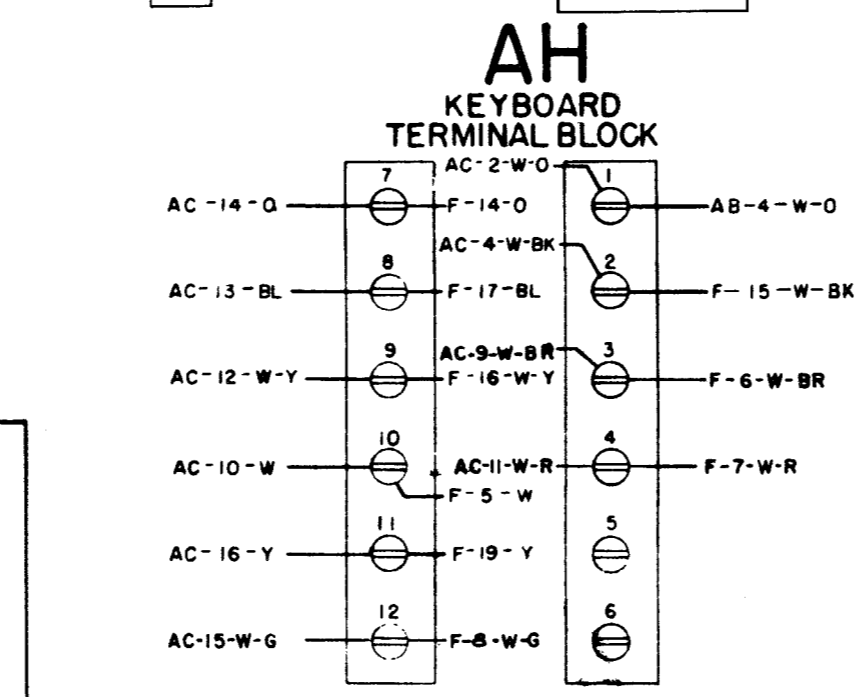
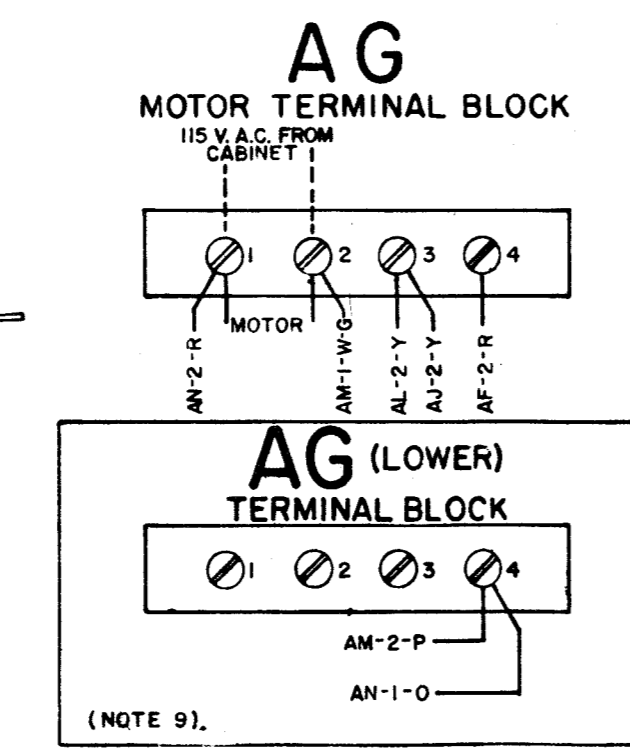
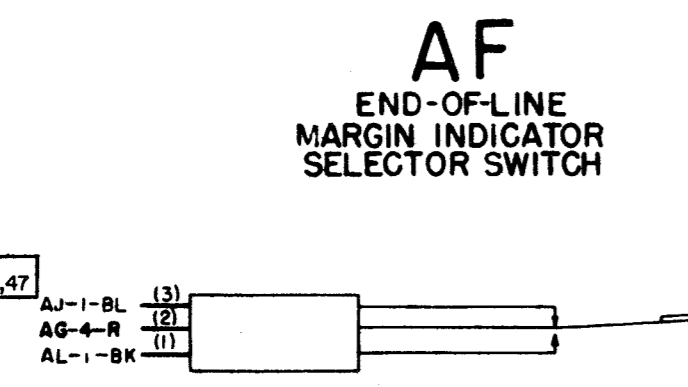
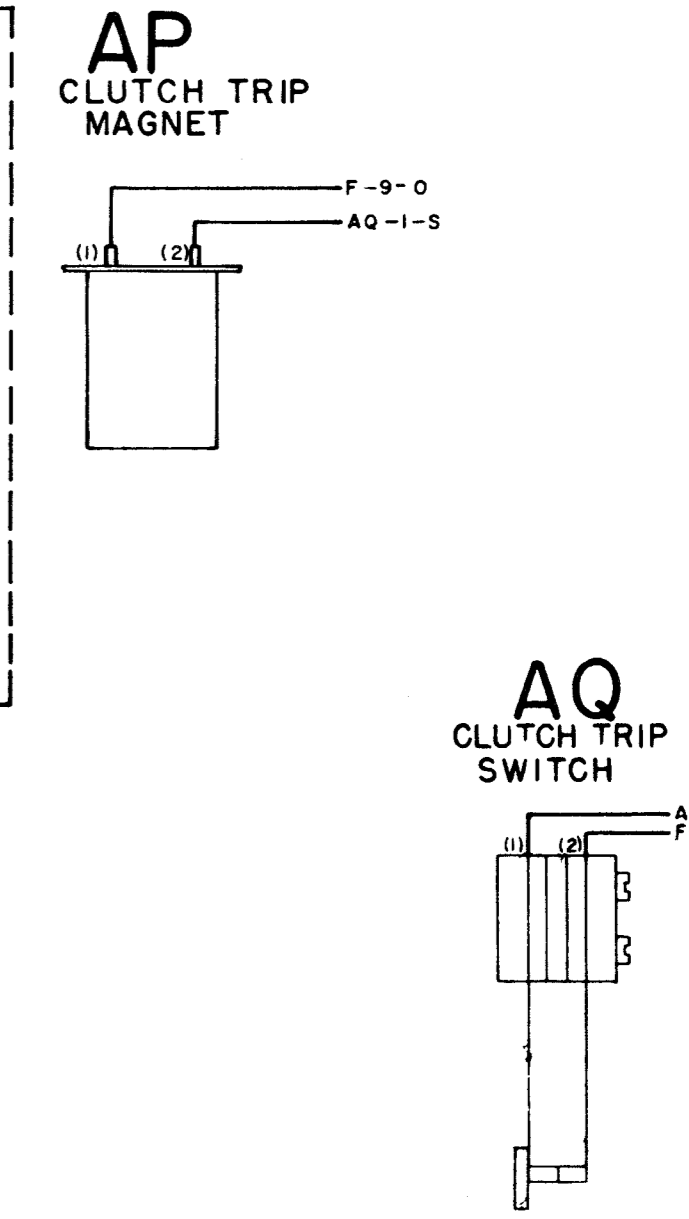
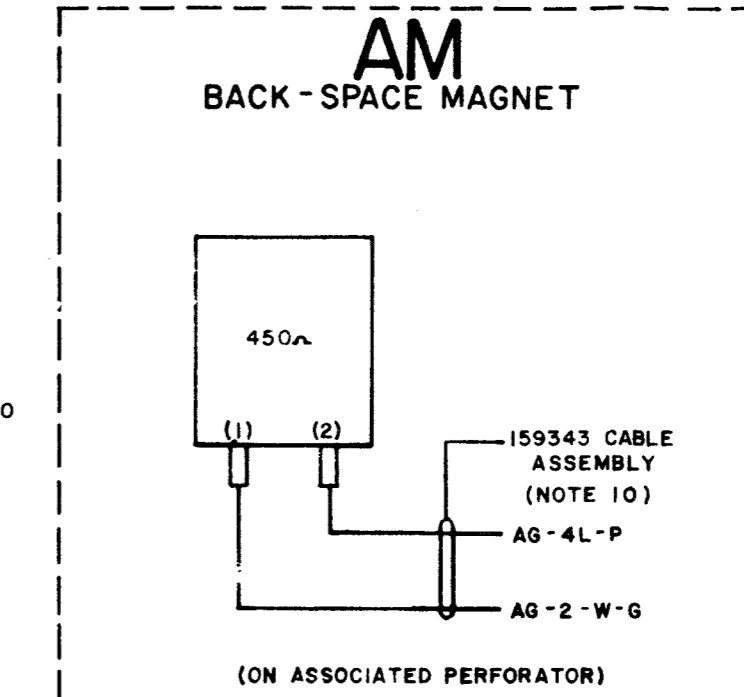
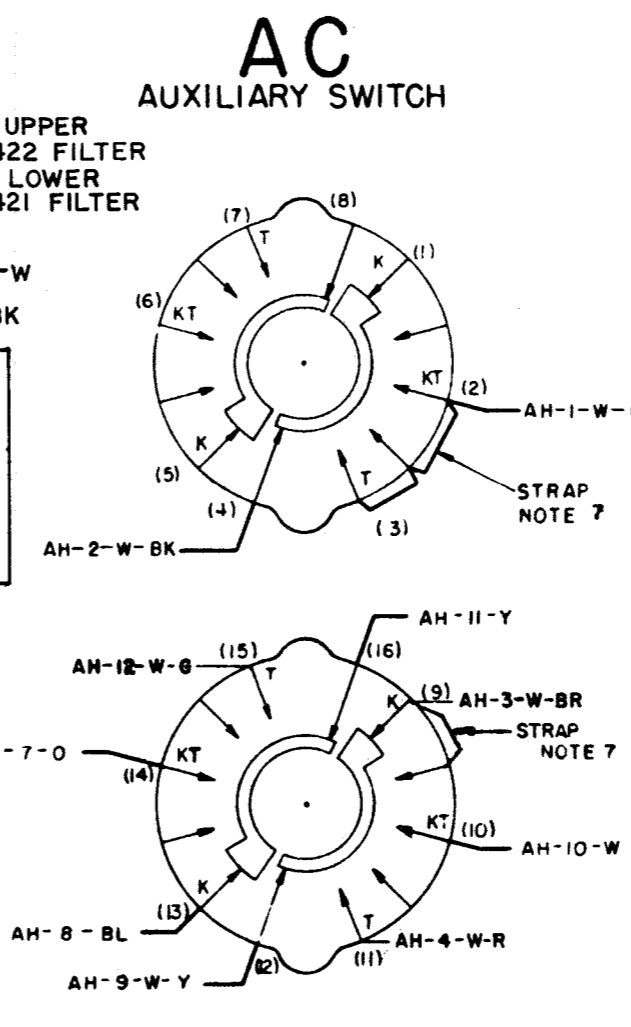
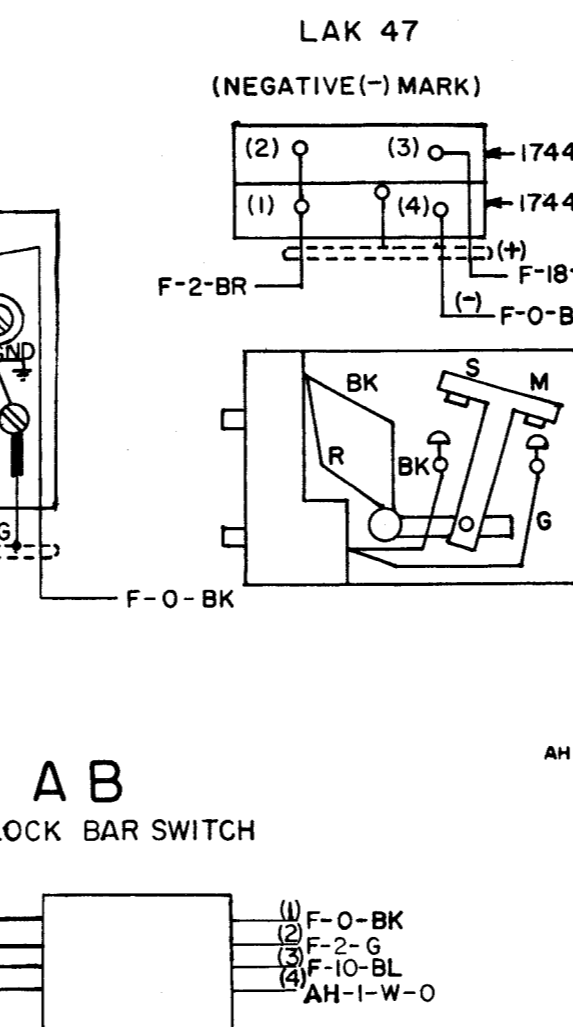
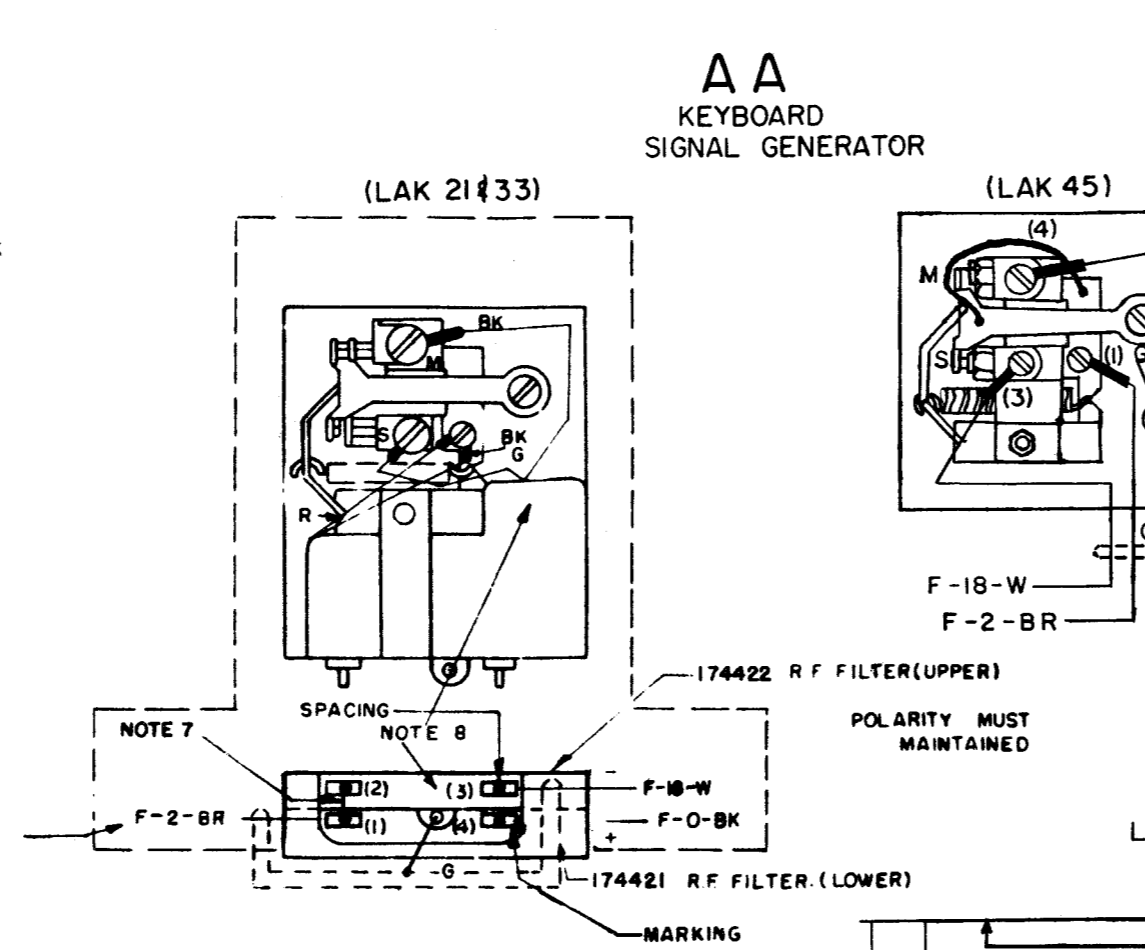
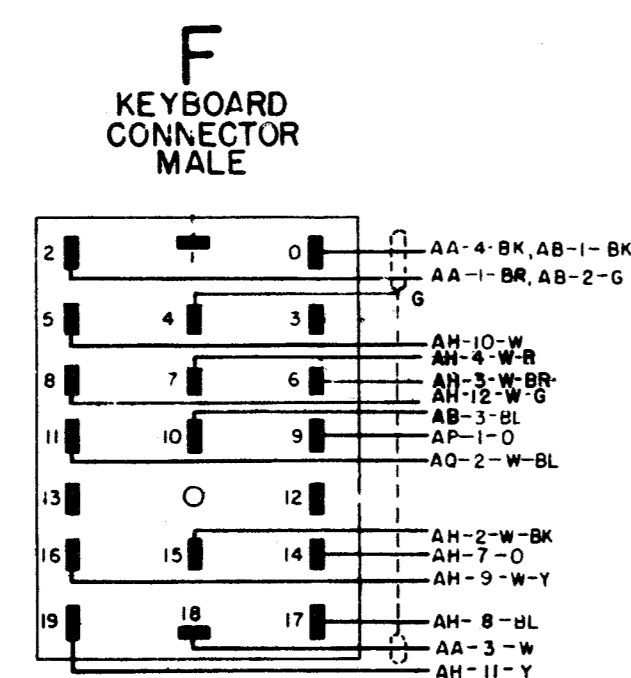
TELETYPE  
CORPORATION  
4262WD

| NOTES |  |    |        |     |            |
|-------|--|----|--------|-----|------------|
| ①     | POWER CIRCUITS WIRED FOR 115V. AC OR DC OPERATION. |    |        |     |            |
| ②     | WIRE COLOR CODE                                    |    |        |     |            |
| BK    | BLACK  | BL | BLUE   | BR  | BROWN      |
| R     | RED  | Y  | YELLOW | S   | SLATE      |
| P     | PURPLE   | O  | ORANGE | WBL | WHITE BLUE |
| G     | GREEN  | W  | WHITE  |     |            |
| ③     | CONNECTORS VIEWED FROM SOLDER TERMINAL ENDS.       |    |        |     |            |



POLARITY MUST BE MAINTAINED

|            |   |            |                      |            |                      |         |                   |            |                      |            |                      |           |                     |           |                     |            |                      |           |                     |           |  |
|------------|---|------------|----------------------|------------|----------------------|---------|-------------------|------------|----------------------|------------|----------------------|-----------|---------------------|-----------|---------------------|------------|----------------------|-----------|---------------------|-----------|--|
| NO         | NOTES:  |            |                      |            |                      |         |                   |            |                      |            |                      |           |                     |           |                     |            |                      |           |                     |           |  |
| 1.         | <p>WIRING LEGEND.</p> <p>DISTANT TERMINATING AREA<br/>DISTANT TERMINAL DESIGNATION<br/>WIRE COLOR CODE</p>  |            |                      |            |                      |         |                   |            |                      |            |                      |           |                     |           |                     |            |                      |           |                     |           |  |
| 2.         | <p>COLOR CODE:</p> <table border="0"> <tr> <td>BK - BLACK</td> <td>W-BK - WHITE - BLACK</td> </tr> <tr> <td>BR - BROWN</td> <td>W-BR - WHITE - BROWN</td> </tr> <tr> <td>R - RED</td> <td>W-R - WHITE - RED</td> </tr> <tr> <td>O - ORANGE</td> <td>W-O - WHITE - ORANGE</td> </tr> <tr> <td>Y - YELLOW</td> <td>W-Y - WHITE - YELLOW</td> </tr> <tr> <td>G - GREEN</td> <td>W-G - WHITE - GREEN</td> </tr> <tr> <td>BL - BLUE</td> <td>W-BL - WHITE - BLUE</td> </tr> <tr> <td>P - PURPLE</td> <td>W-P - WHITE - PURPLE</td> </tr> <tr> <td>W - WHITE</td> <td>W-S - WHITE - SLATE</td> </tr> <tr> <td>S - SLATE</td> <td></td> </tr> </table> | 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 |  |
| 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.         | UNIT WIRED FOR 115 VOLTS AC OR DC POWER INPUT.  |            |                      |            |                      |         |                   |            |                      |            |                      |           |                     |           |                     |            |                      |           |                     |           |  |
| 4.         | PLUGS VIEWED FROM SOLDER TERMINAL ENDS.   |            |                      |            |                      |         |                   |            |                      |            |                      |           |                     |           |                     |            |                      |           |                     |           |  |
| 5.         | ALL CONTACTS SHOWN IN UNOPERATED POSITION IN KEYBOARD.  |            |                      |            |                      |         |                   |            |                      |            |                      |           |                     |           |                     |            |                      |           |                     |           |  |
| 6.         | <p>ASSOCIATED CABLES.</p> <p>164379 CABLE ASSEMBLY, CLUTCH TRIP<br/>173454 CABLE ASSEMBLY, KEYBOARD BASE (LAK 21, 33)<br/>174314 CABLE ASSEMBLY, AUX SWITCH<br/>173711 CABLE ASSEMBLY, MARGIN INDICATOR<br/>155992 CABLE ASSEMBLY, BACKSPACE (LAK 33, 45 &amp; 47)<br/>159343 CABLE ASSEMBLY, BACKSPACE<br/>307287 CABLE ASSEMBLY, KEYBOARD BASE (LAK 45)</p>   |            |                      |            |                      |         |                   |            |                      |            |                      |           |                     |           |                     |            |                      |           |                     |           |  |
| 7.         | BARE WIRE STRAP 39522 RM.   |            |                      |            |                      |         |                   |            |                      |            |                      |           |                     |           |                     |            |                      |           |                     |           |  |
| 8.         | <p>FOR PROPER R.F. FILTERING, POLARITY OF FILTERS MUST BE MAINTAINED. UNIT AS FURNISHED IS WIRED FOR "MARKING" CONTACT POSITIVE (+) "SPACING" CONTACT NEGATIVE (-). TO REVERSE POLARITY ON CONTACTS SO THAT THE "MARKING" CONTACT IS NEGATIVE (-) AND "SPACING" CONTACT POSITIVE (+), MAKE THE FOLLOWING CONNECTIONS IN THE CONTACTS BOX ASSEMBLY.</p> <ol style="list-style-type: none"> <li>1. MOVE BLACK LEAD OF THE BOTTOM FILTER FROM "MARKING" CONTACT TO "SPACING" CONTACT.</li> <li>2. MOVE GREEN LEAD OF TOP FILTER FROM THE "SPACING" CONTACT TO THE "MARKING" CONTACT.</li> </ol>  |            |                      |            |                      |         |                   |            |                      |            |                      |           |                     |           |                     |            |                      |           |                     |           |  |
| 9.         | BACKSPACE COMPONENTS AND ASSOCIATED WIRING ON LAK 33, 45, 47, ONLY - THE AG (LOWER) TERMINAL BLOCK LOCATED DIRECTLY BENEATH THE AG MOTOR TERMINAL BLOCK ON LAK.   |            |                      |            |                      |         |                   |            |                      |            |                      |           |                     |           |                     |            |                      |           |                     |           |  |
| 10.        | TAPE AND TIE BACK BOTH LEADS OF THE 159343 CABLE ASSEMBLY WHEN THE ASSOCIATED PERFORATING UNIT FOR THE LAK IS NOT EQUIPPED WITH THE POWER BACKSPACE FEATURE.  |            |                      |            |                      |         |                   |            |                      |            |                      |           |                     |           |                     |            |                      |           |                     |           |  |



|  |          |           |
|--|----------|-----------|
| 4263WD   |          |           |
| REVISIONS  |          |           |
| ISSUE  | DATE     | AUTH. NO. |
| 2  | 8-24-60  | CC 94     |
| 3  | 11-18-60 | CC 182    |
| 4  | 8-7-62   | 74054     |
| 5  | 2-9-63   | 75940     |
| 5A   | 9-23-64  | 83065     |
| 5B   | 11-13-64 | 84170     |
| 5C   | 3-12-65  | 86449     |
| P  |          |           |
| APPROVALS  |          |           |
| D AND R  | E OF M   |           |
| E-NUMBER   |          |           |
| PROD. NO. 4263 WD.   |          |           |
| ACTUAL WIRING DIAGRAM MODEL 28 KEYBOARD BASE LAK 21, 33, 45 47 |          |           |
| DATE: 6-9-60   |          |           |
| P.D. FILE NO. 18-A65/2.219A                                    |          |           |
| DRAWN: E.M. CHKD: [Signature]                                  |          |           |
| ENGD. D.C.L. APPD.   |          |           |
| TELETYPE CORPORATION   |          |           |
| 4263WD   |          |           |

| 4264 WD |          |         |
|---------|----------|---------|
| ISSUE   | DATE     | AUTH NO |
| 2       | 9-24-60  | CC-102  |
| 3       | 11-18-60 | CC-102  |
| 4       | 5-16-62  | 73431   |
| 4A      | 9-9-64   | 83066   |
| 4B      | 3-8-65   | 86448   |

NOTES:

1. WIRING LEGEND:



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 |
| S - SLATE  | W-S - WHITE-SLATE  |
| W - WHITE  |                    |

3. CONNECTORS VIEWED FROM SOLDER TERMINAL ENDS

4. ALL CONTACTS SHOWN IN UNOPERATED POSITION.

5. ASSOCIATED CABLES:  
 173440 CABLE ASSEMBLY (LXD II)  
 307288 CABLE ASSEMBLY (LXD 29)

6. THE NUMBERS ENCLOSED BY PARENTHESES ARE USED FOR REFERENCE AND ARE NOT NECESSARILY SHOWN ON THE PARTS.

7. UNIT EQUIPPED WITH 262 COIL ASSEMBLY (RESISTANCE 210Ω EACH). THE OPERATING CURRENT MUST BE 50 MA. 120V DC FOR EXTERNAL PULSING.  
 FOR 110V AC NON-PULSING OPERATION, RELOCATE STRAP ON TERMINAL (1) TO TERMINAL (2). ADD STRAP BETWEEN TERMINALS (1) AND (4) FOR PARALLEL OPERATION OF MAGNETS.

8. 195377 SPARK SUPPRESSOR ASSEMBLY (185A NETWORK) USED ON LXD 29 ONLY.

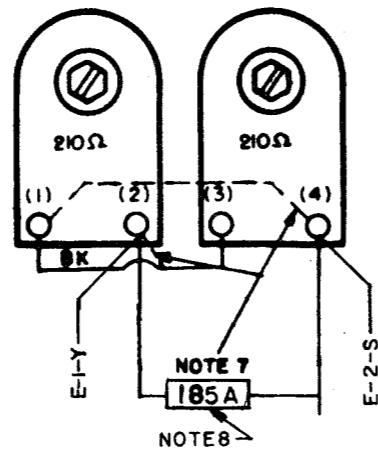
9. TERMINAL NO. 21 ON CONNECTOR E IS RESERVED FOR POLAR SIGNAL.

10. STRAP WITH # 22 GAUGE WIRE AS INDICATED.

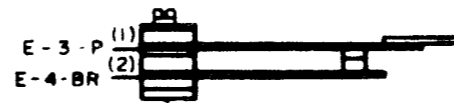
11. FOR PROPER R.F. FILTERING, POLARITY OF FILTERS MUST BE MAINTAINED. UNIT AS FURNISHED IS WIRED FOR "MARKING" CONTACT POSITIVE (+) "SPACING" CONTACT NEGATIVE (-). TO REVERSE POLARITY OF CONTACTS SO THAT THE "MARKING" CONTACT IS NEGATIVE (-) AND "SPACING" POSITIVE (+), MAKE THE FOLLOWING CONNECTIONS IN CONTACT BOX ASSEMBLY.

1. MOVE BLACK LEAD OF BOTTOM FILTER FROM "MARKING" CONTACT TO "SPACING" CONTACT.
2. MOVE GREEN LEAD OF TOP FILTER FROM "SPACING" CONTACT TO "MARKING" CONTACT.

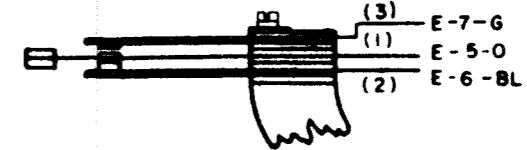
A  
 TRANSMITTER DISTRIBUTOR  
 CLUTCH MAGNETS



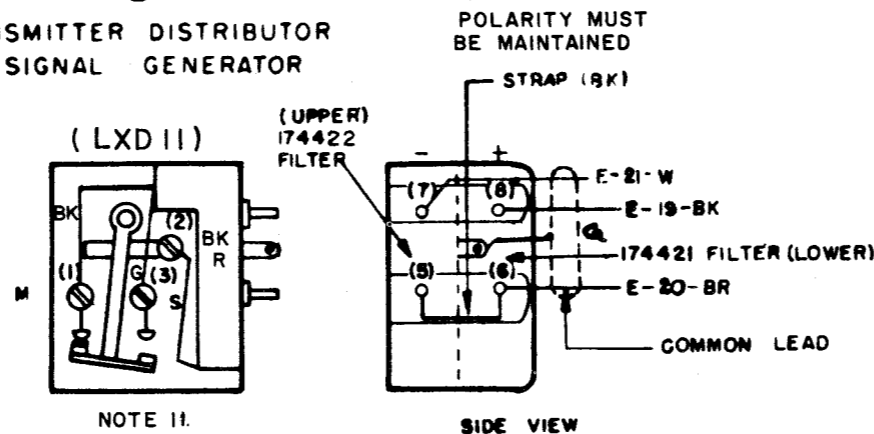
B  
 CONTROL LEVER  
 CONTACT ASSEMBLY



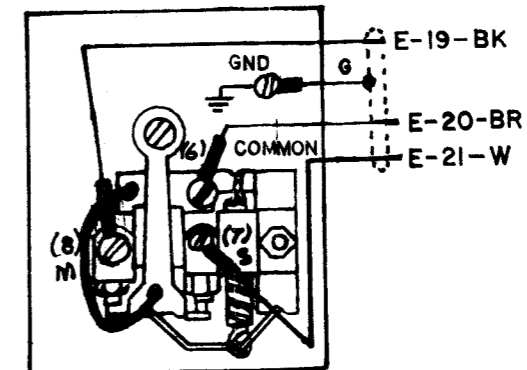
C  
 TAPE - OUT  
 CONTACT ASSEMBLY



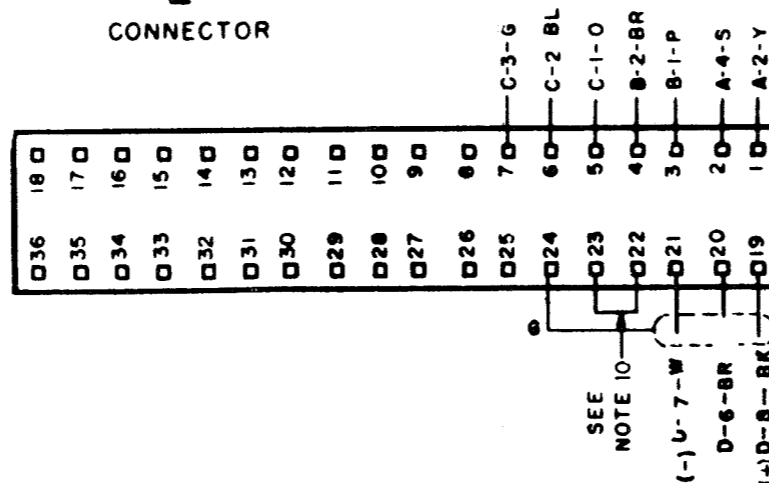
D  
 TRANSMITTER DISTRIBUTOR  
 SIGNAL GENERATOR



(LXD 29)



E  
 CONNECTOR



ACTUAL  
 WIRING DIAGRAM  
 MODEL 28  
 TRANSMITTER  
 DISTRIBUTOR  
 LXD II 29

APPROVALS  
 D AND R E OF M

E-NUMBER  
 PROD. NO. 4264 WD

DATE 6-8-60  
 PD FILE 18-A.65-2.219 A  
 DRAWN WPH CHKI  
 ENGD DCL APPD

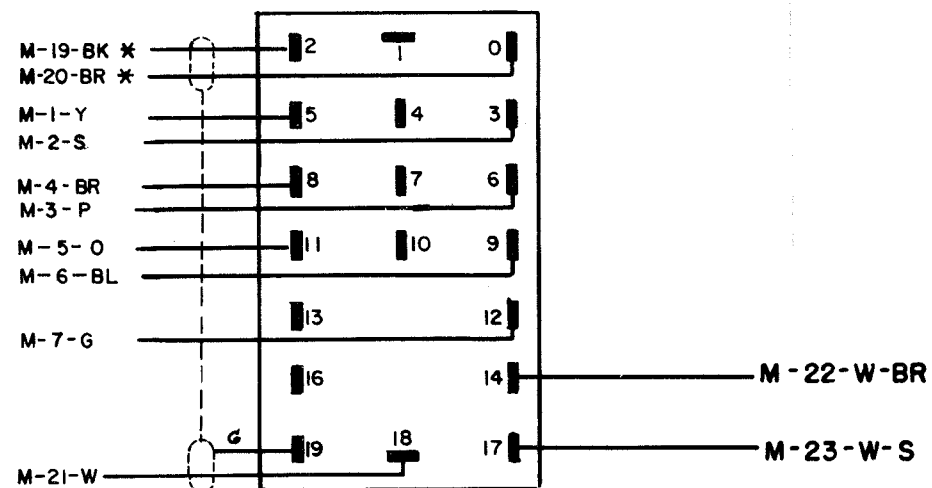
TELETYPE  
 CORPORATION  
 4264 WD

4265 WD

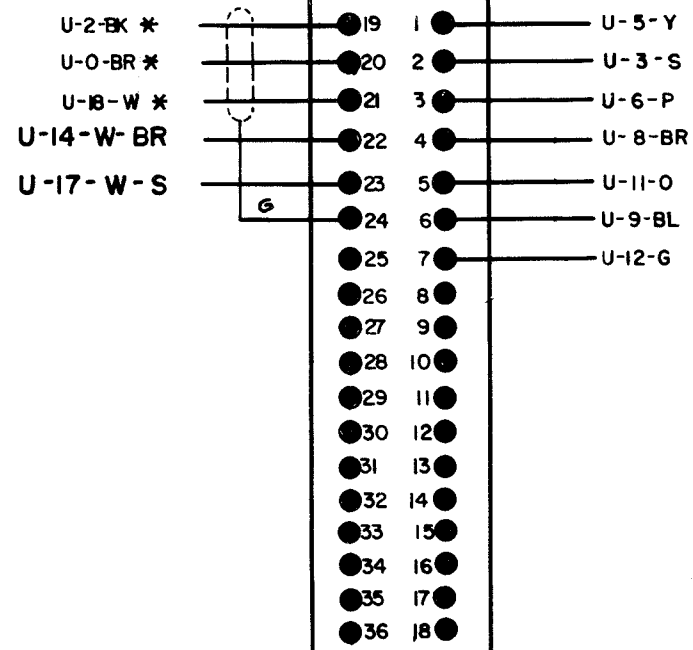
| ISSUE | DATE     | AUTH. NO. |
|-------|----------|-----------|
| A     | 9-28-60  | CC-106    |
| B     | 11-18-60 | CC-102    |
| C     | 1-2-62   | 72026     |

| NO. | NOTES  |    |        |    |       |   |        |   |       |   |        |   |        |    |      |   |       |
|-----|--|----|--------|----|-------|---|--------|---|-------|---|--------|---|--------|----|------|---|-------|
| 1.  | <p><b>WIRING LEGEND</b></p> <p>A - I - W</p>   |    |        |    |       |   |        |   |       |   |        |   |        |    |      |   |       |
| 2.  | <p><b>COLOR CODE:</b></p> <table border="0"> <tr> <td>BK</td> <td>BLACK</td> <td>BR</td> <td>BROWN</td> </tr> <tr> <td>Y</td> <td>YELLOW</td> <td>S</td> <td>SLATE</td> </tr> <tr> <td>P</td> <td>PURPLE</td> <td>O</td> <td>ORANGE</td> </tr> <tr> <td>BL</td> <td>BLUE</td> <td>W</td> <td>WHITE</td> </tr> </table> | BK | BLACK  | BR | BROWN | Y | YELLOW | S | SLATE | P | PURPLE | O | ORANGE | BL | BLUE | W | WHITE |
| BK  | BLACK  | BR | BROWN  |    |       |   |        |   |       |   |        |   |        |    |      |   |       |
| Y   | YELLOW   | S  | SLATE  |    |       |   |        |   |       |   |        |   |        |    |      |   |       |
| P   | PURPLE   | O  | ORANGE |    |       |   |        |   |       |   |        |   |        |    |      |   |       |
| BL  | BLUE   | W  | WHITE  |    |       |   |        |   |       |   |        |   |        |    |      |   |       |
| 3.  | CONNECTIONS VIEWED FROM SOLDER TERMINAL ENDS.  |    |        |    |       |   |        |   |       |   |        |   |        |    |      |   |       |
| 4.  | ASSOCIATED CABLE 173448  |    |        |    |       |   |        |   |       |   |        |   |        |    |      |   |       |
| 5.  | ASSOCIATED SCHEMATIC WIRING DIAGRAM 4275WD   |    |        |    |       |   |        |   |       |   |        |   |        |    |      |   |       |
| 6.  | (*) ASTERISK INDICATES 3 WIRE SHIELDED CABLE.  |    |        |    |       |   |        |   |       |   |        |   |        |    |      |   |       |

**U**  
TRANSMITTER BASE  
CONNECTOR (PLUG)



**M**  
TRANSMITTER  
CONNECTOR  
(RECEPTACLE)



**ACTUAL  
WIRING DIAGRAM  
FOR  
LCXB13**

**APPROVALS**

|                          |        |
|--------------------------|--------|
| D AND R<br><i>O.A.L.</i> | E OF M |
|--------------------------|--------|

E-NUMBER

PROD. NO. 4265WD

DATE: 6-23-60

P.D. FILE NO. 18-A65/2219A

|               |                          |
|---------------|--------------------------|
| DRAWN. N.K.G. | CHKD. <i>[Signature]</i> |
| ENGD. D.C.L.  | APPD. <i>[Signature]</i> |

**TELETYPE  
CORPORATION**

**4265 WD**

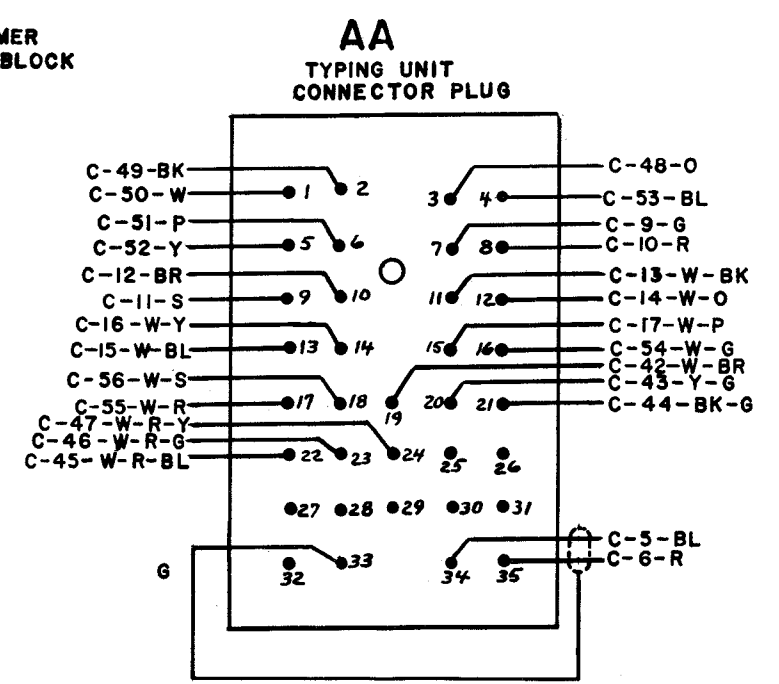
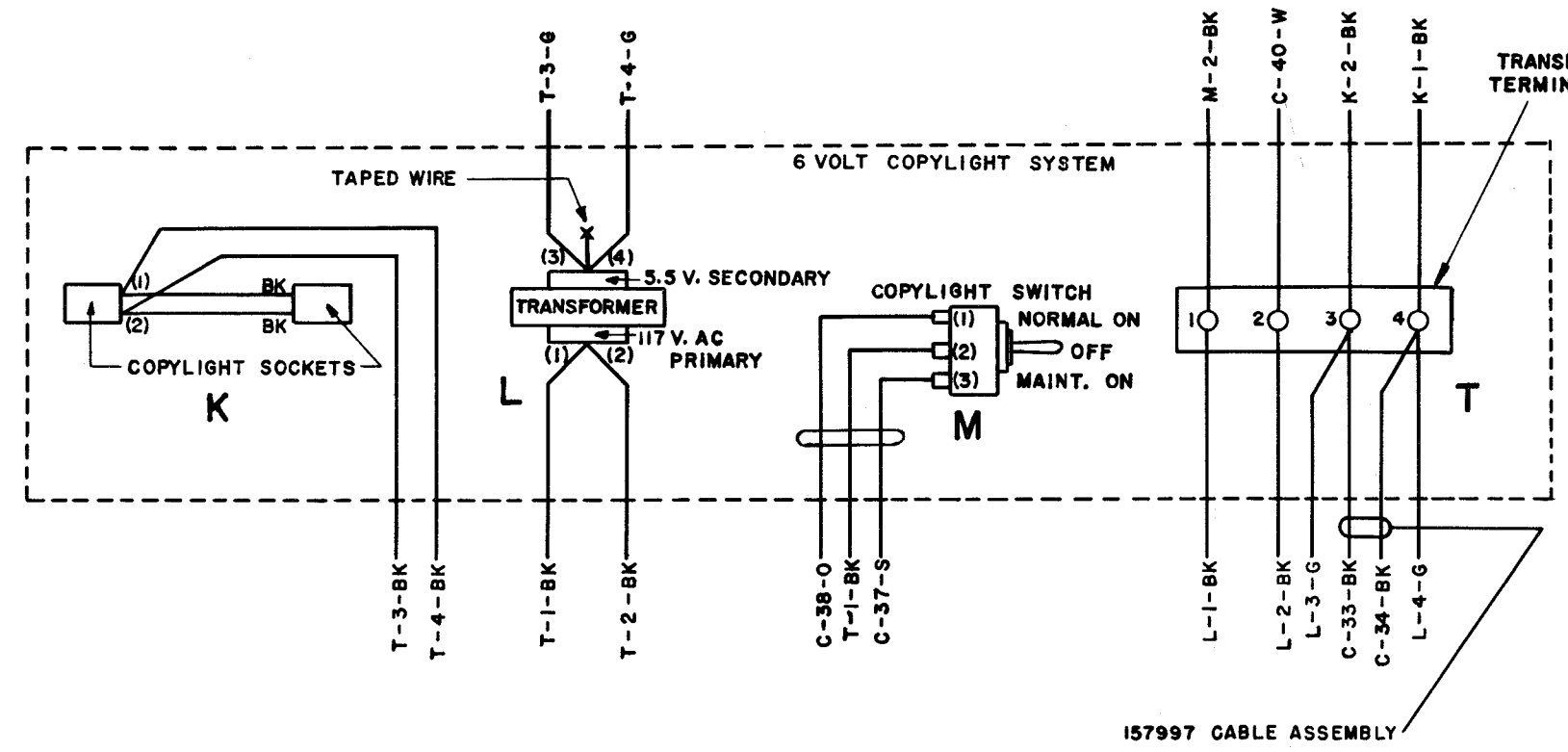
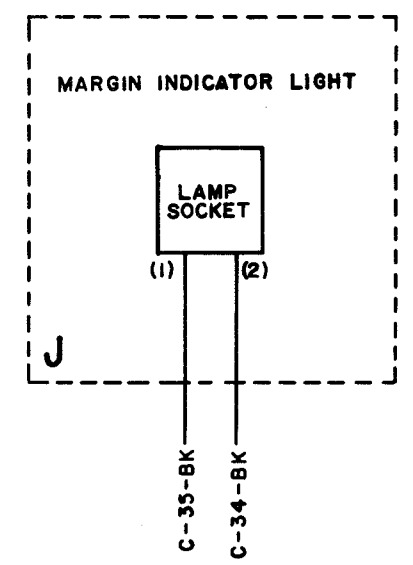
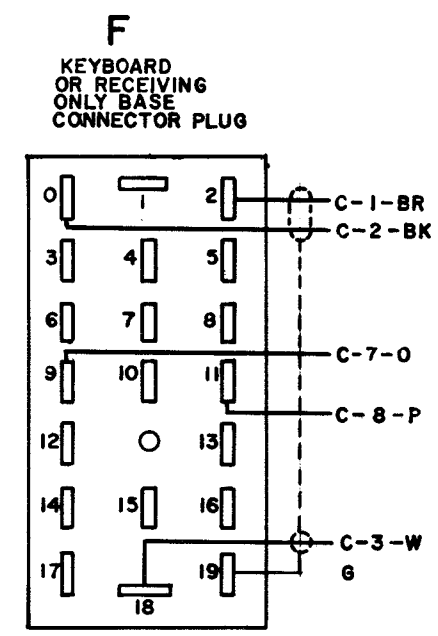
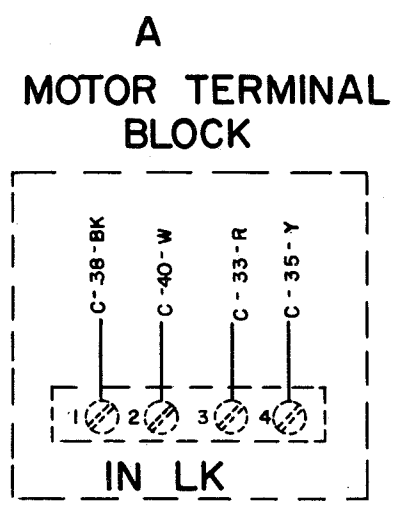
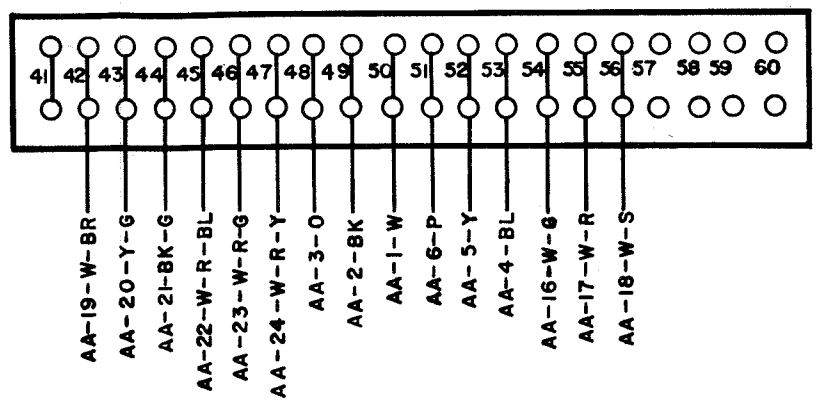
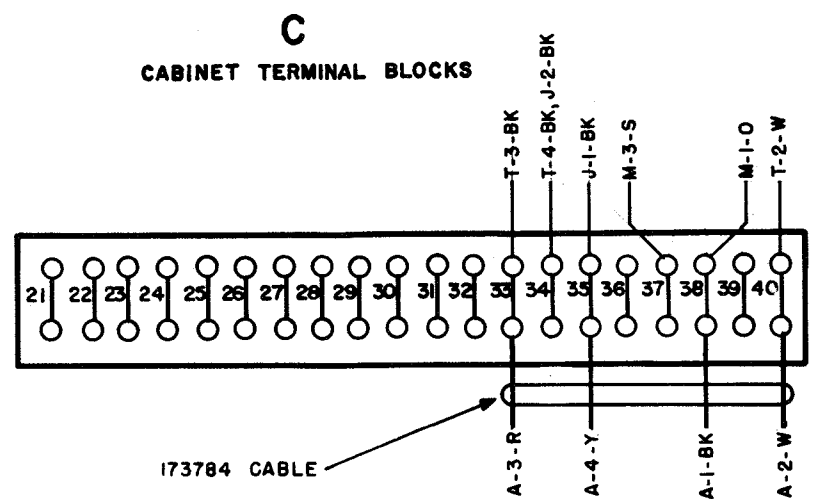
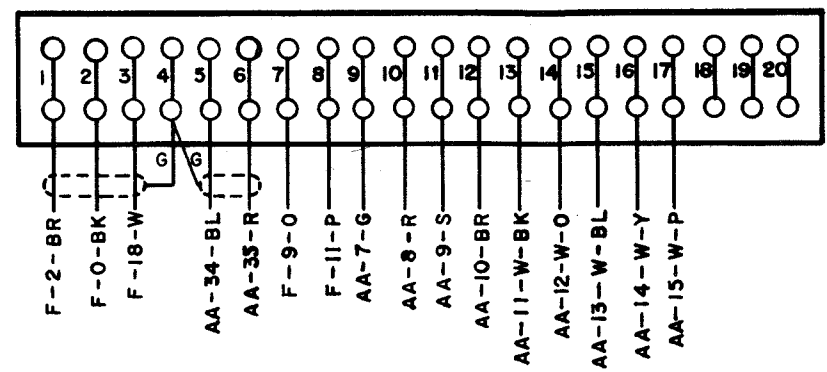






| 4268WD    |          |           |
|-----------|----------|-----------|
| REVISIONS |          |           |
| ISSUE     | DATE     | AUTH. NO. |
| 1         | 9-28-60  | CC-106    |
| 2         | 11-18-60 | CC-182    |
| 3         | 2-20-61  | 69061     |
| 4         | 8-17-65  | 86933     |

- NO. NOTES
- WIRING LEGEND:**
- DISTANT TERMINATING AREA
  - DISTANT TERMINAL DESIGNATION
  - WIRE COLOR CODE
- COLOR CODE:**
- BK = BLACK P = PURPLE W-BK = WHITE-BLACK W-P = WHITE-PURPLE
  - BL = BLUE R = RED W-BL = WHITE-BLUE W-R = WHITE-RED
  - BR = BROWN S = SLATE W-BR = WHITE-BROWN W-S = WHITE-SLATE
  - G = GREEN Y = YELLOW W-G = WHITE-GREEN W-Y = WHITE-YELLOW
  - O = ORANGE W = WHITE W-O = WHITE-ORANGE
- COMPONENTS SHOWN DOTTED ARE ACCESSORIES TO CABINET.
  - CABINET POWER CIRCUIT WIRED FOR 115V. 50-60~AC OPERATION ONLY.
  - CONNECTORS VIEWED FROM SOLDER TERMINAL END.
  - SHIELDING STRAP OF SELECTOR CABLE.



**APPROVALS**

|            |        |
|------------|--------|
| D AND R    | E OF M |
| <i>DAV</i> |        |

E-NO.

PROD. NO. 4 268 WD

**ACTUAL**

WIRING DIAGRAM FOR MODEL 28 PAGE PRINTER CABINET.

LAC 204, 2/4

ARRANGED FOR A. C. APPLICATION ACC. GROUPS 255

DATE: 6-1-60

P.D. FILE NO. 13-A. 65.219A

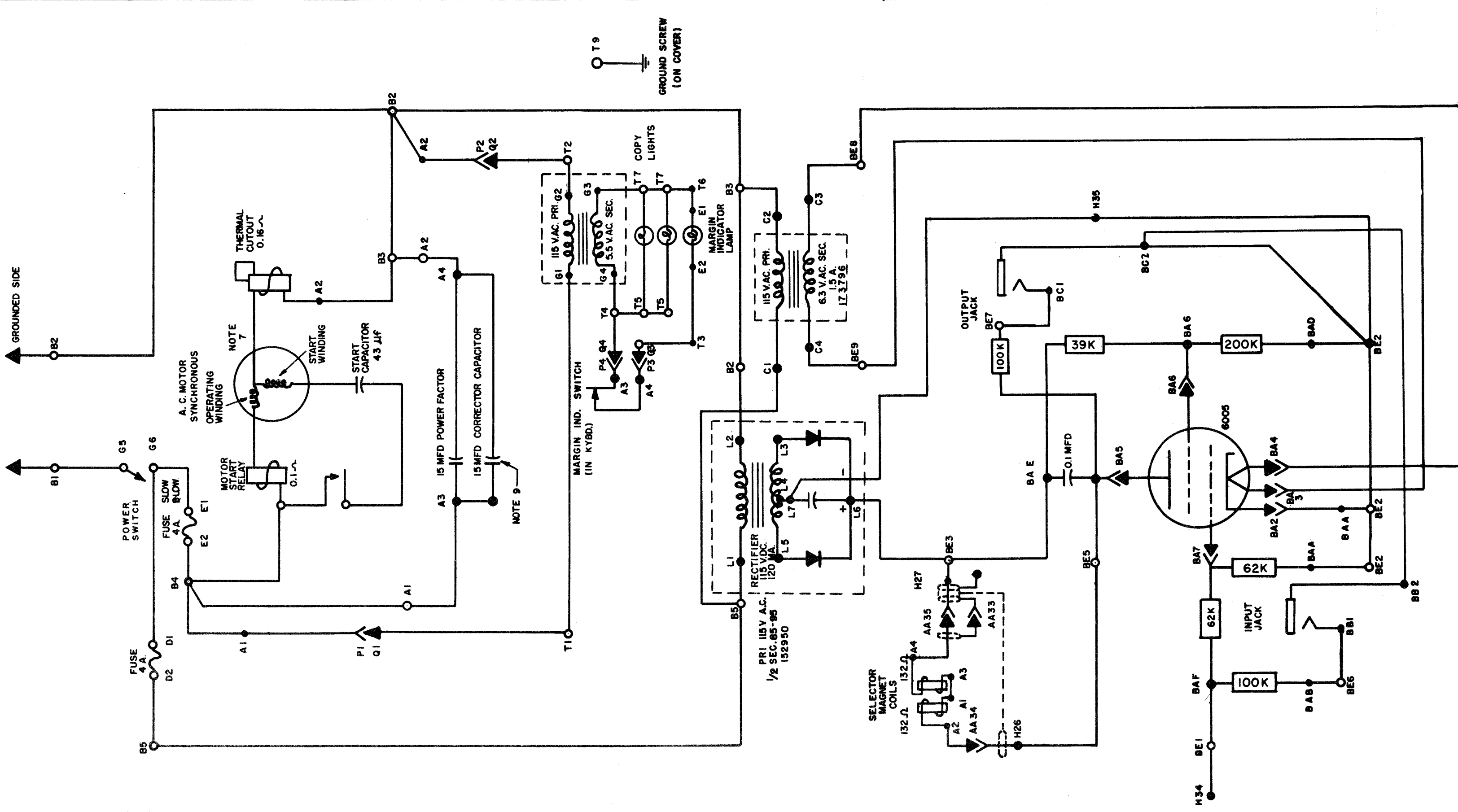
DRAWN: A.D. CHKD: *[Signature]*

ENGD: V.A.C. APPD: *[Signature]*

**TELETYPE CORPORATION**

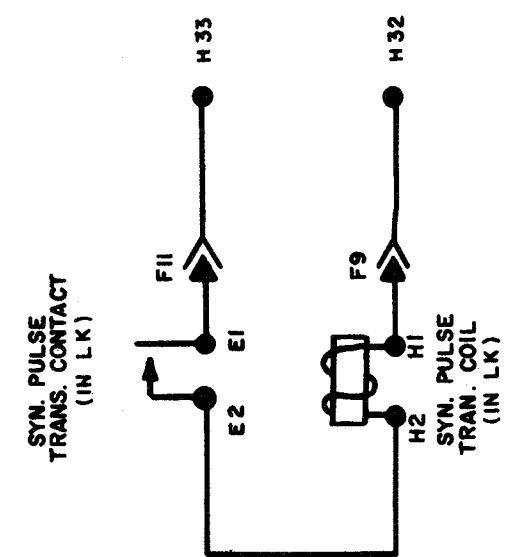
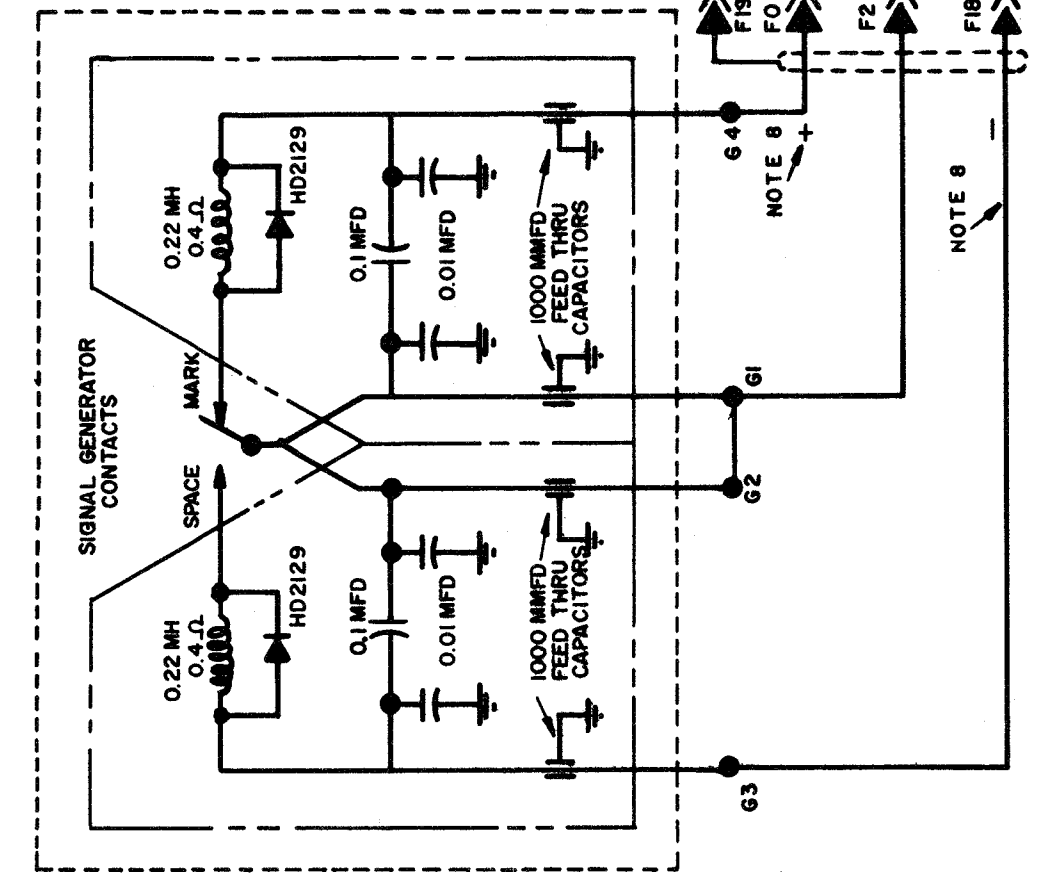
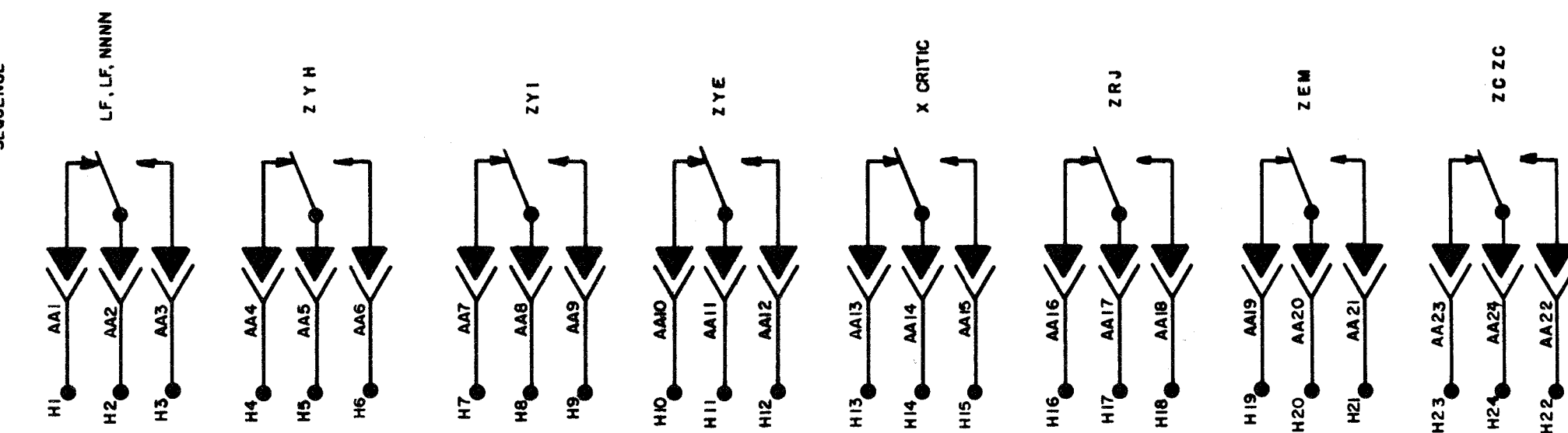
**4268WD**

63  
64



ELECTRONIC KEYS ASSEMBLY

CONTACTS IN STUNT BOX (LP)

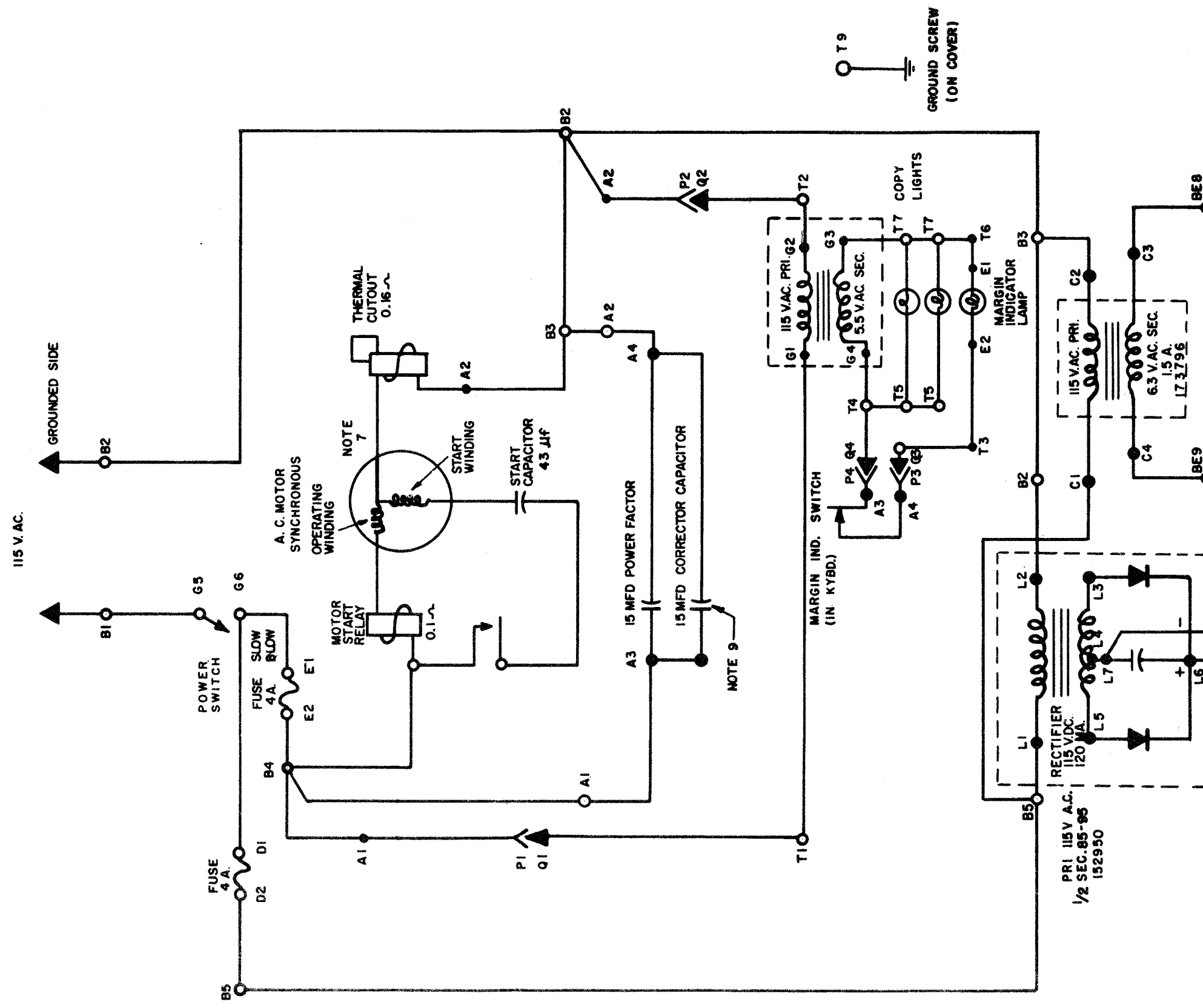


| 4269WD    |         |           |
|-----------|---------|-----------|
| REVISIONS |         |           |
| ISSUE     | DATE    | AUTH. NO. |
| A         | 7-28-60 | CC-106    |
| B         | 7-6-61  | 70867     |

SCHEMATIC WIRING DIAGRAM FOR RACK MOUNTED PAGE PRINTER SET 173395  
173816 ELECTRICAL SERVICE ASSEMBLY

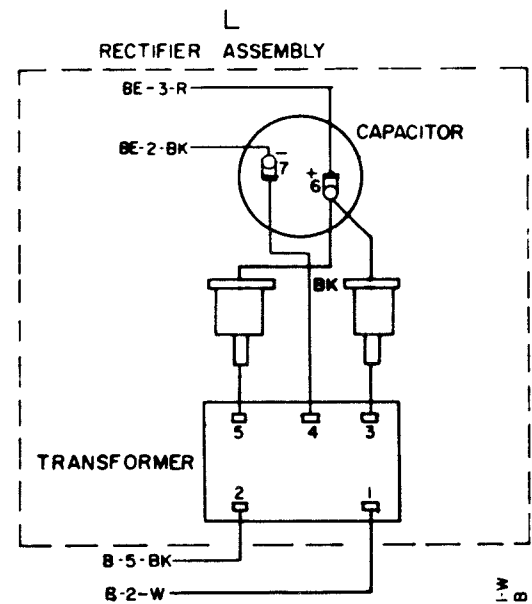
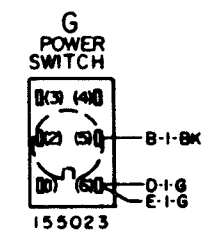
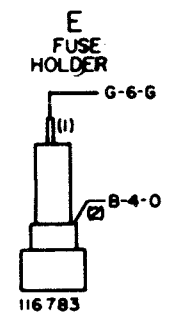
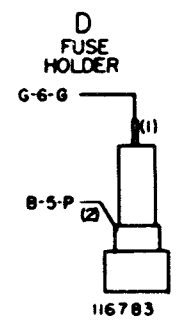
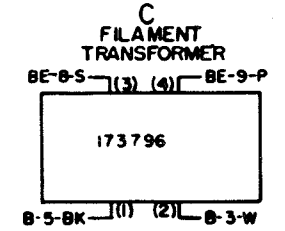
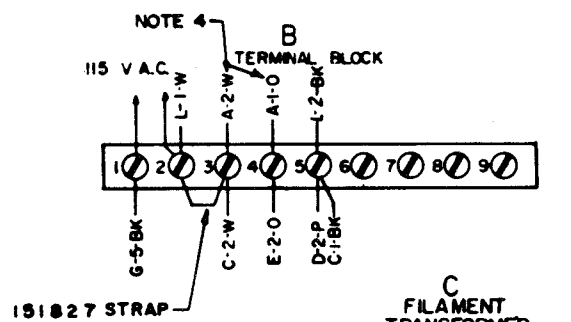
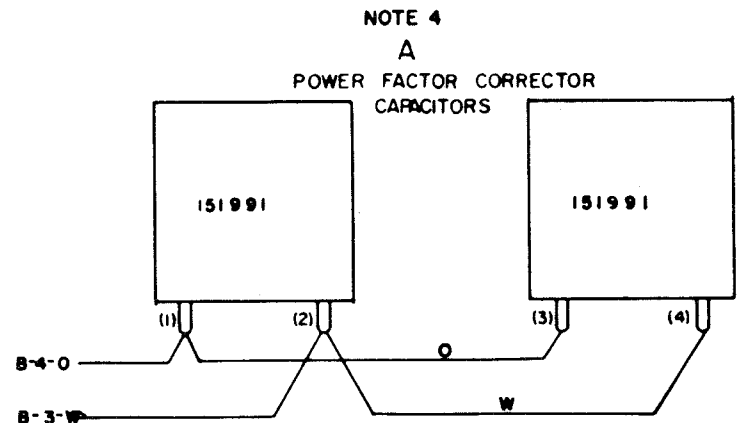
| APPROVALS                    |                   |
|------------------------------|-------------------|
| D B R                        | E / M             |
| E-NO.                        |                   |
| PROD. NO. 4269 WD            |                   |
| DATE: 7-7-60                 |                   |
| P.D. FILE NO. 18-A.65/2.219A |                   |
| DRAWN WPH                    | CHKD [Signature]  |
| ENGD. D.C.L.                 | APPD. [Signature] |
| TELETYPE CORPORATION         |                   |
| 4269 WD                      |                   |

- NO. NOTES**
1. FOR ACTUAL WIRING DIAGRAMS OF INDIVIDUAL UNITS SEE:
- | WD NO.  | UNITS DIRECTLY OPERABLE   |
|---------|---------------------------|
| 4270 WD | ELECTRICAL SERVICE ASSEM. |
| 4257 WD | CABINET LPC               |
| 4262 WD | KEYBOARD LK               |
| 2900 WD | MOTOR UNIT LMU3           |
| 4196 WD | PAGE TYPING UNIT-LP       |
2. LEGEND:
- A KEYBOARD OR REC. ONLY TERM. BLOCK
  - B POWER TERM. BLOCK (E.S.U.)
  - C FILAMENT TRANSFORMER (E. S. U.)
  - ▲ F KEYBOARD CONNECTOR
  - L 120 MA RECTIFIER
  - H 120 POINT TERM. BLOCK (E. S. U.)
  - ▲ P BASE CONNECTOR
  - ▲ Q COVER CONNECTOR LPC
  - T COVER TERM. BLOCK LPC
  - ▲ AA PRINTER CONNECTOR
  - ▲ BA TURRET SOCKET (E. S. U.)
  - BE TERMINAL BLOCK (ELECTRONIC KEYS)
3. DOT DASH (·—·—) LINES INDICATE FILTERING, SHIELDING AND SUPPRESSION NETWORK.
4. ALL APPARATUS SHOWN IN UNOPERATED OR DE-ENERGIZED POSITIONS.
5. RESISTANCE VALUES IN OHMS (Ω)  
INDUCTANCE VALUES IN MICROHENRIES (μH or MH)  
CAPACITANCE VALUES IN MICROFARADS (μf or MH)
6. CIRCUITS SHOWN FOR POLAR SIGNAL LINE OPERATION.
7. USE SYNCHRONOUS MOTOR ON REGULATED 60 ~ (±1%) A.C. POWER ONLY. GOVERNED MOTORS AND OTHER POWER CIRCUITS OPERABLE ON 50-60 ~ UNREGULATED A.C.
8. POLARITY AS INDICATED MUST BE OBSERVED FOR PROPER R.F. FILTER OPERATION.
9. POWER FACTOR CORRECTION IS NOT SUPPLIED WITH 173816 ELECTRICAL SERVICE ASSEMBLY.



|           |          |         |
|-----------|----------|---------|
| 4270WD    |          |         |
| REVISIONS |          |         |
| ISSUE     | DATE     | AUTH NO |
| 1         | 7-22-60  | CE-104  |
| 2         | 10-26-60 | CE-104  |
| 3         | 4-21-61  | CE-104  |
| 4         | 1-18-62  | CE-104  |

|    |   |
|----|---|
| NO | NOTES   |
| 1  | WIRING LEGEND<br><br>DISTANT TERMINATING AREA<br>DISTANT TERMINAL DESIGNATION<br><br>WIRE COLOR CODE  |
| 2  | COLOR CODE<br>BK-BLACK<br>BR-BROWN<br>R-RED<br>O-ORANGE<br>Y-YELLOW<br>G-GREEN<br>BL-BLUE<br>P-PURPLE<br>W-WHITE<br>S-SLATE<br><br>W-BK-WHITE-BLACK<br>W-BR-WHITE-BROWN<br>W-R-WHITE-RED<br>W-O-WHITE-ORANGE<br>W-Y-WHITE-YELLOW<br>W-G-WHITE-GREEN<br>W-BL-WHITE-BLUE<br>W-P-WHITE-PURPLE<br>W-S-WHITE-SLATE |
| 3  |   |
| 4  | POWER FACTOR CORRECTION CAPACITORS ARE NOT INCLUDED IN THE 173816 ELECTRICAL SERVICE ASSEMBLY.  |
| 5  | SEE 4269 WD FOR SCHEMATIC WIRING.   |

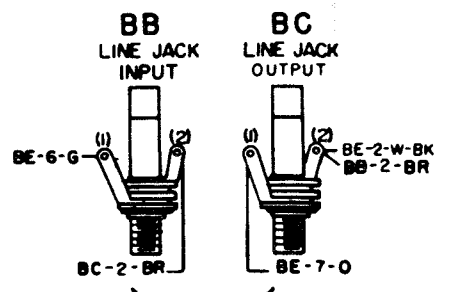
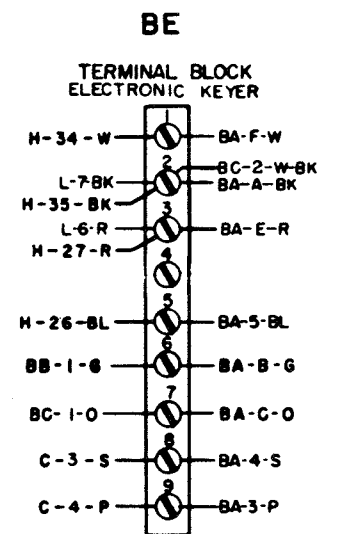
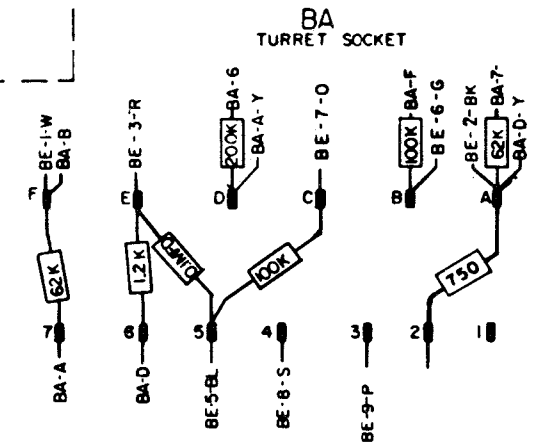


173845  
40-POINT TERMINAL BLOCK

|      |     |      |     |      |
|------|-----|------|-----|------|
| (4)  | --- | (1)  | --- | (4)  |
| (8)  | --- | (5)  | --- | (8)  |
| (12) | --- | (9)  | --- | (12) |
| (16) | --- | (13) | --- | (16) |
| (20) | --- | (17) | --- | (20) |
| (24) | --- | (21) | --- | (24) |
| (28) | --- | (25) | --- | (28) |
| (32) | --- | (29) | --- | (32) |
| (36) | --- | (33) | --- | (36) |
| (40) | --- | (37) | --- | (40) |

H  
LEADS CONNECTED TO INSIDE OF 40-POINT TERMINAL BLOCK

|    |  |    |  |    |         |    |         |
|----|--|----|--|----|---------|----|---------|
| 1  |  | 11 |  | 21 |         | 31 |         |
| 2  |  | 12 |  | 22 |         | 32 |         |
| 3  |  | 13 |  | 23 |         | 33 |         |
| 4  |  | 14 |  | 24 |         | 34 | BE-1 W  |
| 5  |  | 15 |  | 25 |         | 35 | BE-2 BK |
| 6  |  | 16 |  | 26 | BE-5 BL | 36 |         |
| 7  |  | 17 |  | 27 | BE-3 R  | 37 |         |
| 8  |  | 18 |  | 28 |         | 38 |         |
| 9  |  | 19 |  | 29 |         | 39 |         |
| 10 |  | 20 |  | 30 |         | 40 |         |

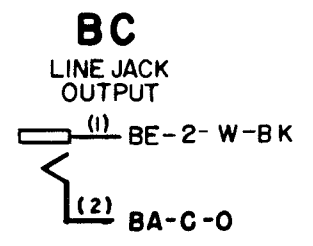
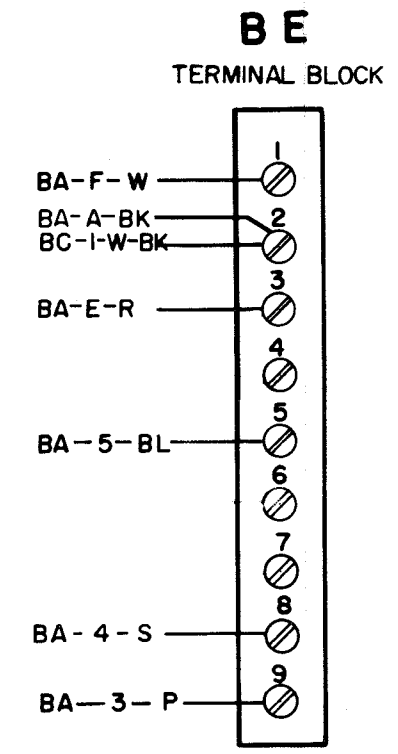
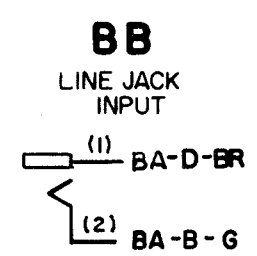
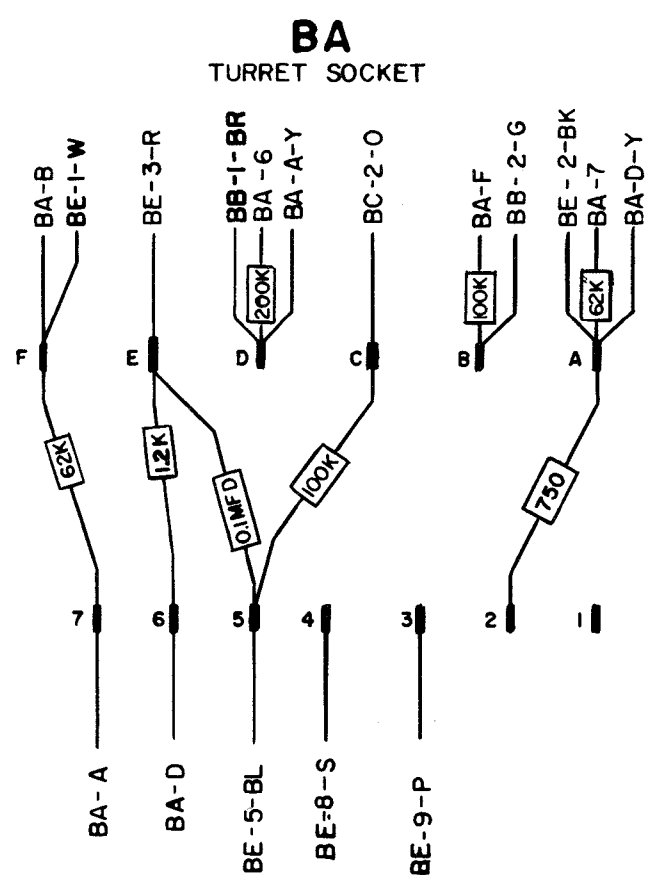


|  |          |
|--|----------|
| APPROVALS  |          |
| D AND R  | E OF M   |
| <i>0.9</i>   | <i>N</i> |
| E NUMBER   |          |
| PROD NO 4270 WD  |          |
| ACTUAL WIRING DIAGRAM ELECTRICAL SERVICE ASSEMBLY 173395 |          |
| 173816   |          |
| DATE 6-10-60   |          |
| PROFILE NO 18-A65/2 2/BA                                 |          |
| DRAWN NKG (CHKD)   |          |
| ENGD DCL APPD  |          |
| TELETYPE CORPORATION                                     |          |
| 4270 WD  |          |

4271 WD

| ISSUE | DATE    | AUTH. NO. |
|-------|---------|-----------|
| 2     | 4-10-65 | 86460     |
|       |         |           |
|       |         |           |
|       |         |           |

- NOTE
1. WIRING LEGEND:
- DISTANT TERMINATING AREA
  - DISTANT TERMINAL DESIGNATION
  - WIRE COLOR CODE
- AA-2-W
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  |
| S - SLATE  | W-S WHITE - SLATE  |
| P - PURPLE | W-P WHITE - PURPLE |
| W - WHITE  |                    |
3. ALL CONNECTORS VIEWED FROM SOLDER END.
4. TERMINAL DESIGNATIONS ENCLOSED IN PARENTHESES ARE NOT MARKED ON COMPONENTS.



ACTUAL  
WIRING DIAGRAM  
ELECTRONIC KEYS  
173779

APPROVALS

|                          |        |
|--------------------------|--------|
| D AND R<br><i>O.A.G.</i> | E OF M |
|--------------------------|--------|

E-NUMBER

PROD. NO. 4271WD

DATE: 6-4-60

P.D. FILE NO. 18-A65/2.219A

|               |                  |
|---------------|------------------|
| DRAWN. N.K.G. | CHKD. <i>182</i> |
| ENG. D.C.L.   | APPD. <i>ML</i>  |

**TELETYPE CORPORATION**

4271 WD

4272WD

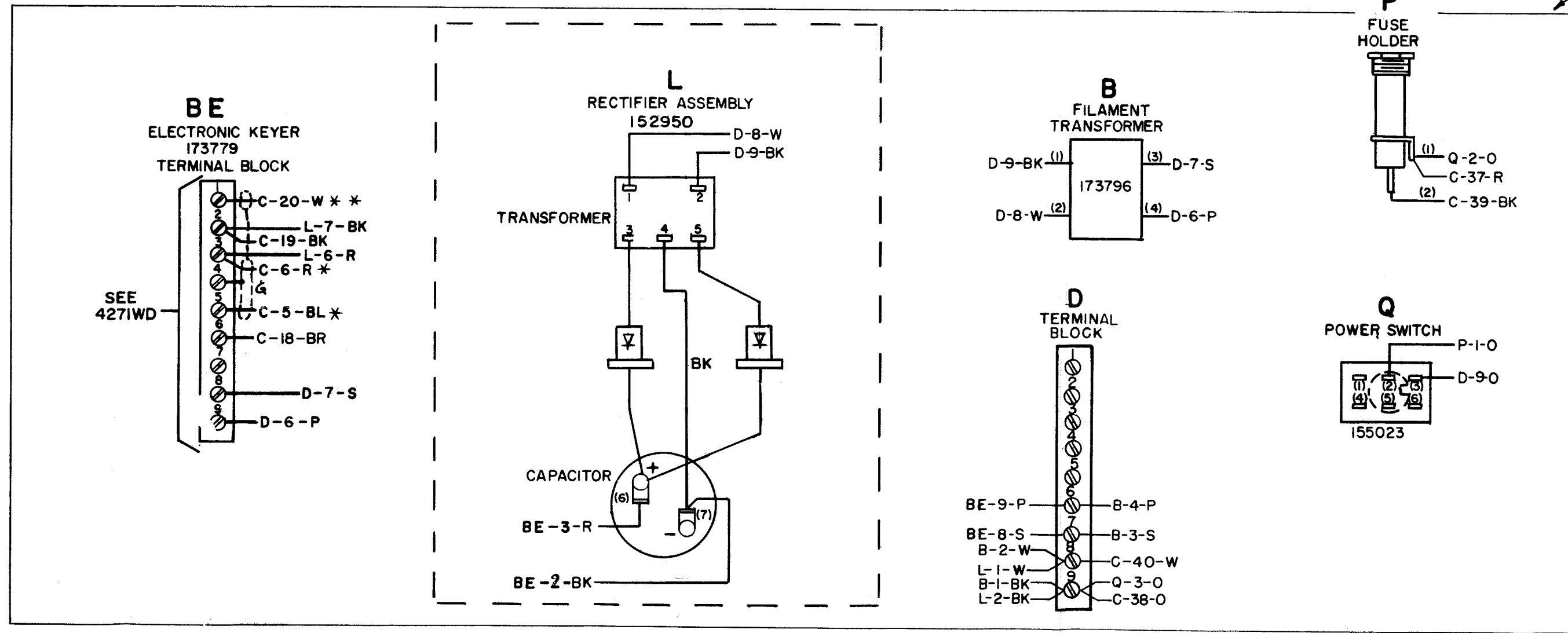
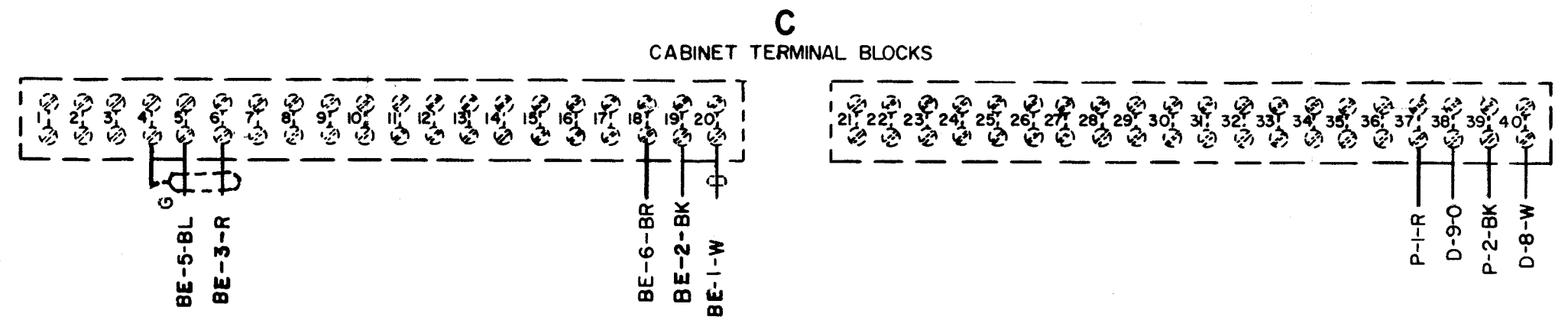
| ISSUE | DATE     | AUTH. NO. |
|-------|----------|-----------|
| A     | 9-28-60  | CC-106    |
| B     | 11-18-60 | CC-182    |
| C     | 11-9-61  | 71542     |

NO. 1. NOTES

WIRING LEGEND

— DISTANT TERMINATING AREA  
 — DISTANT TERMINAL DESIGNATION  
 L-2-BK WIRE COLOR

3. SEE 4273WD FOR SCHEMATIC WIRING.



ACTUAL  
WIRING DIAGRAM  
ELECTRICAL  
SERVICE ASSEMBLY

173783

| APPROVALS                |        |
|--------------------------|--------|
| D AND R<br><i>O.A.L.</i> | E OF M |

E-NUMBER

PROD. NO. 4272WD

DATE: 6-3-60

P.D. FILE NO. 18-A65/2.219A

DRAWN N.K.G. CHKD. *ABW*

ENGD. D.C.L. APPD. *W.P.*

TELETYPE  
CORPORATION

4272 WD





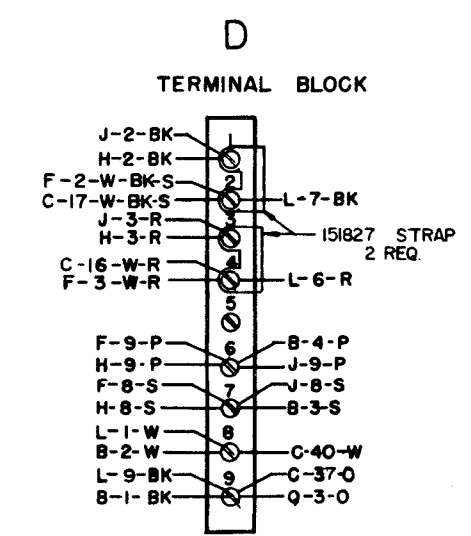
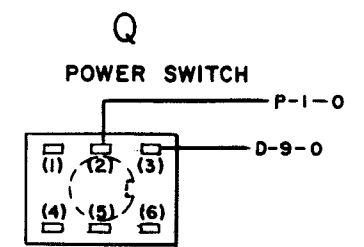
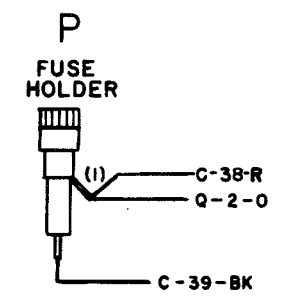
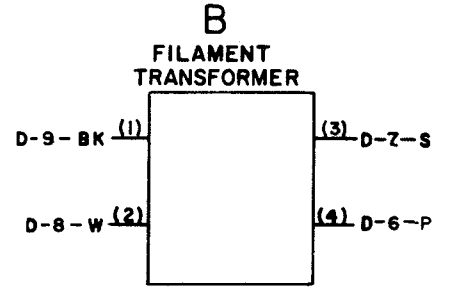
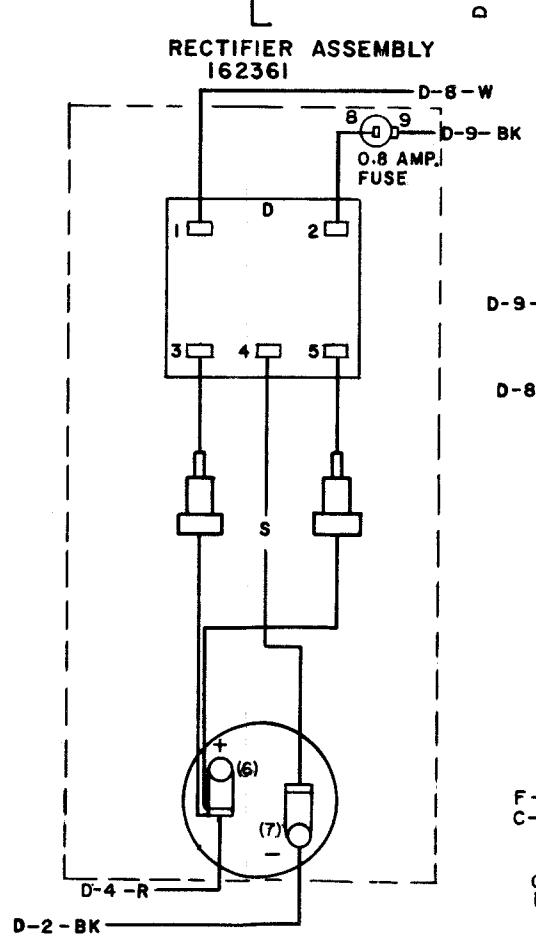
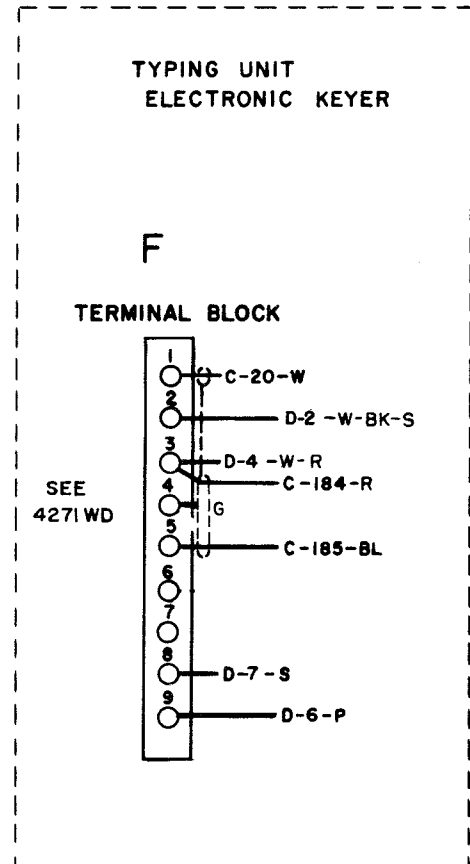
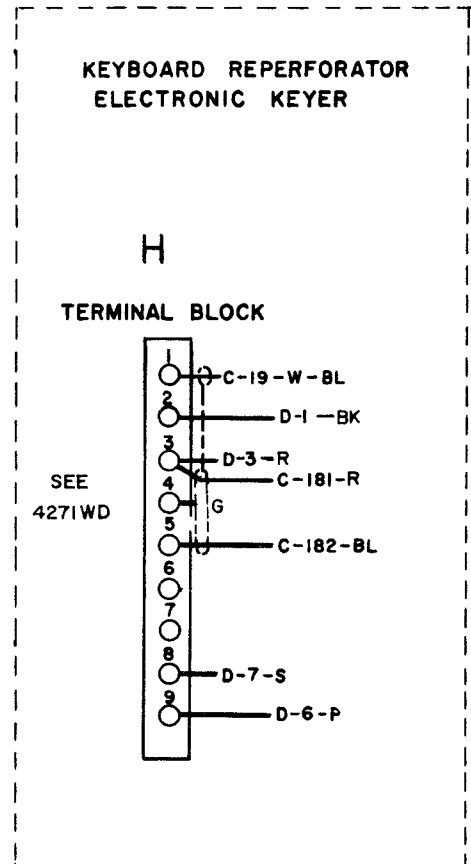
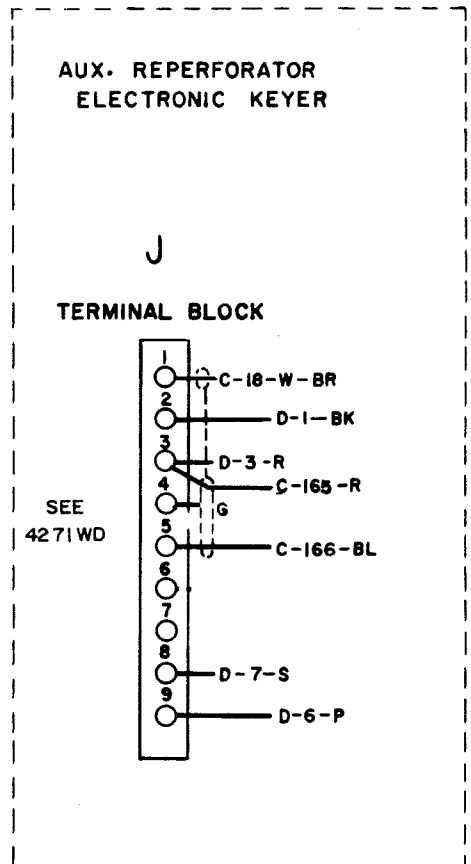
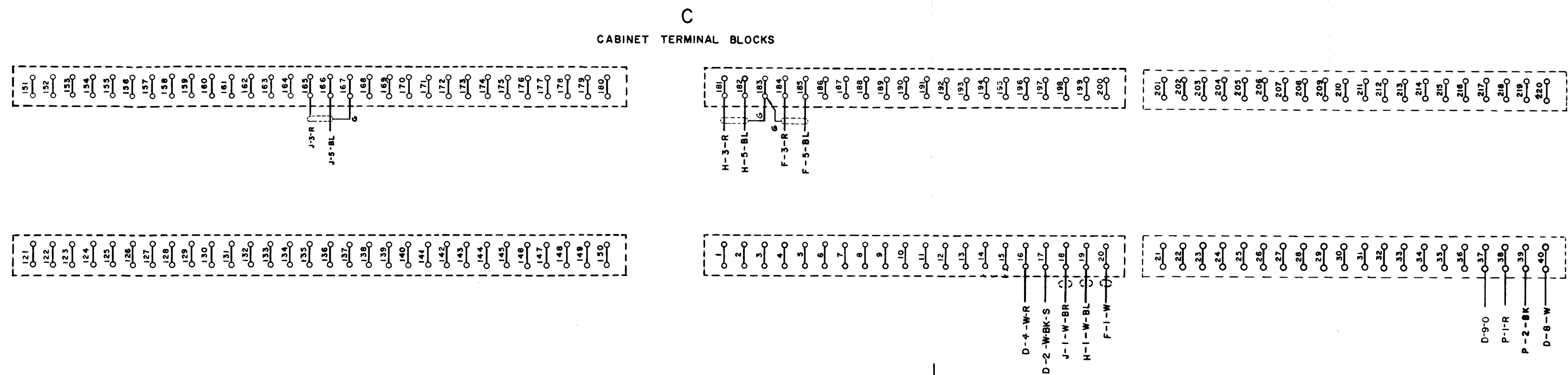
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|-----------|---------|-----------|
| 4274 WD   |         |           |
| REVISIONS |         |           |
| ISSUE     | DATE    | AUTH. NO. |
| A         | 2-28-59 | 66-186    |
| B         | 11-2-59 | 66-187    |
| C         | 6-28-60 | 66-187    |

NOTES

1. WIRING LEGEND:  
  
 DISTANT TERMINATING AREA  
 DISTANT TERMINAL DESIGNATION  
 WIRE COLOR CODE

2.

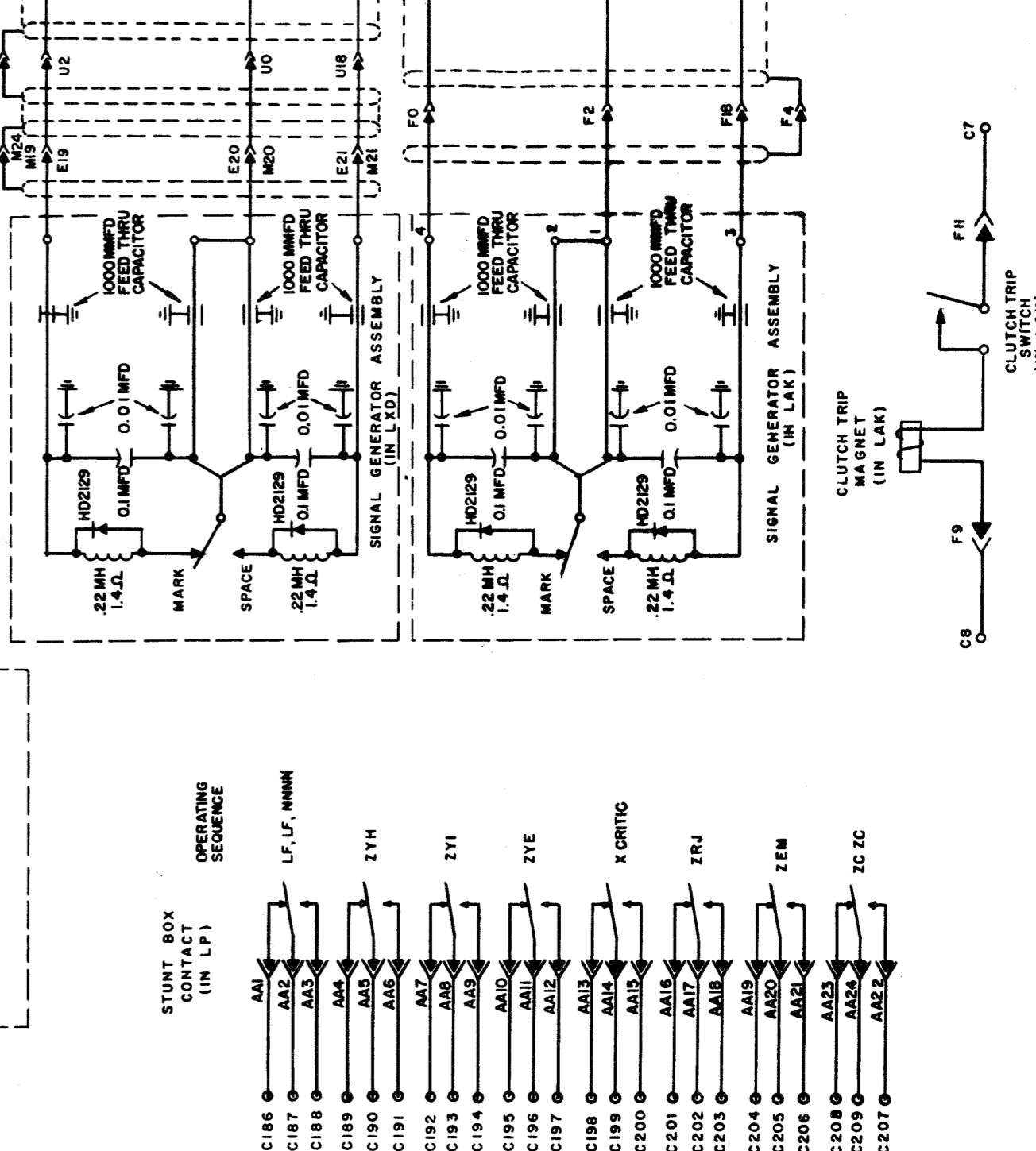
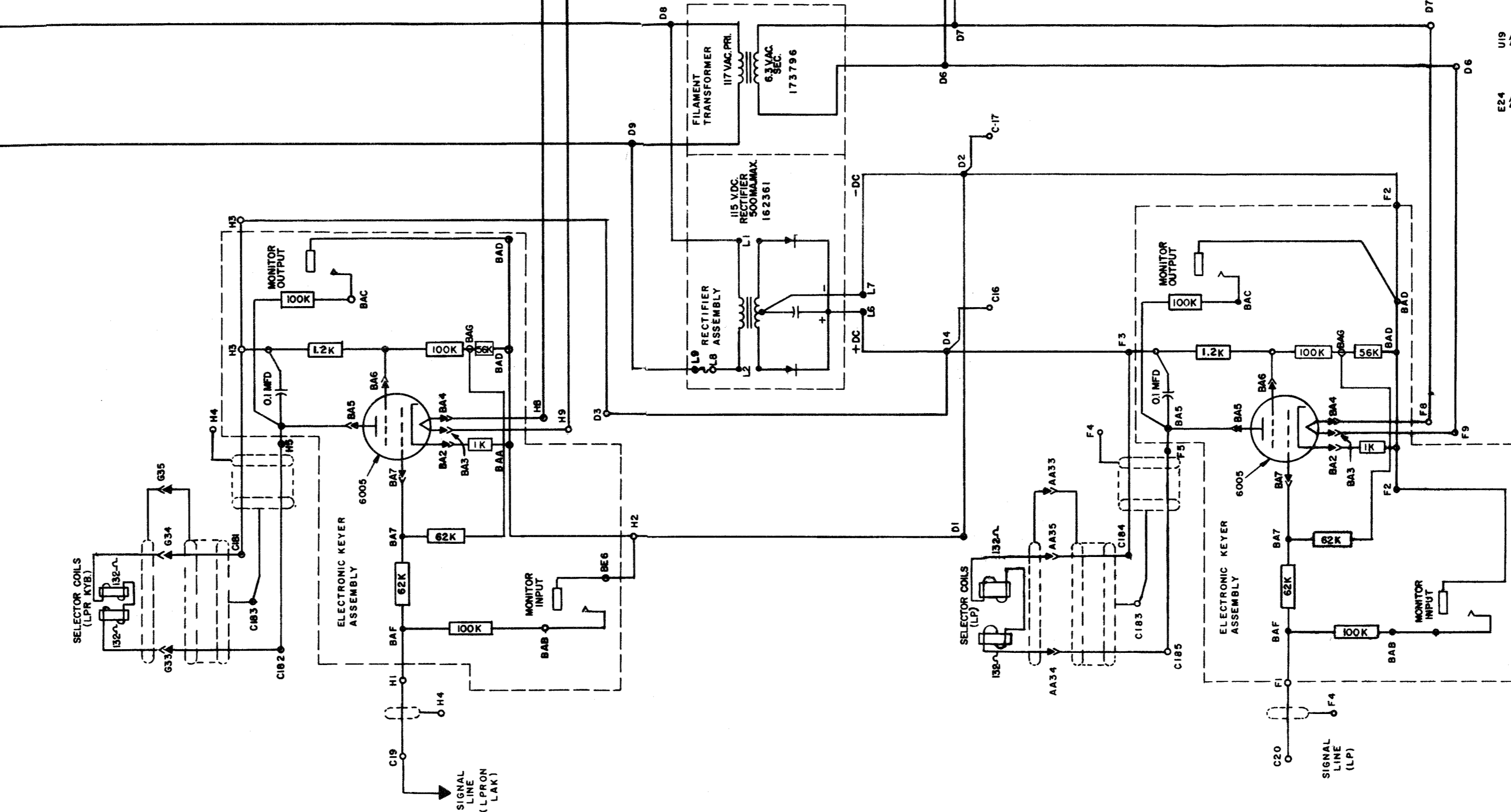
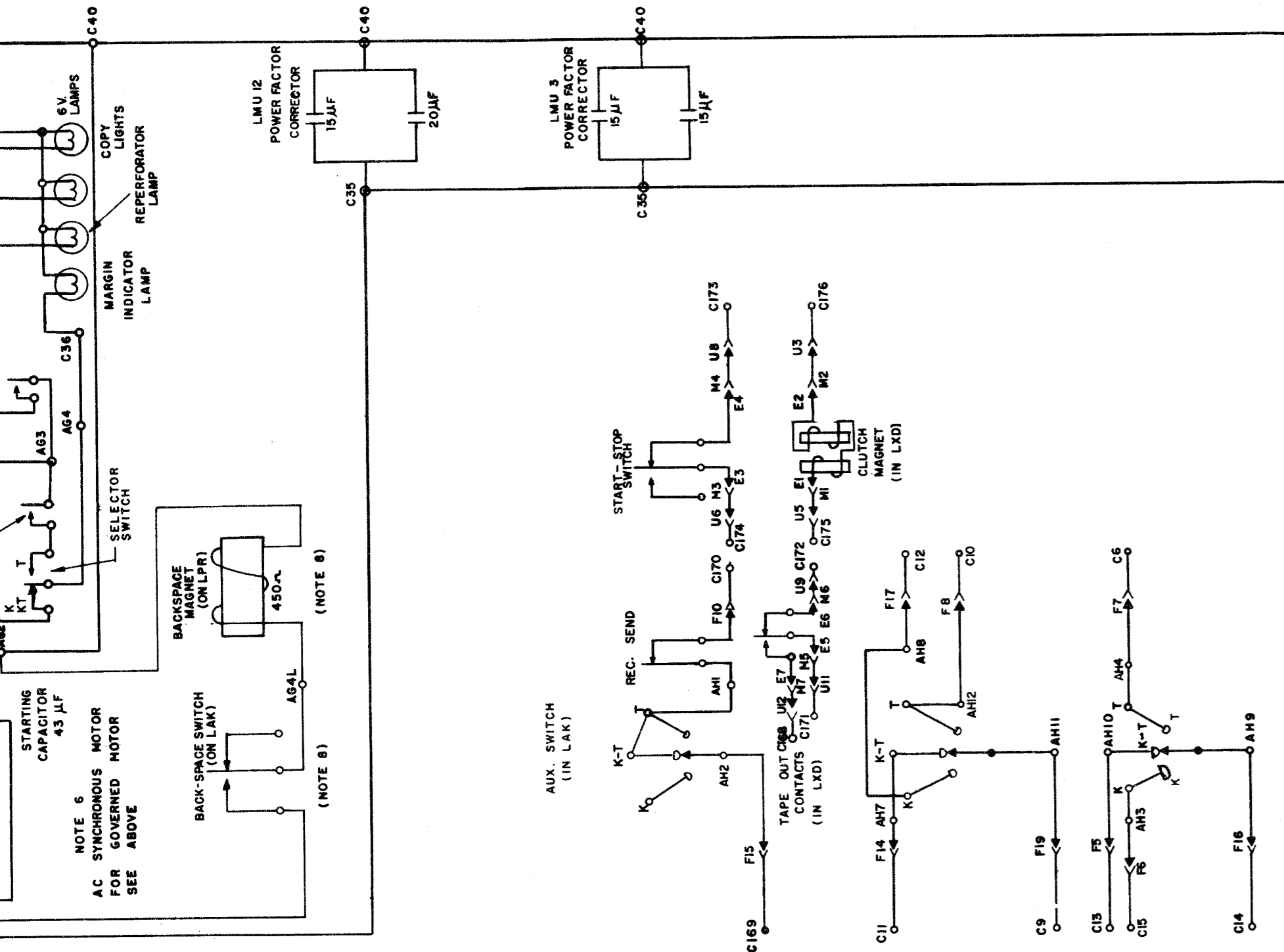
3. SEE 4275WD FOR SCHEMATIC WIRING



ACTUAL  
WIRING DIAGRAM  
ELECTRICAL SERVICE  
ASSEMBLY  
173823  
173824  
AUTOMATIC  
SEND-RECEIVE  
CABINET  
LAAC 229

DATE: 6-6-60  
 P.D. FILE NO. 18-465/21884  
 DRAWN: A.D. CHKD: [Signature]  
 ENGD: D.C.L. APPD: [Signature]

TELETYPE  
CORPORATION  
4274WD



4275 WD

| REVISIONS |          |           |
|-----------|----------|-----------|
| ISSUE     | DATE     | AUTH. NO. |
| 1         | 9-28-60  | C-106     |
| 2         | 11-18-60 | C-110     |
| 3         | 2-3-61   | 71810     |
| 4         | 2-23-61  | 71810     |
| 5         | 8-14-64  | 82644     |
| 6         | 4-10-65  | 86460     |
| 7         | 12-10-66 | 89682     |

APPROVALS

D B R E/M

E-NO

PROD. NO. 4275 WD

SCHMATIC WIRING DIAGRAM FOR

173824

ELECTRICAL SERVICE ASSEMBLY

DATE: 8-8-60

P.D. FILE NO. 18-A.65/2.200.A

DRAWN: CHKD

ENGD. D.C.L. APPR.

TELETYPE CORPORATION

4275 WD



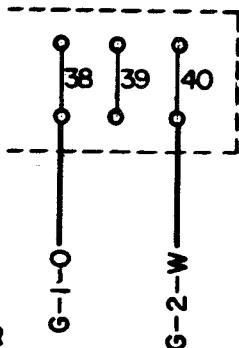
4286 WD

REVISIONS

| ISSUE | DATE    | AUTH. NO. |
|-------|---------|-----------|
| 2     | 1-18-65 | 85769     |
|       |         |           |
|       |         |           |
|       |         |           |
|       |         |           |

C

CABINET TERMINAL BLOCK

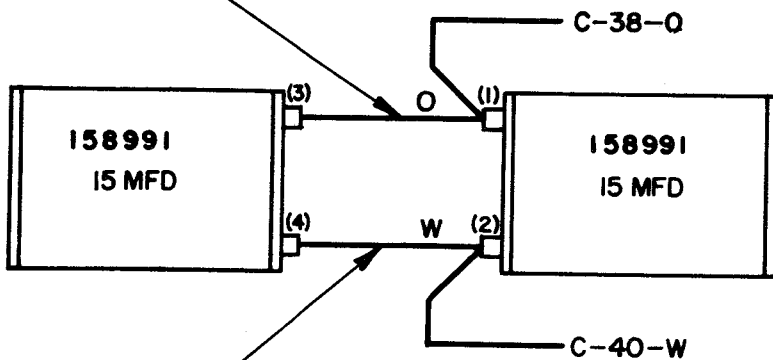


NOTE:  
 WIRING SHOWN IS FOR  
 LAC CABINETS ONLY.  
 CUSTOMER MUST DETERMINE PROPER  
 CONNECTIONS IF MOD. KIT IS USED  
 IN OTHER APPLICATIONS.

G

POWER FACTOR CORRECTOR

STRAP (31775RM WIRE 0.5FT.)



STRAP (31771RM WIRE 0.5FT.)

ACTUAL WIRING DIAGRAM  
 173705 MOD. KIT  
 TO ADD POWER FACTOR  
 CORRECTION TO LAC

APPROVALS

D AND R E OF M

*O.A.L.*

E-NUMBER

PROD. NO. 4286WD

DATE: 9-20-60

P.D. FILE NO. 18-A.65/2.219.A

DRAWN. WPH CHKD. *[Signature]*

ENGD. DCL APPD. *[Signature]*

TELETYPE  
 CORPORATION

4286 WD

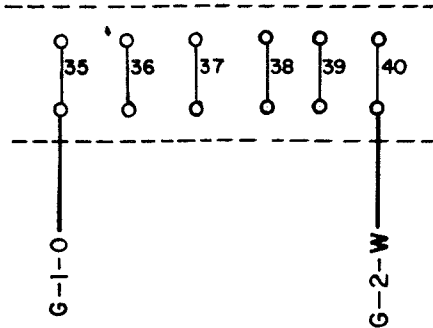
4287 WD

REVISIONS

| ISSUE | DATE    | AUTH. NO. |
|-------|---------|-----------|
| 2     | 8-14-64 | 82644     |
| 3     | 1-18-65 | 85769     |
|       |         |           |
|       |         |           |

C

CABINET TERMINAL BLOCK  
(IN LAAC)



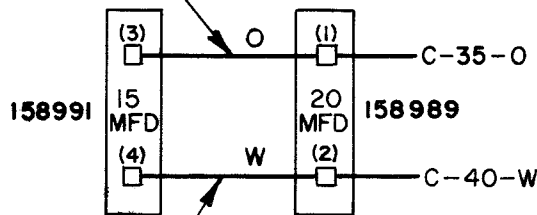
NOTE:

WIRING SHOWN IS FOR  
LAAC229 CABINET ONLY.  
CUSTOMER MUST DETERMINE PROPER  
CONNECTIONS IF MOD. KIT IS USED  
IN OTHER APPLICATIONS.

G

POWER FACTOR CORRECTOR

STRAP (31775RM WIRE 0.5 FT.)



STRAP (31771RM WIRE 0.5 FT.)

ACTUAL WIRING DIAGRAM  
173706 MOD. KIT  
TO ADD POWER FACTOR  
CORRECTION TO LAAC229(LM)

APPROVALS

D AND R

E OF M

E-NUMBER

PROD. NO. 4287 WD

DATE: 9-20-60

P.D. FILE NO. 18-A.65/2.219.A

DRAWN. WPH CHKD. *WPH*

ENGD. DCL APPD. *WPH*

TELETYPE  
CORPORATION

4287 WD

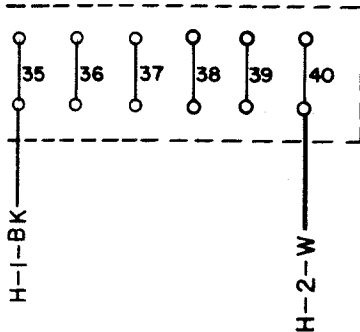
4288 WD

REVISIONS

| ISSUE | DATE    | AUTH. NO. |
|-------|---------|-----------|
| 2     | 8-14-64 | 82644     |
| 3     | 7-18-65 | 85769     |
|       |         |           |
|       |         |           |

C

CABINET TERMINAL BLOCK  
(IN LAAC)

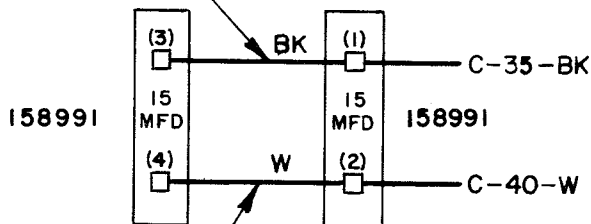


NOTE:  
WIRING SHOWN IS FOR LAAC 229  
CABINET ONLY. CUSTOMER MUST  
DETERMINE PROPER CONNECTIONS  
IF MOD. KIT IS USED IN OTHER  
APPLICATIONS.

H

POWER FACTOR CORRECTOR  
(AUX. REPERF.)

STRAP (31770RM WIRE 0.5 FT.)



STRAP (31771RM WIRE 0.5 FT.)

ACTUAL WIRING DIAGRAM  
173707 MOD. KIT  
TO ADD POWER FACTOR  
CORRECTION TO AUX.  
REPERFORATOR IN LAAC229  
(LMU3)

APPROVALS

D AND R

E OF M

*O.A.L.*

*[Signature]*

E-NUMBER

PROD. NO. 4288 WD

DATE: 9-20-60

P.D. FILE NO. 18-A.65/2.219.A

DRAWN. WPH

CHKD. *[Signature]*

ENG. DCL

APPD. *[Signature]*

TELETYPE  
CORPORATION

4288 WD

|           |         |           |
|-----------|---------|-----------|
| 4304WD    |         |           |
| REVISIONS |         |           |
| ISSUE     | DATE    | AUTH. NO. |
| 2         | 9-28-60 | CC-106    |
| 3         | 5-5-65  | 86734-1   |

- NO. NOTES
- WIRING LEGEND

DISTANT TERMINATING AREA  
 DISTANT TERMINATING DESIGNATION  
 COLOR CODE

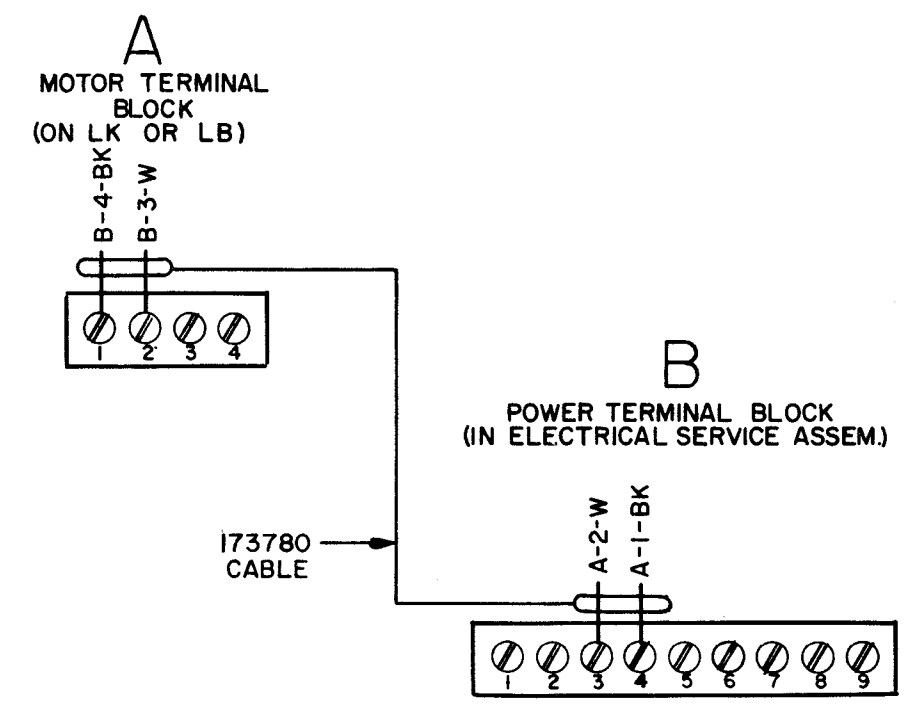
A-2-W
  - COLOR CODE

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

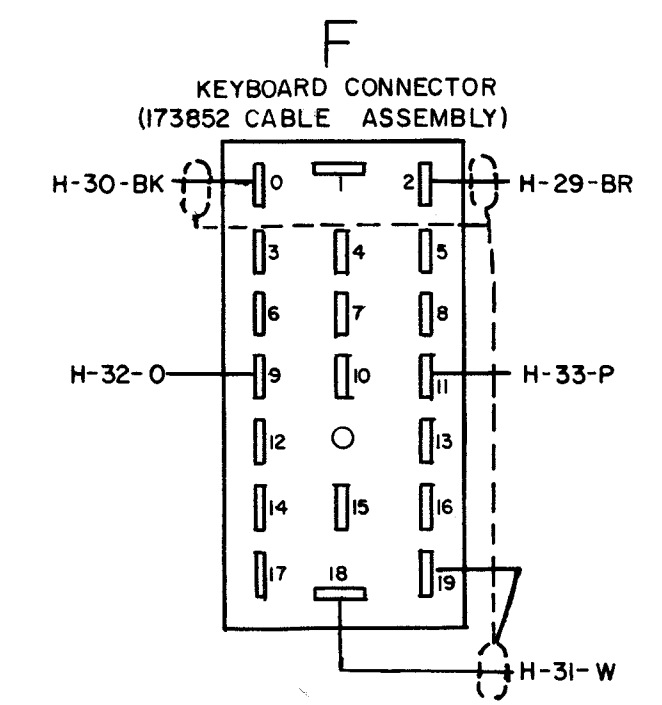
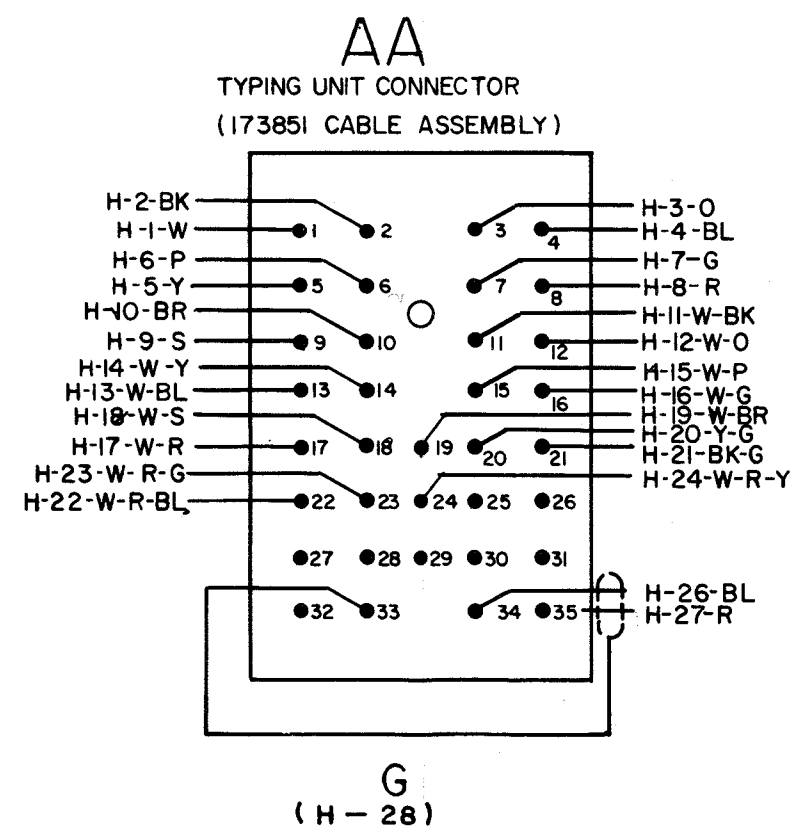
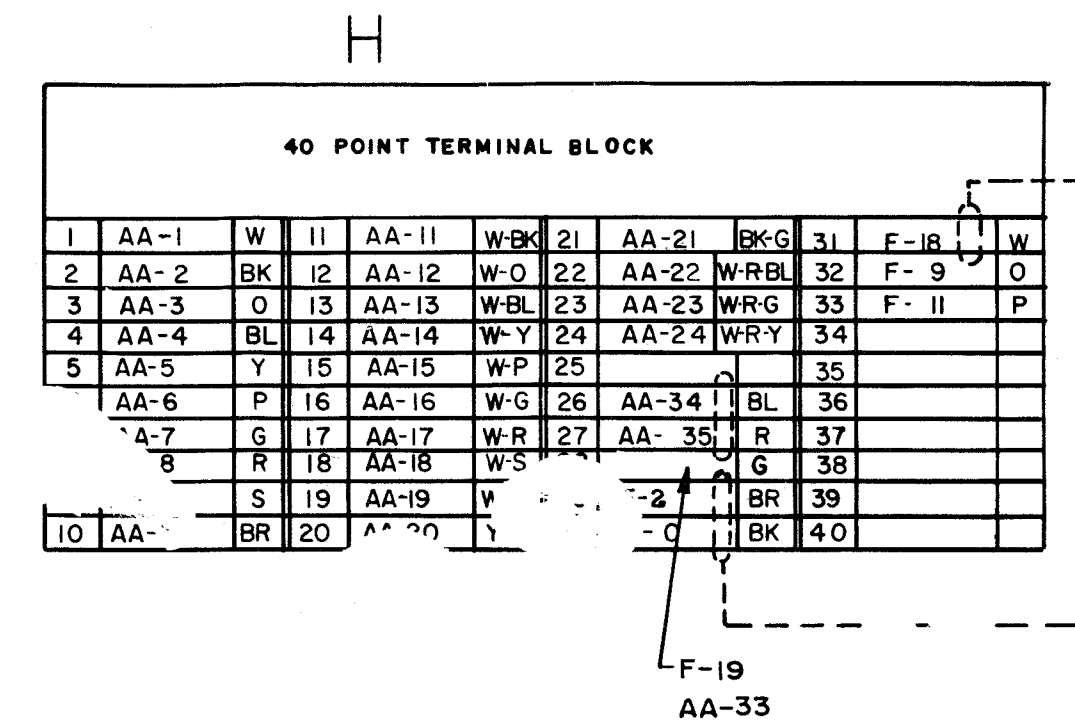
173851  
 173852  
 173780

THE 173852 IS NOT NECESSARY WHEN SET IS EQUIPPED WITH LBIO.
  - ALL CONNECTOR VIEWED FROM SOLDER TERMINAL END.
  - FOR SCHEMATIC WIRING DIAGRAM SEE 4269WD.
  - FOR ACTUAL WIRING DIAGRAMS

| WD NO.  | UNIT                             |
|---------|----------------------------------|
| 4262 WD | KEYBOARD LK25                    |
| 4192 WD | TYPING UNIT LP77                 |
| 4257 WD | COVER LPC206                     |
| 4270 WD | ELECTRICAL SERVICE ASSEM. 173395 |



|      |      |      |
|------|------|------|
| (4)  | (1)  | (4)  |
| (8)  | (5)  | (8)  |
| (12) | (9)  | (12) |
| (16) | (13) | (16) |
| (20) | (17) | (20) |
| (24) | (21) | (24) |
| (28) | (25) | (28) |
| (32) | (29) | (32) |
| (36) | (33) | (36) |
| (40) | (37) | (40) |



APPROVALS

D AND R: *DA* E OF M

E NUMBER

PROD. NO 4304 WD

ACTUAL WIRING DIAGRAM FOR CONNECTING 173395 ELECTRICAL SERVICE ASSEMBLY WITH RACK MOUNTING PAGE PRINTER SET

DATE: 8-6-60

P.D. FILE NO. 18-A65/2.28A

DRAWN N.K.G. CHKD. *Phy*

ENG. D.C.L. APPD. *Phy*

TELETYPE CORPORATION

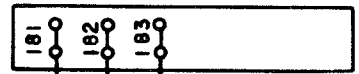
4304WD

4350 WD

REVISIONS

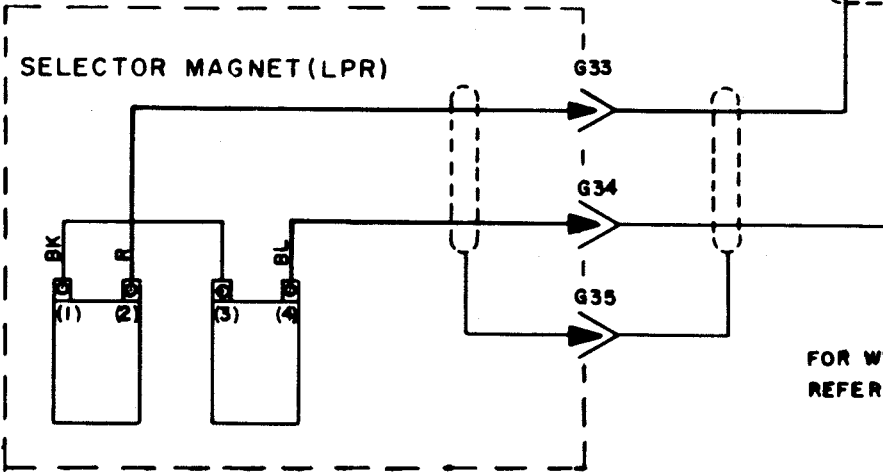
| ISSUE | DATE     | AUTH. NO. |
|-------|----------|-----------|
| 2     | 11-30-60 | CC 192    |
| 3     | 3-15-65  | 86467     |
|       |          |           |
|       |          |           |

C  
CABINET TERMINAL  
BLOCK  
(IN AUTOMATIC SEND-RECEIVE CABINET)



173446 CABLE  
ASSEMBLY

FOR WIRING OF LAK21,33,45& 47  
REFER TO 4263 WD



NOTE

CLAMP 173446 CABLE ASSEMBLY  
TO AUXILIARY REPERFORATOR GEAR  
GUARD MOUNTING SCREW.

ACTUAL  
WIRING DIAGRAM  
FOR VCL 221& OTHERS  
USING 173446 CABLE ASSM.

APPROVALS

D AND R | E OF M

*O.P.L.* | *N*

E-NUMBER

PROD. NO. 4350 WD

DATE: 10-14-60

P.D. FILE NO. 18-A 65/2,219A

DRAWN. J.E.R. | CHKD. *[Signature]*

ENGD. D.C.L. | APPD. *[Signature]*

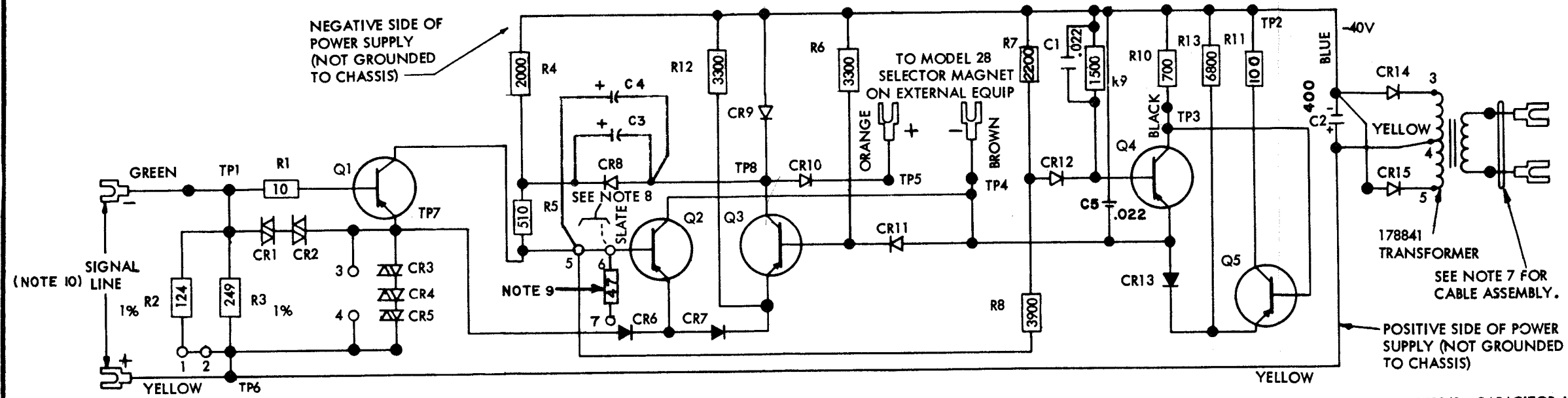
TELETYPE  
CORPORATION

4350 WD



# 4445WD

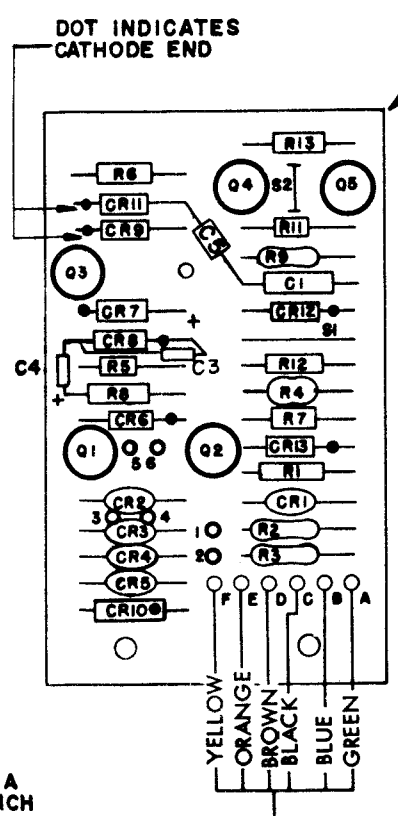
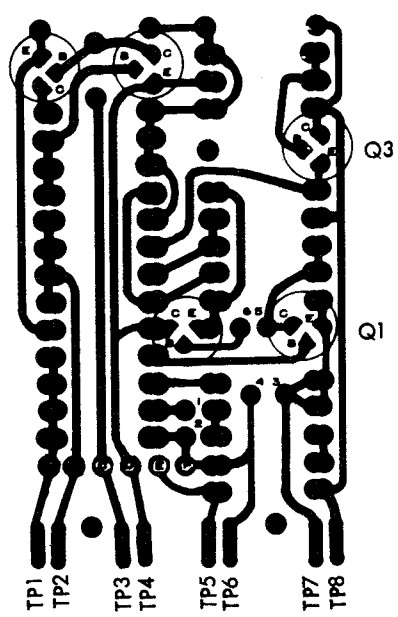
| ISSUE | DATE     | AUTH. NO. |
|-------|----------|-----------|
| #2    | 10-8-64  | 71841     |
| #3    | 11-20-64 | 71678     |
| #4    | 2-7-62   | 72380     |
| #5    | 10-8-62  | 74788     |
| #6    | 10-19-62 | 74878     |
| #7    | 3-4-63   | 76176     |
| #8    | 2-27-64  | 81002     |
| 9     | 9-9-64   | 83349     |
| 10    | 10-9-64  | 84164     |
| 11    | 3-9-65   | 86451     |



### NOTES

- Units wired for 117V 50/60cycle operation only.
- Selector *COILS* in parallel for all conditions of operation.
- Strapping for input options:  
 .020 Amp. neutral operation:  
 1-2 Open 3-4 Open  
 .060 Amp. neutral operation:  
 1-2 Strapped 3-4 Open  
 .020 to .030 Amp. polar operation:  
 1-2 Open 3-4 Strapped
- For normal operation terminals 5 & 6 are strapped. To "blind" the selector (steady marking condition), CONNECT 5 & 6 TO POSITIVE SIDE of power supply through A 47 OHM RESISTOR AND AUXILIARY CONTROL CONTACTS. SEE NOTE 9.
- Factory Strapping: 1-2, 5-6.
- All resistors 5% tolerance unless otherwise indicated.
- Associated Cables:
 

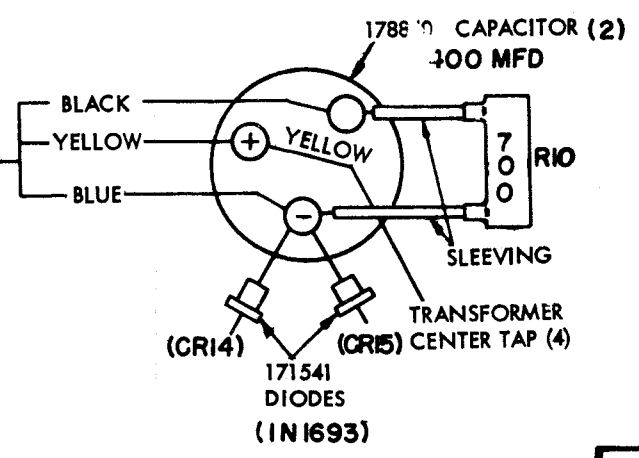
| Used On | Used On |
|---------|---------|
| 178886  | 177010  |
| 178887  | 309494  |
| 178602  | 178601  |
| 178508  | 178507  |
- When installing 178602 Cable Assembly ADD SLATE LEAD TO TERMINAL 6 AS SHOWN.
- 198528 MOD. KIT TO ADD BLINDING RESISTOR, USED ON 198360 SMD. 309494 SMD.



10. 307240 DRIVER USES A 307244 CARD IN WHICH R2 AND R3 RESISTORS (124Ω AND 249Ω RESPECTIVELY) ARE REPLACED BY A 820Ω RESISTOR. THIS PROVIDES FOR A -6VOLT SPACE AND 0VOLT MARK INPUT.  
 309494 DRIVER TO BE WIRED FOR POLAR OPERATION (OPTION NOTE 3)

11. SPECIFICATIONS APPLICABLE ARE 60,239S AND 50,042S.

178859  
 307244 CARD  
 USED ON 307240



SEE NOTE 7 FOR CABLE ASSEMBLY

ACTUAL AND SCHEMATIC WIRING DIAGRAM FOR SELECTOR MAGNET DRIVER ASSEMBLY  
 177010, 178507, 178601  
 198360, 307240, 309494

| APPROVALS |        |
|-----------|--------|
| D AND R   | E OF M |

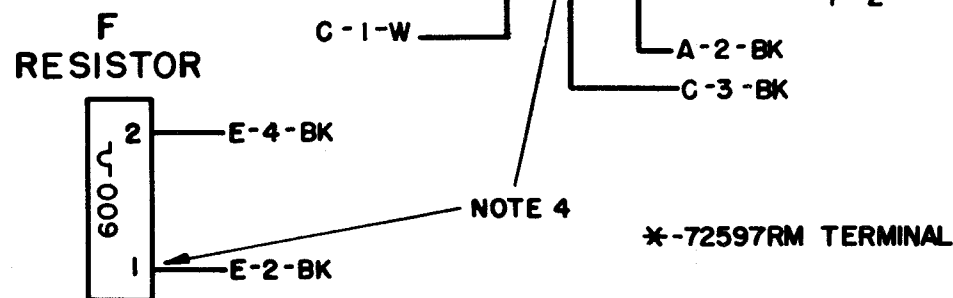
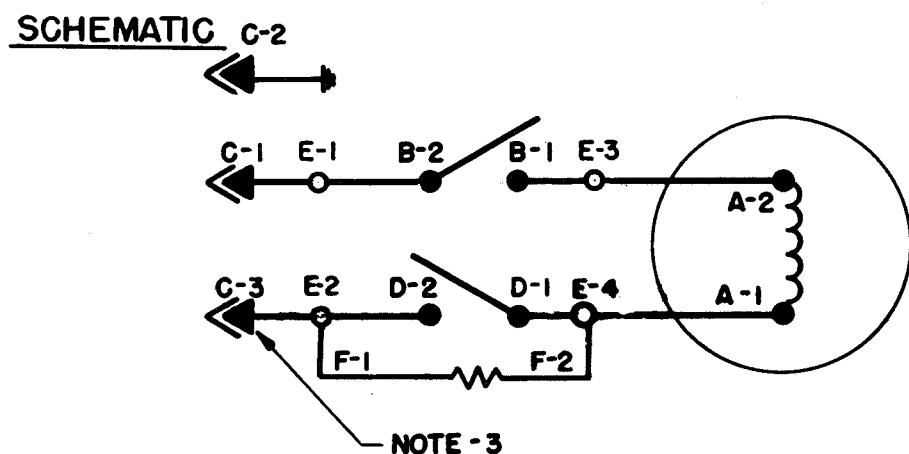
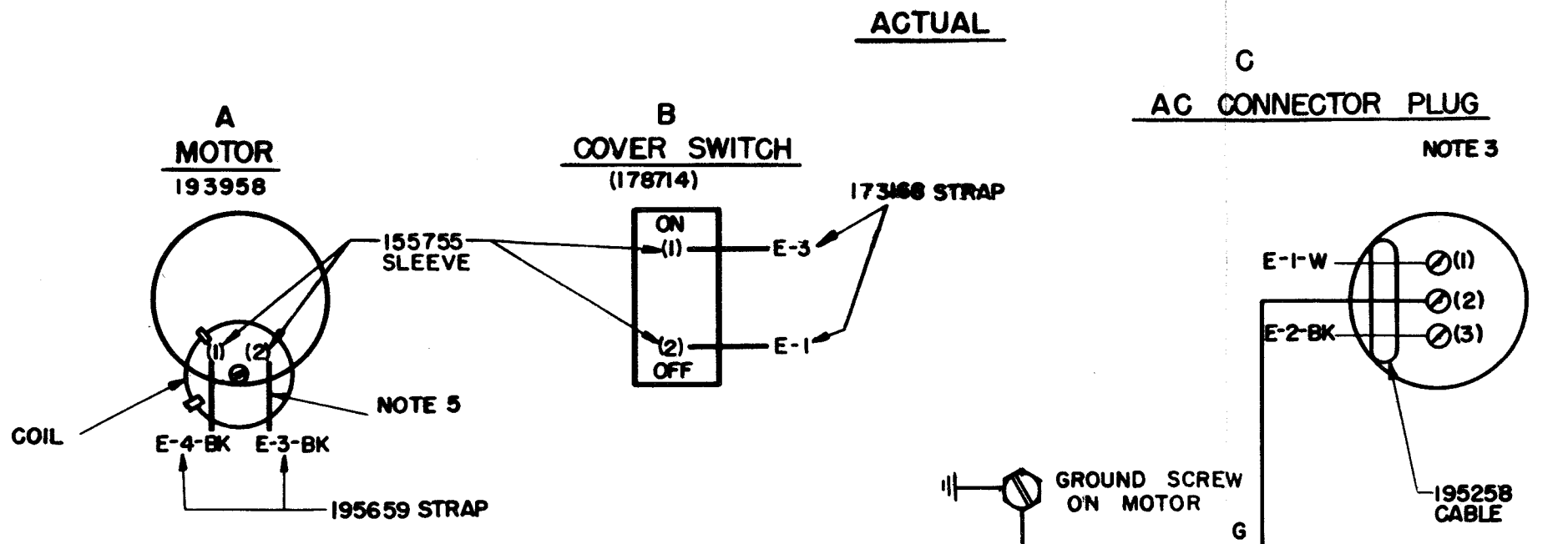
E-NUMBER  
 PROD. NO. 4445WD  
 DATE: 5-29-61  
 P.D. FILE NO. 26-158AAA  
 DRAWN. CHKD. J.W.  
 ENGD. F.J.M. APPD. J.W.

TELETYPE CORPORATION  
 4445WD

| ISSUE | DATE     | AUTH. NO. |
|-------|----------|-----------|
| A     | 11-8-62  | 75064     |
| B     | 11-27-62 | 75207     |
| C     | 1-10-63  | 75653     |
| D     | 4-22-63  | 76601     |
| E     | 12-23-63 | 77313     |

- NOTES**
- WIRING LEGEND**

— DISTANT TERM. AREA  
 — DISTANT TERM. DESIG.  
 A-I-R WIRE COLOR CODE
  - COLOR CODE:**  
 R-RED W-WHITE BK-BLACK
  - MATING CONNECTOR 114466 IS FURNISHED WITH UNIT. WIRING BETWEEN A.C. POWER AND 114466 IS TO BE PROVIDED IN FIELD AT INSTALLATION TIME.
  - REMOVE AND TAPE RESISTOR LEADS WHEN LPW300 IS OPERATED WITH MODEL 32 AND 33 PAGE PRINTERS
  - MOTOR OPERATES ON 50-60 CYCLE 110 V. A.C.
  - THE NUMBERS ENCLOSED BY PARENTHESES ARE USED FOR REFERENCE AND ARE NOT SHOWN ON THE PART.



ACTUAL AND SCHEMATIC WIRING DIAGRAM OF LPW300

APPROVALS

D AND R E OF M

E-NUMBER

PROD. NO. 5830 WD

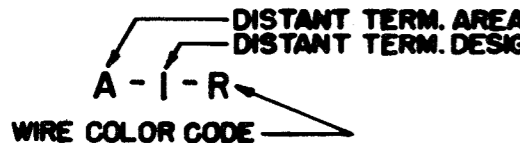
DATE: 5-22-62

P.D. FILE NO. 13-99AAA

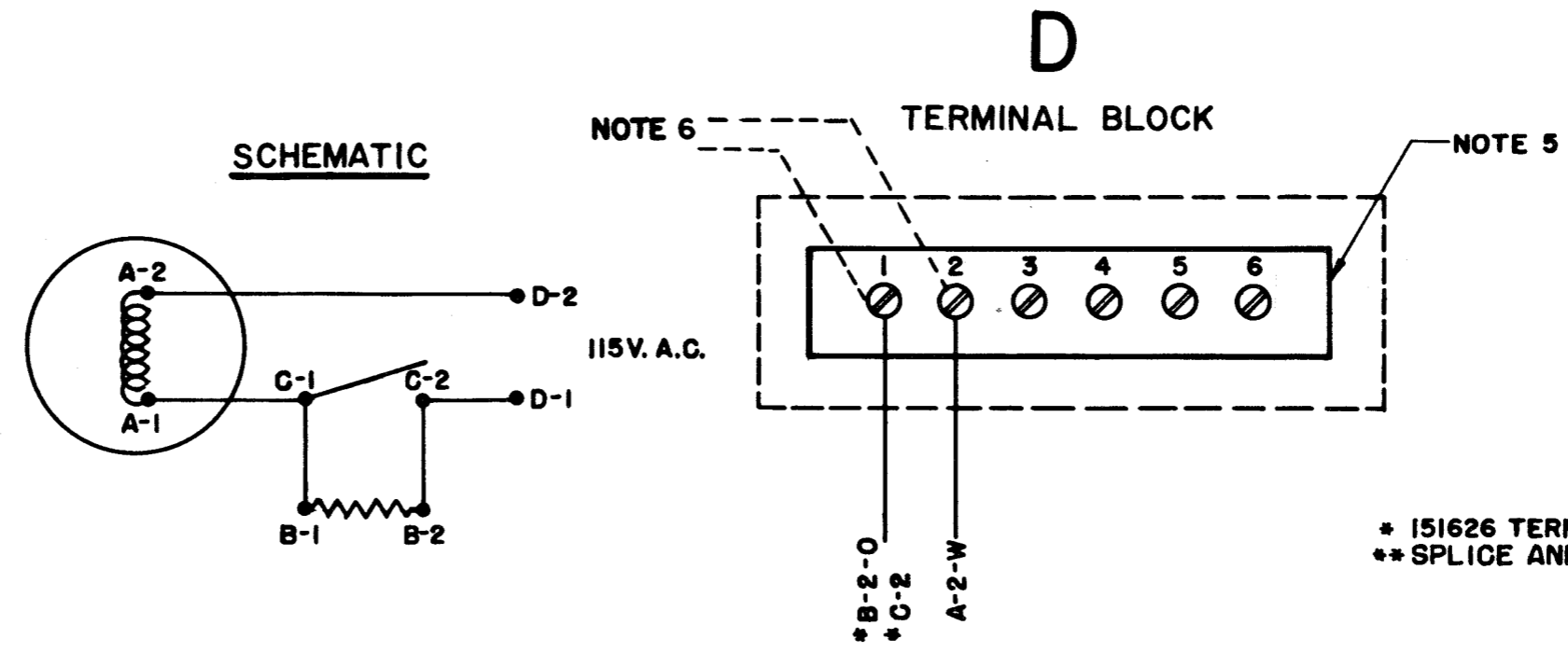
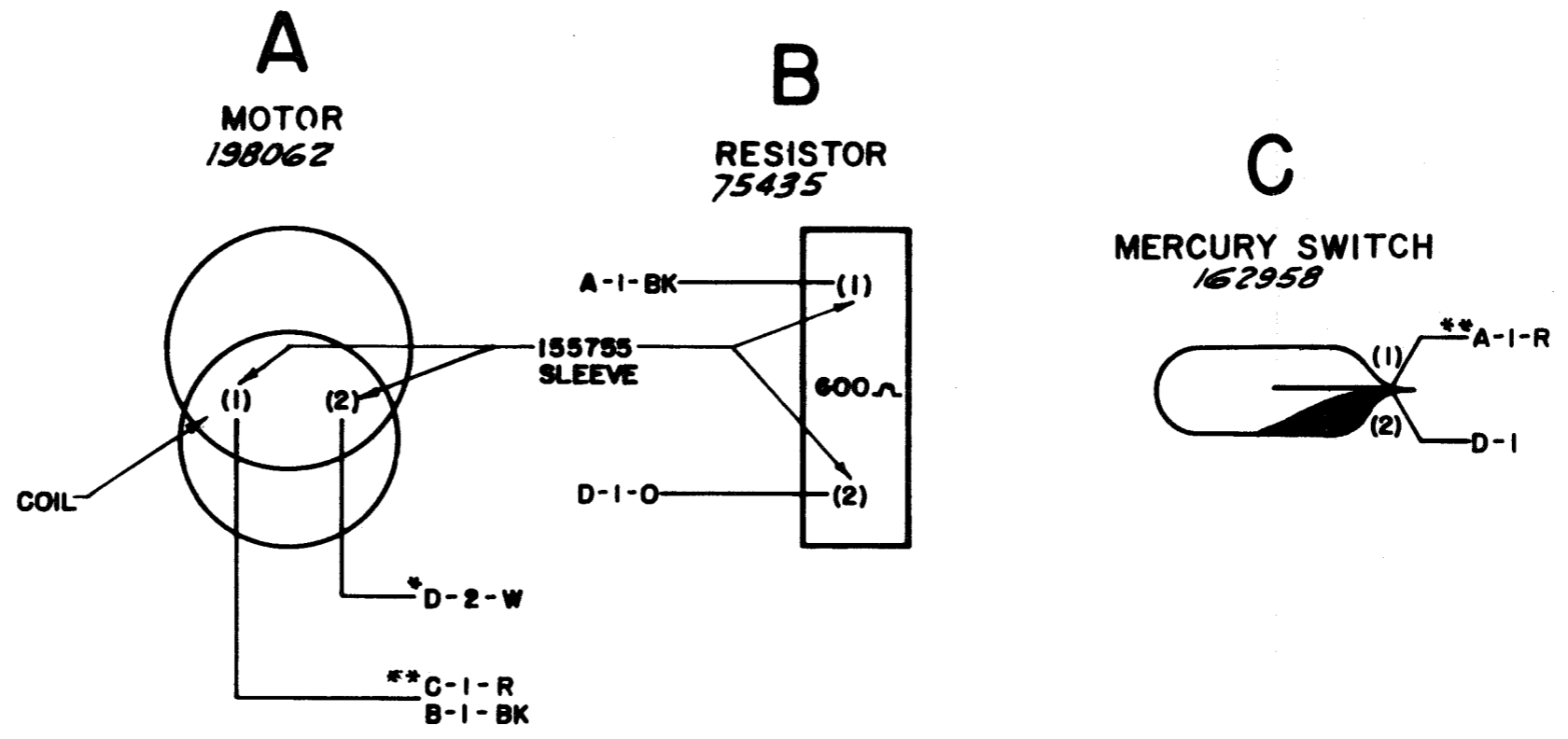
DRAWN. E. R. CHKO.

ENGD. J. C. F. APPD.

TELETYPE CORPORATION

| NO. | NOTES   |
|-----|---|
| 1.  | <b>WIRING LEGEND</b><br> |
| 2.  | <b>COLOR CODE</b><br>R - RED<br>BK - BLACK<br>O - ORANGE<br>W - WHITE                                     |
| 3.  | MOTOR OPERATES ON 115 VOLTS A.C. 50/60 CYCLE  |
| 4.  | THE NUMBERS ENCLOSED BY PARENTHESES ARE USED FOR REFERENCE AND ARE NOT SHOWN ON THE PART.                 |
| 5.  | ON 195921 PAPER WINDER, TERMINAL BLOCK IS PART OF BASE ASSEMBLY.  |
| 6.  | 310342 CABLE PROVIDES CONNECTIONS BETWEEN "D" TERMINAL BLOCK AND LB OR LK CONNECTOR                       |

|               |          |           |
|---------------|----------|-----------|
| <b>6363WD</b> |          |           |
| ISSUE         | DATE     | AUTH. NO. |
| 2             | 12-28-64 | 85663     |
| 3             | 2-8-65   | 86027     |
|               |          |           |
|               |          |           |



\* 151626 TERMINAL  
\*\* SPLICE AND TAPE

ACTUAL & SCHEMATIC  
WIRING DIAGRAM OF  
195921 & 195922  
PAPER WINDER

|                    |                    |
|--------------------|--------------------|
| <b>APPROVALS</b>   |                    |
| D AND R            | E OF M             |
| <i>[Signature]</i> | <i>[Signature]</i> |
| E-NUMBER           |                    |
| PROD. NO. 6363 WD  |                    |

|                        |                          |
|------------------------|--------------------------|
| DATE: 3-20-63          |                          |
| P.D. FILE NO. 13-99AAA |                          |
| DRAWN. HDS             | CHKD. <i>[Signature]</i> |
| ENGD. J.C.F.           | APPD. <i>[Signature]</i> |

**TELETYPE  
CORPORATION**  
**6363 WD**

# 7087WD

## REVISIONS

| ISSUE | DATE    | AUTH. NO. |
|-------|---------|-----------|
| 1     | 9-4-64  | 15987-R   |
| 2     | 2-11-65 | 86185     |
| 3     | 4-2-66  | 86688     |

**NOTES**

**ASSOCIATED DIAGRAMS:**

- 2900WD MOTOR UNITS - LMU3 - LMU21
- 4445WD SELECTOR MAGNET DRIVER-77010
- 6363WD PAPER WINDER - 195922
- 7137WD BASE ASSEMBLY - 304195
- 7154WD PRINTER LP124 WITH AJU STUNT BOX
- 7155WD KEYBOARD - LK52

**PAPER WINDER 195922 ON BOTTOM SHELF, PAPER WINDERS 195921 ON OTHER SHELVES. 6363WD APPLIES TO BOTH.**

**ALL APPARATUS IS SHOWN IN UNOPERATED OR DE-ENERGIZED POSITION.**

**POLARITY OF SELECTOR MAGNET DRIVERS MUST BE MAINTAINED, AS SHOWN, FOR MARKING CONDITION.**

**TO USE SIGNAL LINE BREAK SWITCH:**

- CONNECT SIGNAL LINE TO BL-47 INSTEAD OF BL-109.
- STRAP BL-109 TO BL-54.

**CUSTOMER TO WIRE THESE CIRCUITS.**

**LISTINGS AT TERMINAL POINTS ARE IN THE FOLLOWING ORDER:**

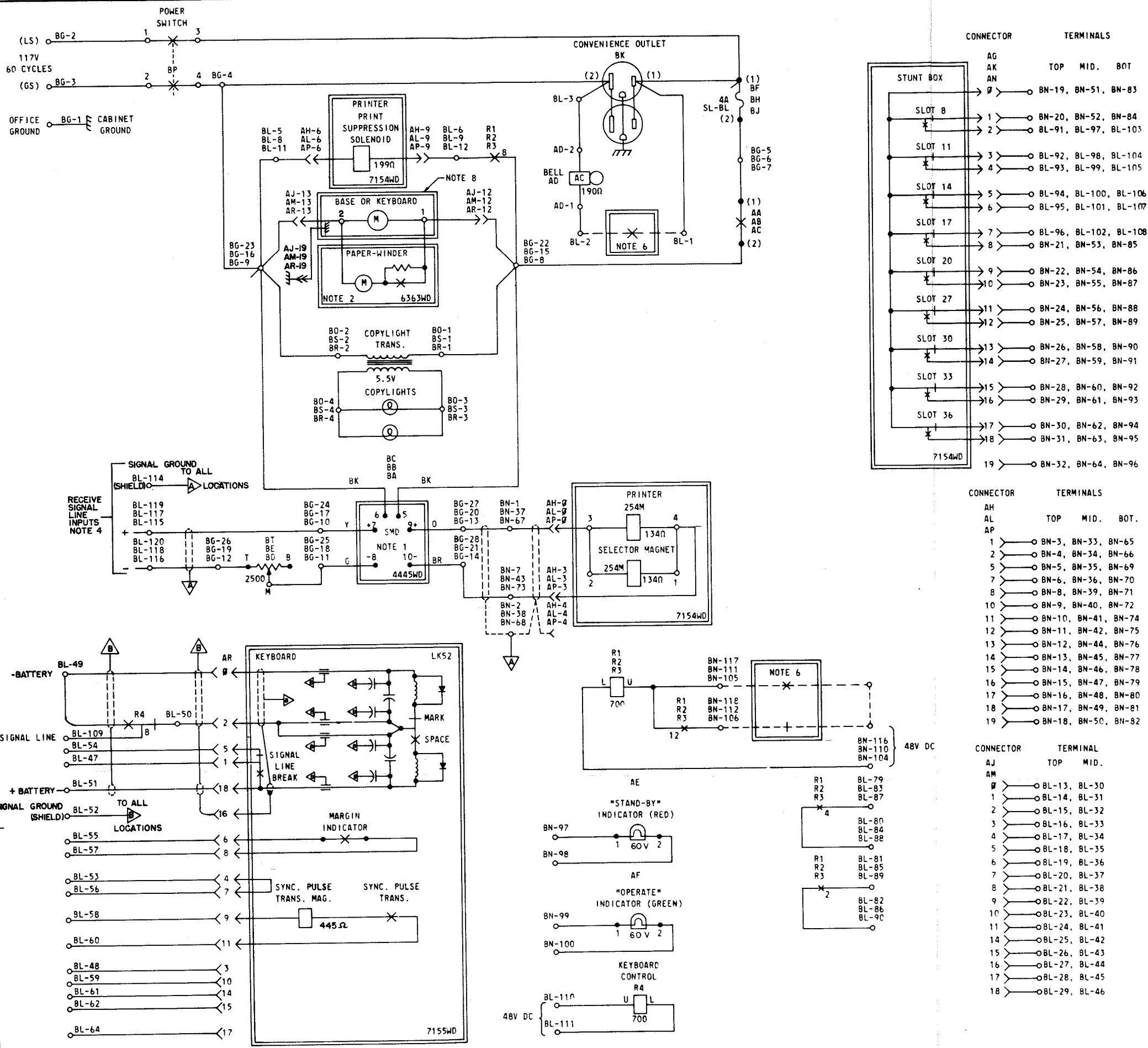
- TOP SHELF
- MIDDLE SHELF
- BOTTOM SHELF

**BASE 7137WD OR KEYBOARD 7155WD.**

**ACTUAL WIRING DIAGRAM OF LBAC255 - 7149WD.**

— REPRESENTS MULTIPLE CONNECTOR.

SL-BL INDICATES SLOW BLOWING



SCHEMATIC WIRING DIAGRAM FOR LBAC255 WITH ASSOCIATED EQUIPMENT

**APPROVALS**

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

*[Signature]*

**E-NUMBER**

**PROD. NO.** 7087WD

**DATE** 6-22-64

**P.D. FILE NO.** 42-A2/65AA

**DRAWN F.C.S.** CHKD.

**ENGD. P.P.P.** APPD. *[Signature]*

**TELETYPE CORPORATION**

# 7087WD

| ISSUE | DATE     | AUTH. NO. |
|-------|----------|-----------|
| 1     | 10-28-64 | 16239-R   |
| 2     | 3-26-65  | 86859     |
|       |          |           |
|       |          |           |

NOTES

- 1. WIRING LEGEND**

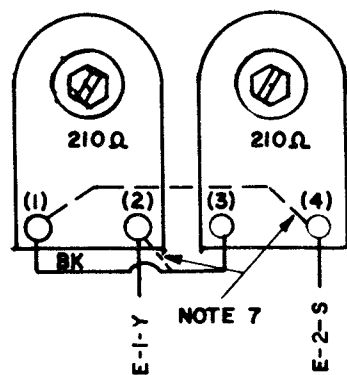
DISTANT TERMINATING AREA  
 DISTANT TERMINAL DESIGNATION  
 A-I-W  
 WIRING COLOR CODE
- 2. COLOR CODE**

|          |                  |
|----------|------------------|
| 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 |
| S-SLATE  | W-S-WHITE-SLATE  |
| W-WHITE  |                  |
- 3. CONNECTORS VIEWED FROM SOLDER TERMINAL ENDS**
- 4. ALL CONTACTS SHOWN IN UNOPERATED POSITION**
- 5. ASSOCIATED CABLES:**  
173440 CABLE ASSEMBLY
- 6. THE NUMBERS ENCLOSED BY PARENTHESES ARE USED FOR REFERENCE AND ARE NOT NECESSARILY SHOWN ON THE PARTS.**
- 7. UNIT EQUIPPED WITH 262 COIL ASSEMBLY (RESISTANCE 210Ω EACH) THE OPERATING CURRENT MUST BE 50 MA 120 V DC FOR EXTERNAL PULSING**

**FOR 110 AC NON-PULSING OPERATION, RELOCATE STRAP ON TERMINAL (1) TO TERMINAL (2), ADD STRAP BETWEEN TERMINALS (1) AND (4) FOR PARALLEL OPERATION OF MAGNETS**
- 8. TERMINAL NO.21 ON CONNECTOR E IS RESERVED FOR POLAR SIGNAL.**
- 9. STRAP WITH #22 GAUGE WIRE AS INDICATED**
- 10. FOR PROPER R.F. FILTERING, POLARITY OF FILTERS MUST BE MAINTAINED. UNIT AS FURNISHED IS WIRED FOR "MARKING" CONTACT NEGATIVE (-) "SPACING" CONTACT POSITIVE (+). TO REVERSE POLARITY OF CONTACTS (MARKING +, SPACING-) MAKE THE FOLLOWING CHANGES:**

  - MOVE GREEN OF TOP FILTER FROM MARKING CONTACT TO SPACING CONTACT
  - MOVE BLACK LEAD OF BOTTOM FILTER FROM SPACING CONTACT TO MARKING CONTACT.

**A**  
TRANSMITTER DISTRIBUTOR CLUTCH MAGNETS



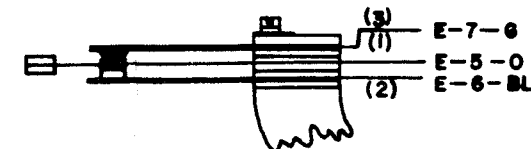
**B**

CONTROL LEVER CONTACT ASSEMBLY



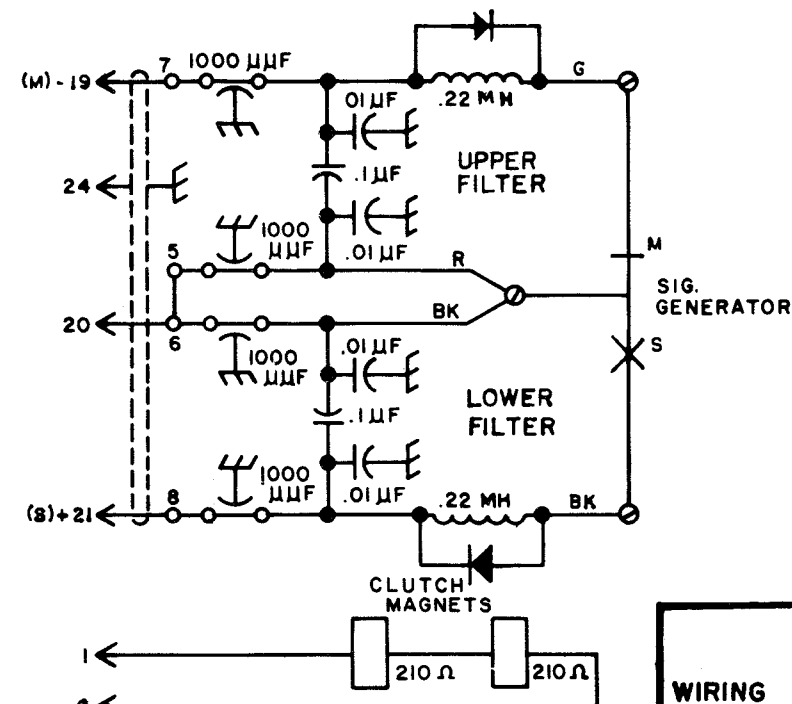
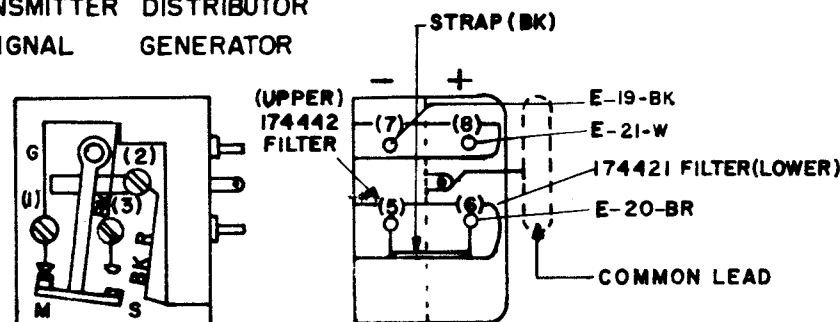
**C**

TAPE-OUT CONTACT ASSEMBLY



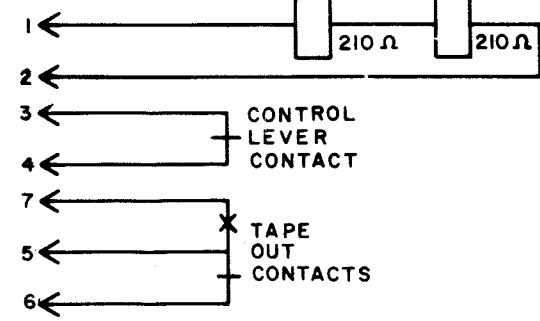
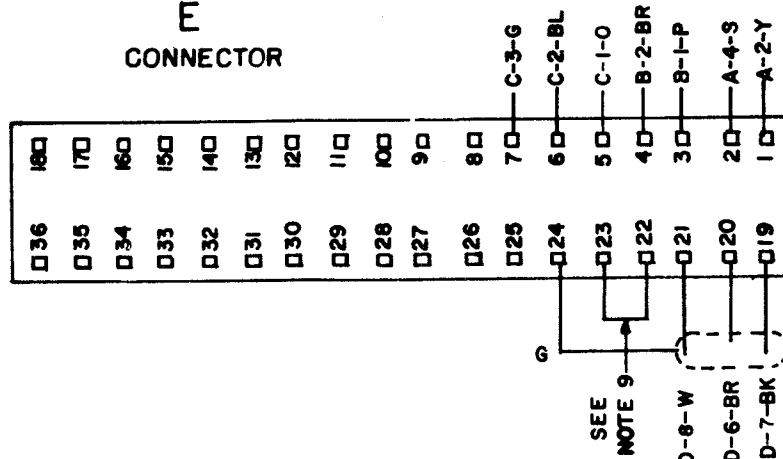
**D**

TRANSMITTER DISTRIBUTOR SIGNAL GENERATOR



**E**

CONNECTOR



WIRING DIAGRAM  
MODEL 28  
TRANSMITTER  
DISTRIBUTOR  
LXD 31

APPROVALS

D AND R E OF M

E-NUMBER

PROB. NO. 7094 WD

DATE: 11-16-64

P.D. FILE NO. 42-A2/65AA

DRAWN R.A.L. CHKD.

ENGD. P.P.P. APPD.

TELETYPE CORPORATION

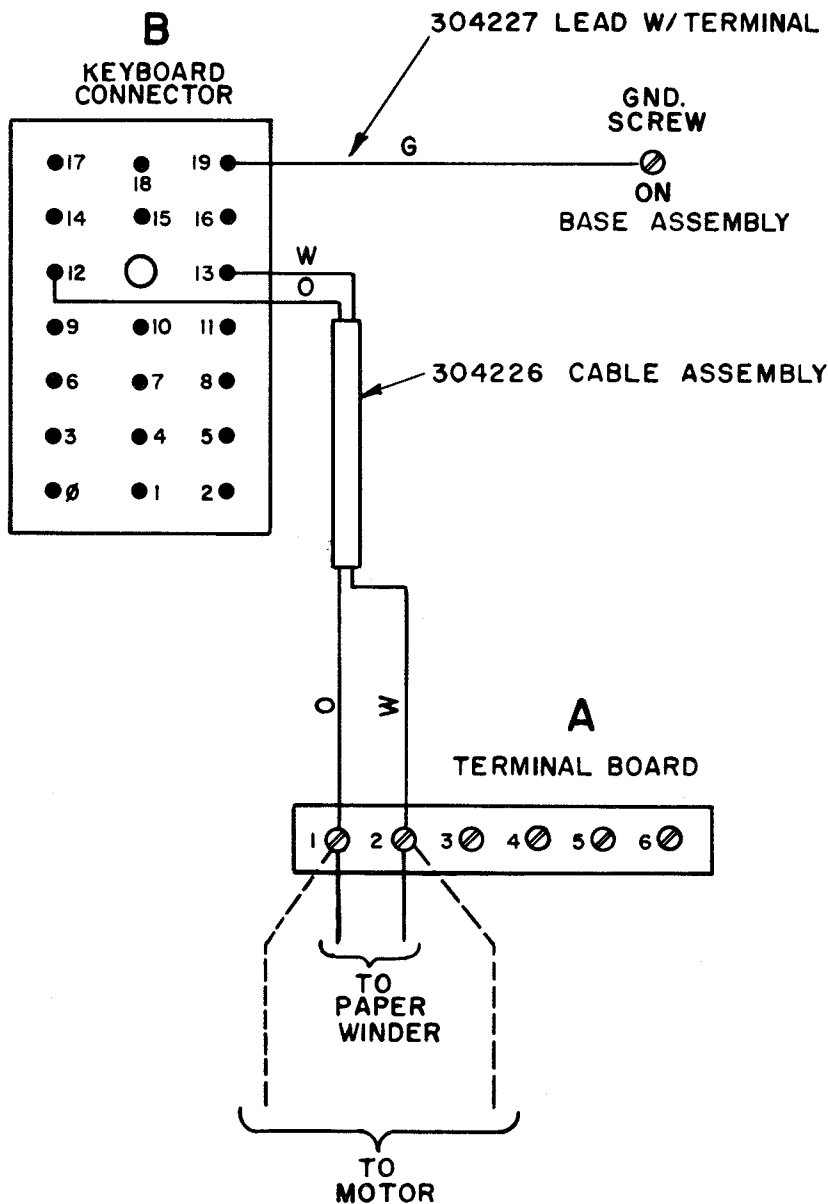
NOTES:  
 I. CONNECTOR VIEWED FROM SOLDER END.

DUPLICATE

7137 WD

REVISIONS

| ISSUE | DATE    | AUTH. NO. |
|-------|---------|-----------|
| 2     | 2-11-65 | 86185     |
|       |         |           |
|       |         |           |
|       |         |           |



ACTUAL  
 WIRING DIAGRAM  
 FOR  
 BASE ASSEMBLY  
 304195

APPROVALS

D AND R: E OF M

*[Handwritten signatures]*

E-NUMBER

PROD. NO. 7137WD

DATE: 6-2-64

P.D. FILE NO. 42-A2/65AA

DRAWN. F.C.S. / M.K. CHKD.

ENG. P.P.P. APPD.

TELETYPE  
 CORPORATION

7137 WD

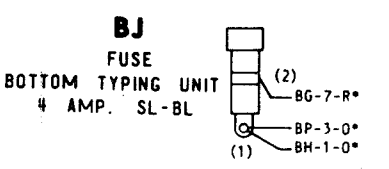
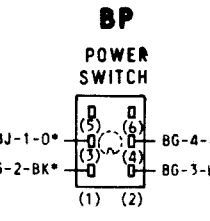
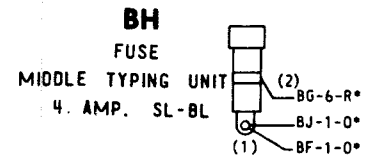
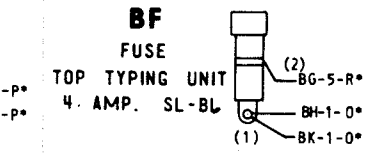
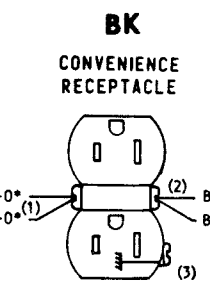
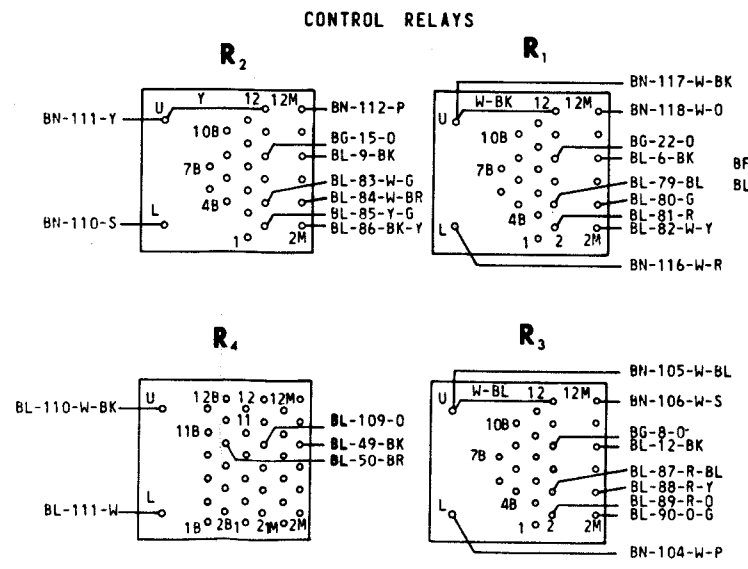
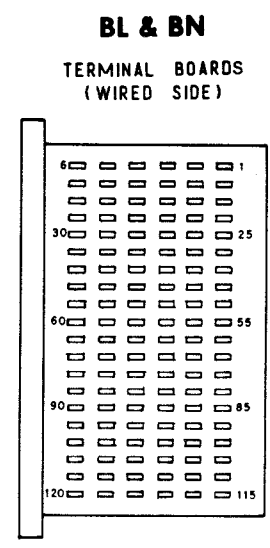
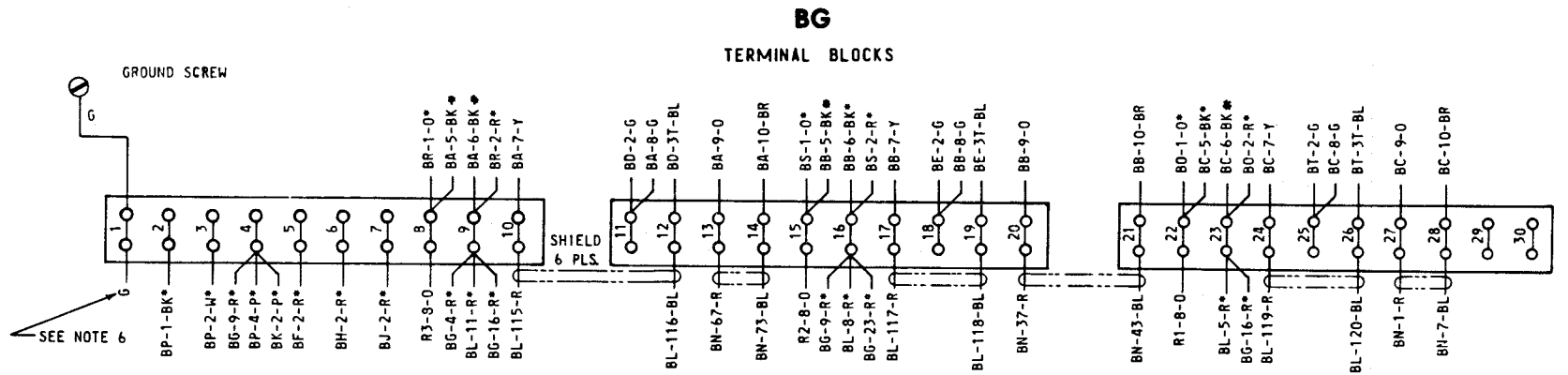
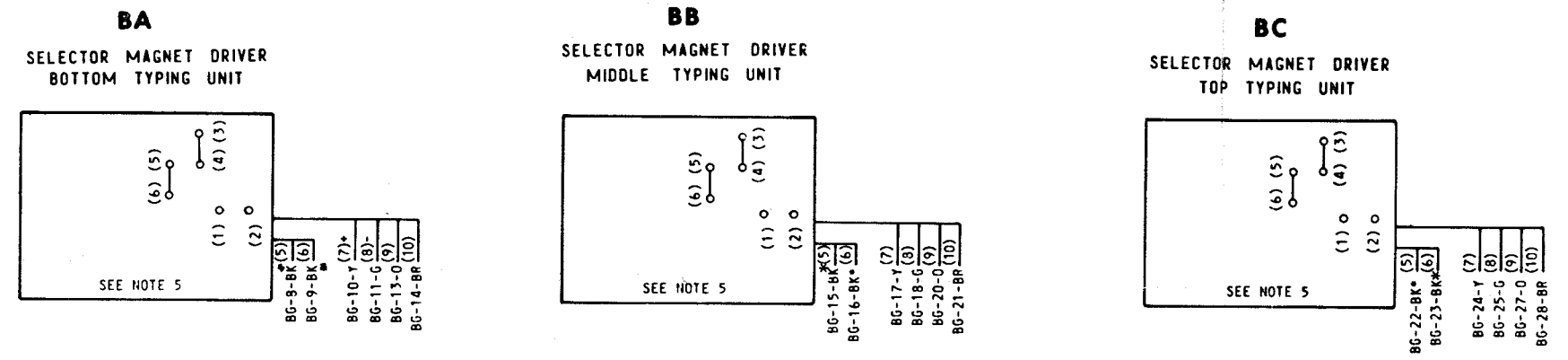
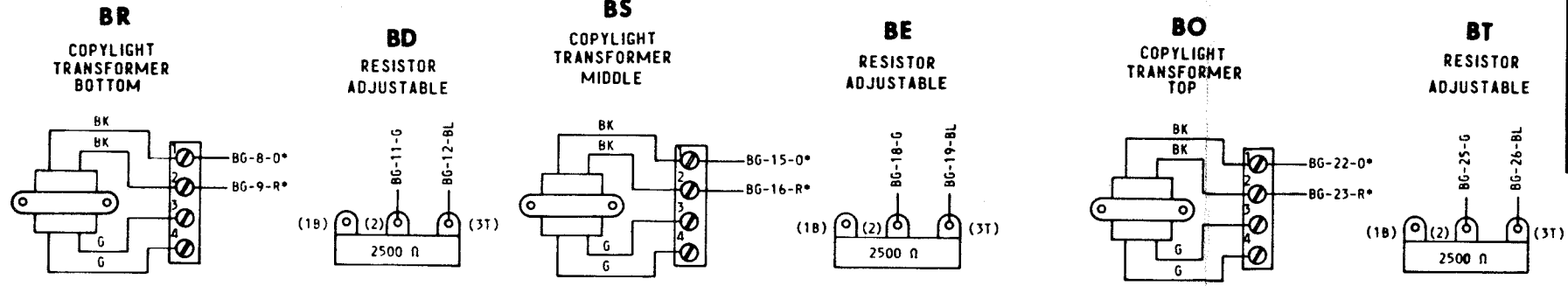
ET-131451

## REVISIONS

| ISSUE | DATE   | AUTH. NO. |
|-------|--------|-----------|
| 1     | 9-4-64 | 15987-R   |
| 2     | 4-2-65 | 86688     |

- NO. NOTES**
- SHEET 1: ACTUAL WIRING OF 179376 CABLE ASSEMBLY (PART OF 304230).  
SHEET 2: ACTUAL WIRING OF 304224 CABLE ASSEMBLY.  
SHEET 3: ACTUAL WIRING OF BL AND BN TERMINAL BOARDS.  
SCHEMATIC DIAGRAM - 7087WD
  - WIRING LEGEND:  
    - DISTANT TERMINATING AREA
    - DISTANT TERMINATING DESIGNATION
    - WIRE COLOR CODE
  - COLOR CODE:  

|          |          |
|----------|----------|
| BK-BLACK | P-PURPLE |
| BL-BLUE  | R-RED    |
| BR-BROWN | S-SLATE  |
| G-GREEN  | W-WHITE  |
| O-ORANGE | Y-YELLOW |
  - COMPONENTS VIEWED FROM SOLDER TERMINAL ENDS.
  - STRAPPING FOR SELECTOR MAGNET DRIVER INPUT OPTIONS:  
 .020 AMP. NEUTRAL OPERATION  
 1-2 OPEN      3-4 OPEN  
 .060 AMP. NEUTRAL OPERATION  
 1-2 STRAPPED      3-4 OPEN  
 .020 TO .030 AMP. POLAR OPERATION  
 1-2 OPEN      3-4 STRAPPED
    - FACTORY STRAPPING: 3 TO 4
  - CUSTOMER TO INSTALL GROUND WIRE IN THIS POSITION.
  - INDICATES 18 GA. WIRE.
    - INDICATES SHIELDED CABLE. ALL OTHER WIRE 24 GA.
  - ✕ INDICATES SPLICE.
  - SL-BL INDICATES SLOW-BLOWING.
  - SPECIFICATION NUMBER: 603115
  - TERMINAL DESIGNATIONS IN PARENTHESIS DO NOT APPEAR ON COMPONENTS.
  - SHIELDS CONNECTED TO THE AR CONNECTOR PLUG ARE ISOLATED FROM ALL OTHER SHIELDS AND ARE CONNECTED TO TERMINAL 52 OF THE BL TERMINAL BOARD.



SHEET 1 OF 3

ACTUAL WIRING DIAGRAM  
LBAC255

(WIRING OF ELECTRICAL SERVICE ASSEMBLY 304230)

APPROVALS

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

E-NUMBER

PROD. NO. 7149WD

DATE 6/11/64

P.D. FILE NO. 42-A2/65AA

DRAWN

CHKD.

ENGD. P.P.P.

APPD. EJC

TELETYPE CORPORATION

# 7149WD

SEE SHEET 1 FOR NOTES.  
ALL LEADS ON THIS SHEET  
ARE PART OF 304224 CABLE  
ASSEMBLY.

RECEPTACLE CONNECTORS

7149WD

| ISSUE | DATE   | AUTH. NO. |
|-------|--------|-----------|
| 1     | 9-4-64 | 15987-R   |
| 2     | 4-2-65 | 88688     |

STUNT BOX  
(OUTER)

PRINTER  
(INNER)

BASE OR  
KEYBOARD

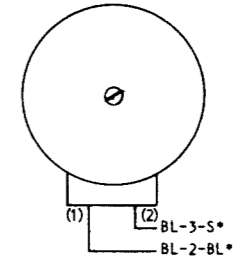
POWER  
SWITCHES

COPY  
LAMP HOLDERS

COPYRIGHT  
TRANSFORMER  
TERMINAL  
BOARD

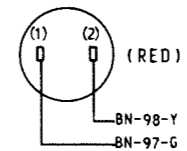
AD

SIGNAL BELL



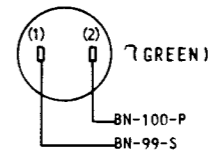
AE

STAND-BY  
INDICATOR LAMP



AF

OPERATE  
INDICATOR LAMP



SHEET 2 OF 3

ACTUAL  
WIRING DIAGRAM  
FOR  
LBAC255

APPROVALS

D AND R E OF M

E-NUMBER

PRD NO 7149WD

DATE 6-16-64

P.D. FILE NO 42-A2/65AA

DRAWN

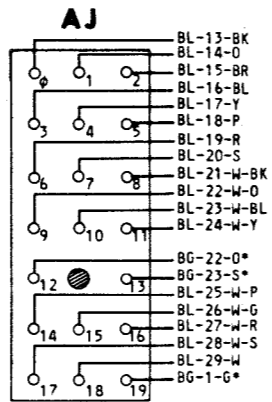
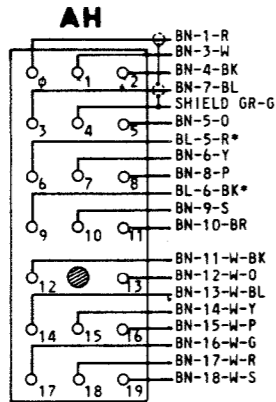
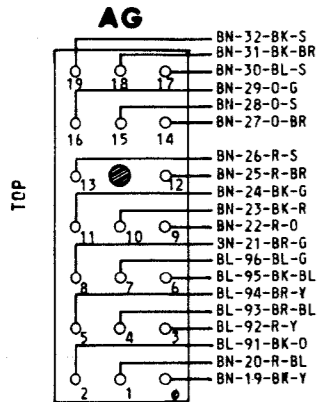
CHKD

ENGR P.P.P.

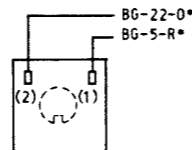
APPR

TELETYPE  
CORPORATION

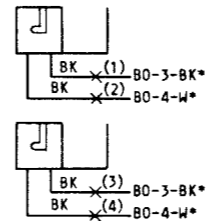
7149WD



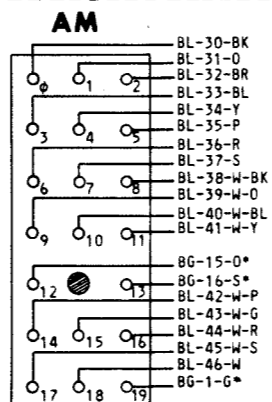
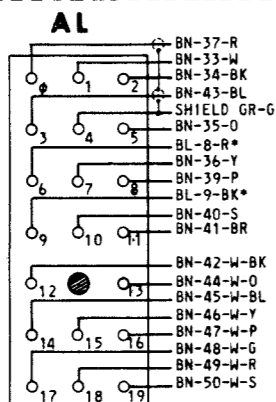
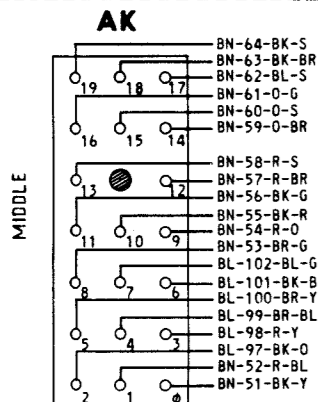
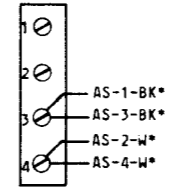
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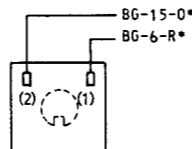
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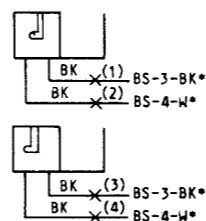
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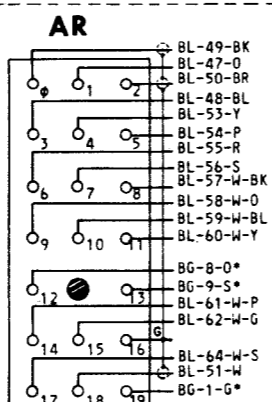
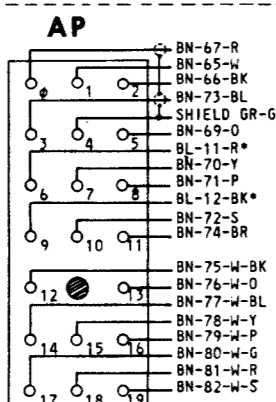
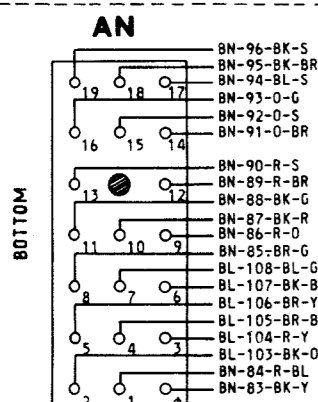
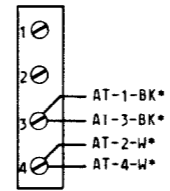
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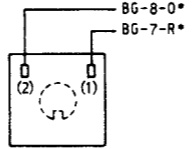
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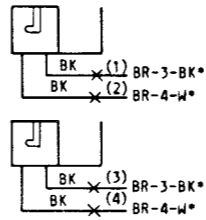
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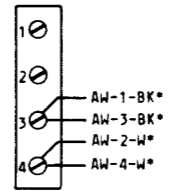
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AW

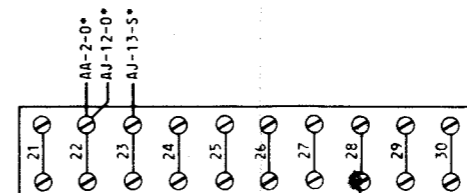
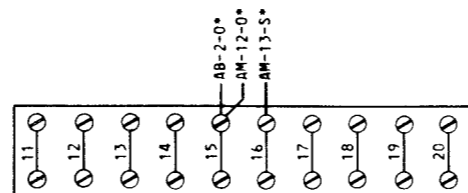
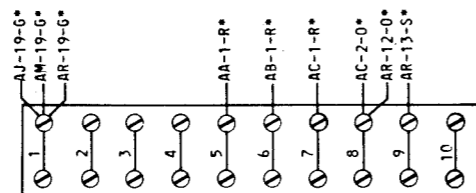


BR



BG

TERMINAL BOARDS  
(ON ELECTRICAL SERVICE ASSEMBLY)





SEE SHEET 1 FOR NOTES.  
SEE SHEET 2 FOR NUMBERING OF TERMINAL BOARDS.

### 179376 CABLE ASSEMBLY

# 7149WD

| BL TERMINAL BOARD LEGEND |             |     |              |
|--------------------------|-------------|-----|--------------|
| NO.                      | DESTINATION | NO. | DESTINATION  |
| 1                        | BK-1-D*     | 31  |              |
| 2                        |             | 32  |              |
| 3                        | BK-2-P*     | 33  |              |
| 4                        |             | 34  |              |
| 5                        | BG-23-R*    | 35  |              |
| 6                        | R1-8M-BK    | 36  |              |
| 7                        |             | 37  |              |
| 8                        | BG-16-R*    | 38  |              |
| 9                        | R2-8M-BK    | 39  |              |
| 10                       |             | 40  |              |
| 11                       | BG-9-R*     | 41  |              |
| 12                       | R3-8M-BK    | 42  |              |
| 13                       |             | 43  |              |
| 14                       |             | 44  |              |
| 15                       |             | 45  |              |
| 16                       |             | 46  |              |
| 17                       |             | 47  |              |
| 18                       |             | 48  |              |
| 19                       |             | 49  | R4-8M-BK     |
| 20                       |             | 50  | R4-8B-BR     |
| 21                       |             | 51  |              |
| 22                       |             | 52  |              |
| 23                       |             | 53  |              |
| 24                       |             | 54  |              |
| 25                       |             | 55  |              |
| 26                       |             | 56  |              |
| 27                       |             | 57  |              |
| 28                       |             | 58  |              |
| 29                       |             | 59  |              |
| 30                       |             | 60  |              |
|                          |             | 61  | R1-4-BL      |
|                          |             | 62  | R1-4M-G      |
|                          |             | 63  | R1-2-R       |
|                          |             | 64  | R1-2M-W-Y    |
|                          |             | 65  | R2-4-W-G     |
|                          |             | 66  | R2-4M-W-BR   |
|                          |             | 67  | R2-2-Y-G     |
|                          |             | 68  | R2-2M-BK-Y   |
|                          |             | 69  | R3-4-R-BL    |
|                          |             | 70  | R3-4M-R-Y    |
|                          |             | 71  | R3-2-R-O     |
|                          |             | 72  | R3-2M-O-G    |
|                          |             | 73  |              |
|                          |             | 74  |              |
|                          |             | 75  |              |
|                          |             | 76  |              |
|                          |             | 77  |              |
|                          |             | 78  |              |
|                          |             | 79  | R1-4-BL      |
|                          |             | 80  | R1-4M-G      |
|                          |             | 81  | R1-2-R       |
|                          |             | 82  | R1-2M-W-Y    |
|                          |             | 83  | R2-4-W-G     |
|                          |             | 84  | R2-4M-W-BR   |
|                          |             | 85  | R2-2-Y-G     |
|                          |             | 86  | R2-2M-BK-Y   |
|                          |             | 87  | R3-4-R-BL    |
|                          |             | 88  | R3-4M-R-Y    |
|                          |             | 89  | R3-2-R-O     |
|                          |             | 90  | R3-2M-O-G    |
|                          |             | 91  |              |
|                          |             | 92  |              |
|                          |             | 93  |              |
|                          |             | 94  |              |
|                          |             | 95  |              |
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|                          |             | 104 |              |
|                          |             | 105 |              |
|                          |             | 106 |              |
|                          |             | 107 |              |
|                          |             | 108 |              |
|                          |             | 109 | R4-8-O       |
|                          |             | 110 | R4-U-W-BK    |
|                          |             | 111 | R4-L-W       |
|                          |             | 112 |              |
|                          |             | 113 |              |
|                          |             | 114 | SHIELD GR.-G |
|                          |             | 115 | BG-10-R      |
|                          |             | 116 | BG-12-BL     |
|                          |             | 117 | BG-17-R      |
|                          |             | 118 | BG-19-BL     |
|                          |             | 119 | BG-24-R      |
|                          |             | 120 | BG-26-BL     |

| BN TERMINAL BOARD LEGEND |              |     |              |
|--------------------------|--------------|-----|--------------|
| NO.                      | DESTINATION  | NO. | DESTINATION  |
| 1                        | BG-27-R      | 31  |              |
| 2                        | SHIELD GR.-G | 32  |              |
| 3                        |              | 33  |              |
| 4                        |              | 34  |              |
| 5                        |              | 35  |              |
| 6                        |              | 36  |              |
| 7                        | BG-28-BL     | 37  | BG-20-R      |
| 8                        |              | 38  | SHIELD GR.-G |
| 9                        |              | 39  |              |
| 10                       |              | 40  |              |
| 11                       |              | 41  |              |
| 12                       |              | 42  |              |
| 13                       |              | 43  | BG-21-BL     |
| 14                       |              | 44  |              |
| 15                       |              | 45  |              |
| 16                       |              | 46  |              |
| 17                       |              | 47  |              |
| 18                       |              | 48  |              |
| 19                       |              | 49  |              |
| 20                       |              | 50  |              |
| 21                       |              | 51  |              |
| 22                       |              | 52  |              |
| 23                       |              | 53  |              |
| 24                       |              | 54  |              |
| 25                       |              | 55  |              |
| 26                       |              | 56  |              |
| 27                       |              | 57  |              |
| 28                       |              | 58  |              |
| 29                       |              | 59  |              |
| 30                       |              | 60  |              |
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|                          |              | 63  |              |
|                          |              | 64  |              |
|                          |              | 65  |              |
|                          |              | 66  |              |
|                          |              | 67  | BG-13-R      |
|                          |              | 68  | SHIELD GR.-G |
|                          |              | 69  |              |
|                          |              | 70  |              |
|                          |              | 71  |              |
|                          |              | 72  |              |
|                          |              | 73  | BG-14-BL     |
|                          |              | 74  |              |
|                          |              | 75  |              |
|                          |              | 76  |              |
|                          |              | 77  |              |
|                          |              | 78  |              |
|                          |              | 79  |              |
|                          |              | 80  |              |
|                          |              | 81  | R2-L-S       |
|                          |              | 82  | R2-U-Y       |
|                          |              | 83  | R2-12M-P     |
|                          |              | 84  |              |
|                          |              | 85  |              |
|                          |              | 86  | R1-L-W-R     |
|                          |              | 87  | R1-U-W-BK    |
|                          |              | 88  | R1-12M-W-O   |
|                          |              | 89  |              |
|                          |              | 90  |              |
|                          |              | 91  |              |
|                          |              | 92  |              |
|                          |              | 93  |              |
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|                          |              | 101 |              |
|                          |              | 102 |              |
|                          |              | 103 |              |
|                          |              | 104 | R3-L-W-P     |
|                          |              | 105 | R3-U-W-BL    |
|                          |              | 106 | R3-12M-W-S   |
|                          |              | 107 |              |
|                          |              | 108 |              |
|                          |              | 109 |              |
|                          |              | 110 | R2-L-S       |
|                          |              | 111 | R2-U-Y       |
|                          |              | 112 | R2-12M-P     |
|                          |              | 113 |              |
|                          |              | 114 |              |
|                          |              | 115 |              |
|                          |              | 116 | R1-L-W-R     |
|                          |              | 117 | R1-U-W-BK    |
|                          |              | 118 | R1-12M-W-O   |
|                          |              | 119 |              |
|                          |              | 120 |              |

| ISSUE | DATE   | AUTH. NO. |
|-------|--------|-----------|
| 1     | 9-4-64 | 15987-R   |
| 2     | 4-2-65 | 86688     |

### 304224 CABLE ASSEMBLY

| BL TERMINAL BOARD LEGEND |             |     |                       |
|--------------------------|-------------|-----|-----------------------|
| NO.                      | DESTINATION | NO. | DESTINATION           |
| 1                        |             | 31  | AN-1-O                |
| 2                        | AD-1-BL*    | 32  | AM-2-BR               |
| 3                        | AD-2-S*     | 33  | AM-3-BL               |
| 4                        |             | 34  | AM-4-Y                |
| 5                        | AH-6-R*     | 35  | AM-5-P                |
| 6                        | AH-9-BK*    | 36  | AM-6-R                |
| 7                        |             | 37  | AM-7-S                |
| 8                        | AL-6-R*     | 38  | AM-8-W-BK             |
| 9                        | AL-9-BK*    | 39  | AM-9-W-O              |
| 10                       |             | 40  | AM-10-W-BL            |
| 11                       | AP-6-R*     | 41  | AM-11-W-Y             |
| 12                       | AP-9-BK*    | 42  | AM-14-W-P             |
| 13                       | AJ-φ-9K     | 43  | AM-15-W-G             |
| 14                       | AJ-1-O      | 44  | AM-16-W-R             |
| 15                       | AJ-2-BR     | 45  | AM-17-W-S             |
| 16                       | AJ-3-BL     | 46  | AM-18-W               |
| 17                       | AJ-4-Y      | 47  | AR-1-O                |
| 18                       | AJ-5-P      | 48  | AR-3-BL               |
| 19                       | AJ-6-R      | 49  | AR-φ-BK               |
| 20                       | AJ-7-S      | 50  | AR-2-BR               |
| 21                       | AJ-8-W-BK   | 51  | AR-18-W               |
| 22                       | AJ-9-W-O    | 52  | SHIELD GR.-G(NOTE 12) |
| 23                       | AJ-10-W-BL  | 53  | AR-4-Y                |
| 24                       | AJ-11-W-Y   | 54  | AR-5-P                |
| 25                       | AJ-14-W-P   | 55  | AR-6-R                |
| 26                       | AJ-15-W-G   | 56  | AR-7-S                |
| 27                       | AJ-16-W-R   | 57  | AR-8-W-BK             |
| 28                       | AJ-17-W-S   | 58  | AR-9-W-O              |
| 29                       | AJ-18-W     | 59  | AR-10-W-BL            |
| 30                       | AM-φ-BK     | 60  | AR-11-W-Y             |
|                          |             | 61  | AR-14-W-P             |
|                          |             | 62  | AR-15-W-G             |
|                          |             | 63  |                       |
|                          |             | 64  | AR-17-W-S             |
|                          |             | 65  |                       |
|                          |             | 66  |                       |
|                          |             | 67  |                       |
|                          |             | 68  |                       |
|                          |             | 69  |                       |
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|                          |             | 80  |                       |
|                          |             | 81  |                       |
|                          |             | 82  |                       |
|                          |             | 83  |                       |
|                          |             | 84  | BN-2-G                |
|                          |             | 85  |                       |
|                          |             | 86  |                       |
|                          |             | 87  |                       |
|                          |             | 88  |                       |
|                          |             | 89  |                       |
|                          |             | 90  |                       |
|                          |             | 91  | AG-2-BK-O             |
|                          |             | 92  | AG-3-R-Y              |
|                          |             | 93  | AG-4-BR-BL            |
|                          |             | 94  | AG-5-BR-Y             |
|                          |             | 95  | AG-6-BK-BL            |
|                          |             | 96  | AG-7-BL-G             |
|                          |             | 97  | AK-2-BK-O             |
|                          |             | 98  | AK-3-R-Y              |
|                          |             | 99  | AK-4-BR-BL            |
|                          |             | 100 | AK-5-BR-Y             |
|                          |             | 101 | AK-6-BK-BL            |
|                          |             | 102 | AK-7-BL-G             |
|                          |             | 103 | AN-2-BK-O             |
|                          |             | 104 | AN-3-R-Y              |
|                          |             | 105 | AN-4-BR-BL            |
|                          |             | 106 | AN-5-BR-Y             |
|                          |             | 107 | AN-6-BK-BL            |
|                          |             | 108 | AN-7-BL-G             |
|                          |             | 109 |                       |
|                          |             | 110 |                       |
|                          |             | 111 |                       |
|                          |             | 112 |                       |
|                          |             | 113 |                       |
|                          |             | 114 | BN-2-G                |
|                          |             | 115 |                       |
|                          |             | 116 |                       |
|                          |             | 117 |                       |
|                          |             | 118 |                       |
|                          |             | 119 |                       |
|                          |             | 120 |                       |

| BN TERMINAL BOARD LEGEND |                      |     |                      |
|--------------------------|----------------------|-----|----------------------|
| NO.                      | DESTINATION          | NO. | DESTINATION          |
| 1                        | AH-φ-R               | 31  | AG-18-BK-BR          |
| 2                        | SHIELD GR.-G(BN-2-G) | 32  | AG-19-BK-S           |
| 3                        | AH-1-W               | 33  | AL-1-W               |
| 4                        | AH-2-BK              | 34  | AL-2-BK              |
| 5                        | AH-5-O               | 35  | AL-5-O               |
| 6                        | AH-7-Y               | 36  | AL-7-Y               |
| 7                        | AH-3-BL              | 37  | AL-φ-R               |
| 8                        | AH-8-P               | 38  | SHIELD GR.-G(BN-2-G) |
| 9                        | AH-10-S              | 39  | AL-8-P               |
| 10                       | AH-11-BR             | 40  | AL-10-S              |
| 11                       | AH-12-W-BK           | 41  | AL-11-BR             |
| 12                       | AH-13-W-O            | 42  | AL-12-W-BK           |
| 13                       | AH-14-W-BL           | 43  | AL-3-BL              |
| 14                       | AH-15-W-Y            | 44  | AL-13-W-O            |
| 15                       | AH-16-W-P            | 45  | AL-14-W-BL           |
| 16                       | AH-17-W-G            | 46  | AL-15-W-Y            |
| 17                       | AH-18-W-R            | 47  | AL-16-W-P            |
| 18                       | AH-19-W-S            | 48  | AL-17-W-G            |
| 19                       | AG-φ-BK-Y            | 49  | AL-18-W-R            |
| 20                       | AG-1-R-BL            | 50  | AL-19-W-S            |
| 21                       | AG-8-BR-G            | 51  | AK-φ-BK-Y            |
| 22                       | AG-9-R-O             | 52  | AK-1-R-BL            |
| 23                       | AG-10-BK-R           | 53  | AK-8-BR-G            |
| 24                       | AG-11-BK-G           | 54  | AK-9-R-O             |
| 25                       | AG-12-R-BR           | 55  | AK-10-BK-R           |
| 26                       | AG-13-R-S            | 56  | AK-11-BK-G           |
| 27                       | AG-14-O-BR           | 57  | AK-12-R-BR           |
| 28                       | AG-15-O-S            | 58  | AK-13-R-S            |
| 29                       | AG-16-O-G            | 59  | AK-14-O-BR           |
| 30                       | AG-17-BL-S           | 60  | AK-15-O-S            |
|                          |                      | 61  | AK-16-O-G            |
|                          |                      | 62  | AK-17-BL-S           |
|                          |                      | 63  | AK-18-BK-BR          |
|                          |                      | 64  | AK-19-BK-S           |
|                          |                      | 65  | AP-1-W               |
|                          |                      | 66  | AP-2-BK              |
|                          |                      | 67  | AP-φ-R               |
|                          |                      | 68  | SHIELD GR.-G(BN-2-G) |
|                          |                      | 69  | AP-5-O               |
|                          |                      | 70  | AP-7-Y               |
|                          |                      | 71  | AP-8-P               |
|                          |                      | 72  | AP-10-S              |
|                          |                      | 73  | AP-3-BL              |
|                          |                      | 74  | AP-11-BR             |
|                          |                      | 75  | AP-12-W-BK           |
|                          |                      | 76  | AP-13-W-O            |
|                          |                      | 77  | AP-14-W-BL           |
|                          |                      | 78  | AP-15-W-Y            |
|                          |                      | 79  | AP-16-W-P            |
|                          |                      | 80  | AP-17-W-G            |
|                          |                      | 81  | AP-18-W-R            |
|                          |                      | 82  | AP-19-W-S            |
|                          |                      | 83  | AN-φ-BK-Y            |
|                          |                      | 84  | AN-1-R-BL            |
|                          |                      | 85  | AN-8-BR-G            |
|                          |                      | 86  | AN-9-R-O             |
|                          |                      | 87  | AN-10-BK-R           |
|                          |                      | 88  | AN-11-BK-G           |
|                          |                      | 89  | AN-12-R-BR           |
|                          |                      | 90  | AN-13-R-S            |
|                          |                      | 91  | AN-14-O-BR           |
|                          |                      | 92  | AN-15-O-S            |
|                          |                      | 93  | AN-16-O-G            |
|                          |                      | 94  | AN-17-BL-S           |
|                          |                      | 95  | AN-18-BK-BR          |
|                          |                      | 96  | AN-19-BK-S           |
|                          |                      | 97  | AE-1-G               |
|                          |                      | 98  | AE-2-Y               |
|                          |                      | 99  | AF-1-S               |
|                          |                      | 100 | AF-2-P               |
|                          |                      | 101 |                      |
|                          |                      | 102 |                      |
|                          |                      | 103 |                      |
|                          |                      | 104 |                      |
|                          |                      | 105 |                      |
|                          |                      | 106 |                      |
|                          |                      | 107 |                      |
|                          |                      | 108 |                      |
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|                          |                      | 110 |                      |
|                          |                      | 111 |                      |
|                          |                      | 112 |                      |
|                          |                      | 113 |                      |
|                          |                      | 114 |                      |
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|                          |                      | 116 |                      |
|                          |                      | 117 |                      |
|                          |                      | 118 |                      |
|                          |                      | 119 |                      |
|                          |                      | 120 |                      |

SHEET 3 OF 3

ACTUAL  
WIRING DIAGRAM  
LBAC255  
(WIRING OF BL AND BN  
TERMINAL BOARDS)

APPROVALS  
I AND R E OF M  
*[Signatures]*

E-NUMBER  
PRG NO 7149WD

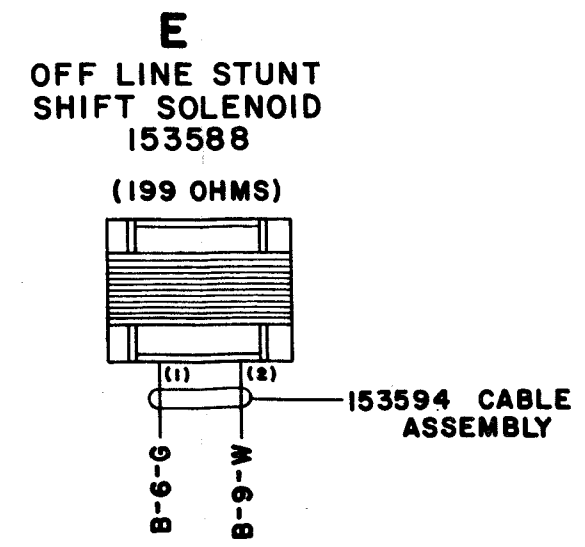
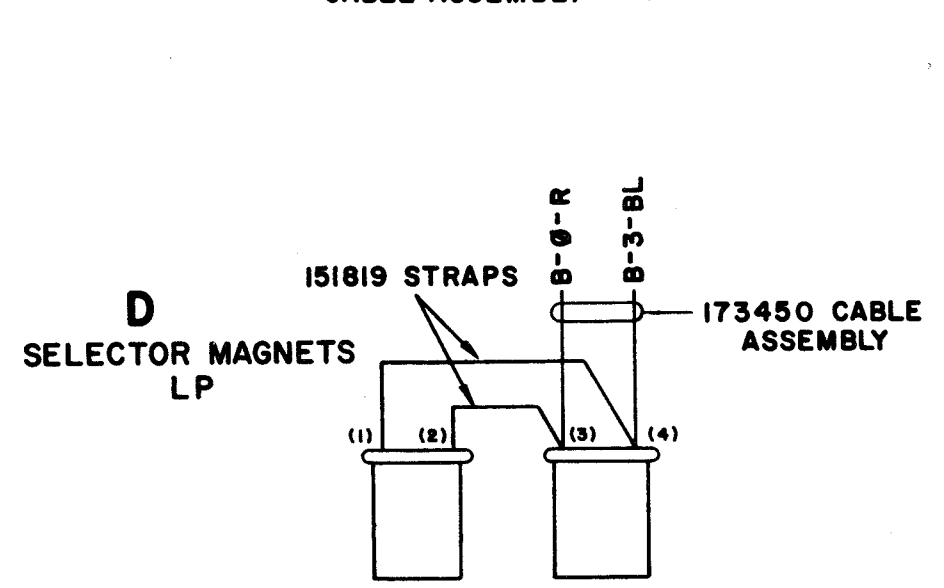
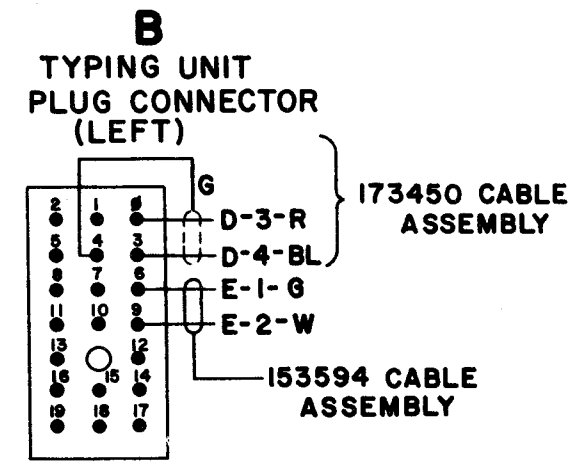
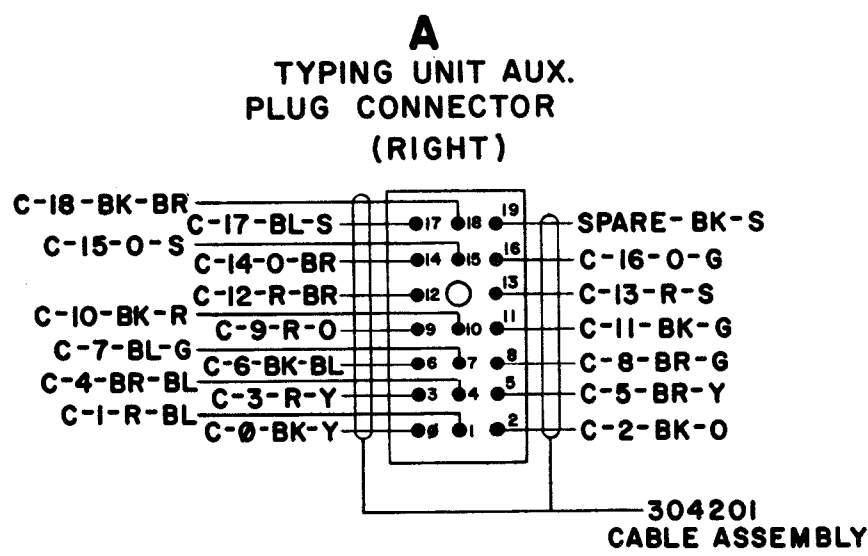
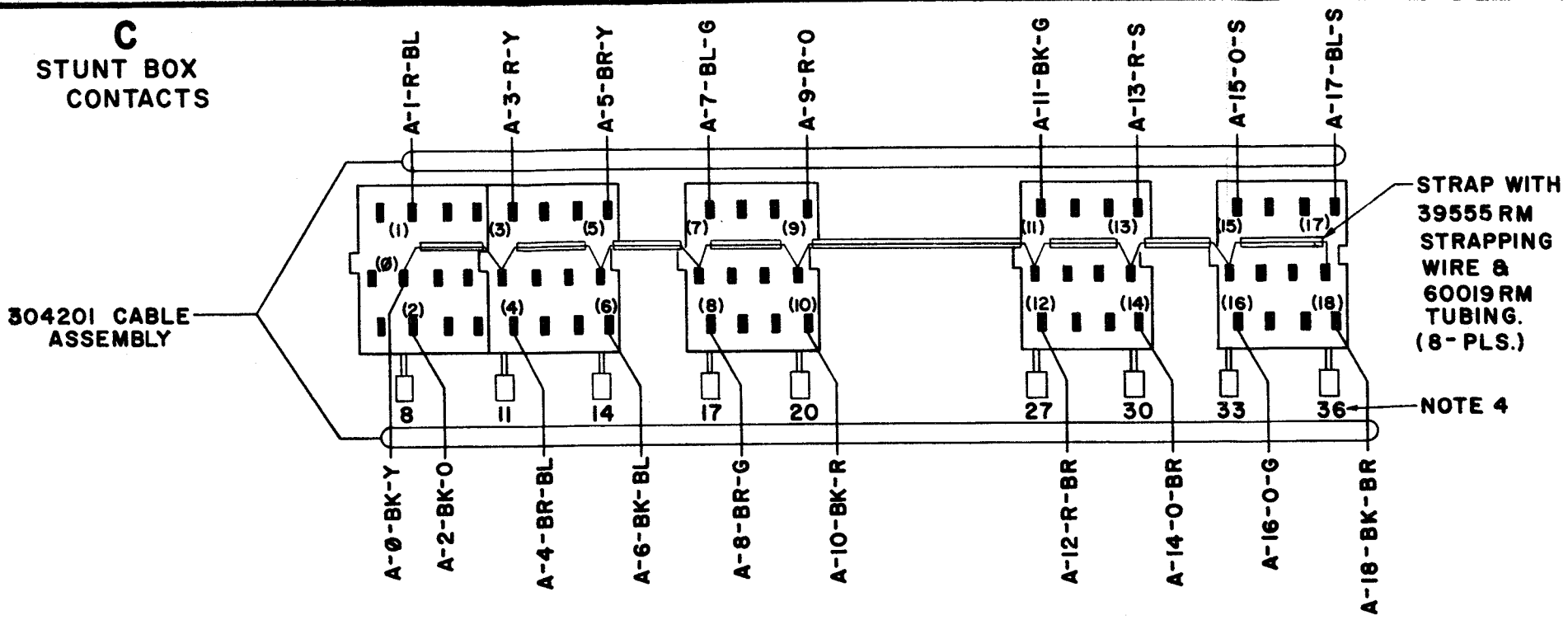
DATE: 7-10-64  
PL FILE NO. 42-A2-65AA

DRAWN CHKD  
ENGD PPP APPD *[Signature]*

TELETYPE CORPORATION  
**7149WD**

| ISSUE | DATE    | AUTH. NO. |
|-------|---------|-----------|
| 1     | 9-14-64 | 15903-R   |
|       |         |           |
|       |         |           |

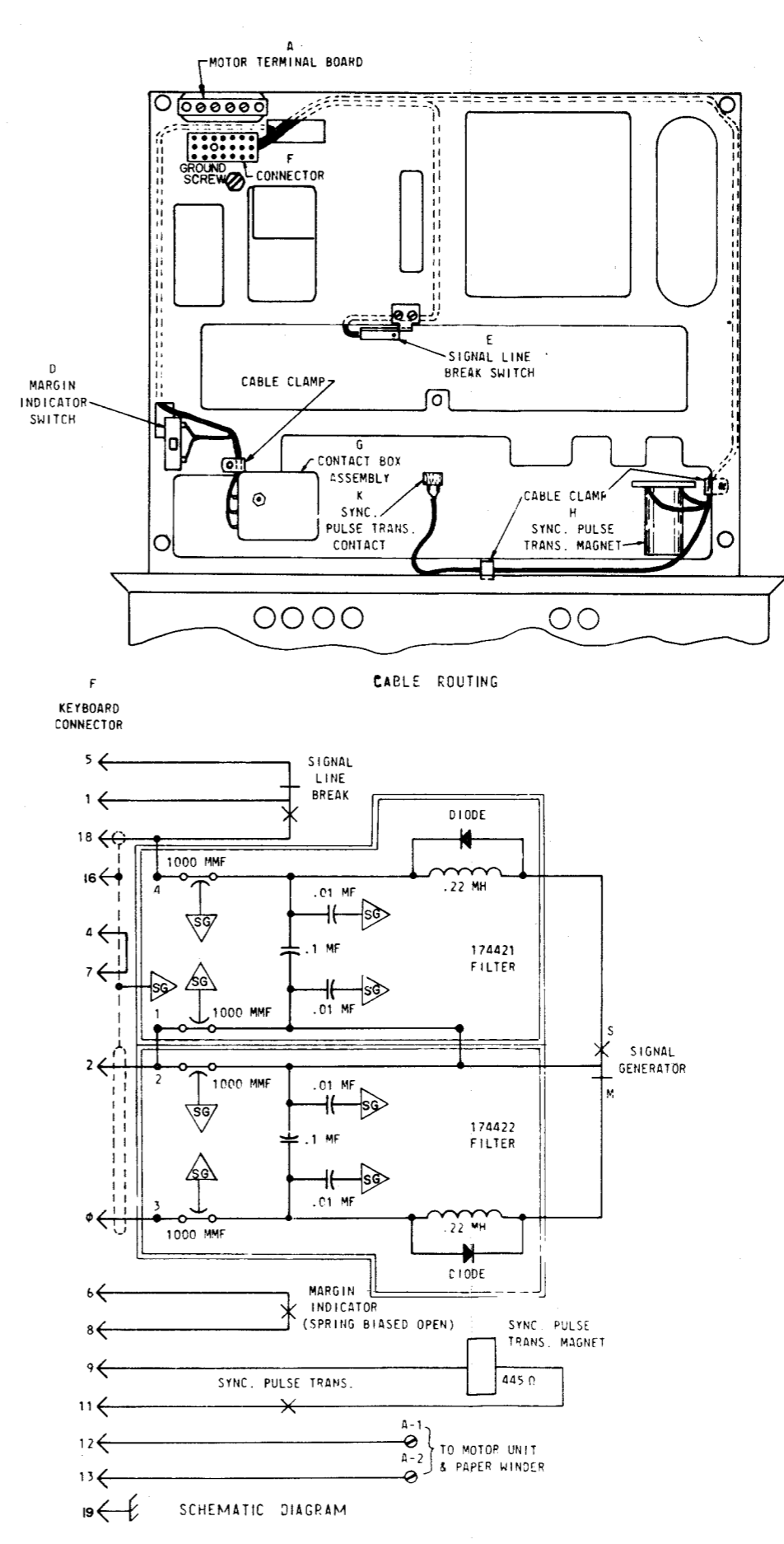
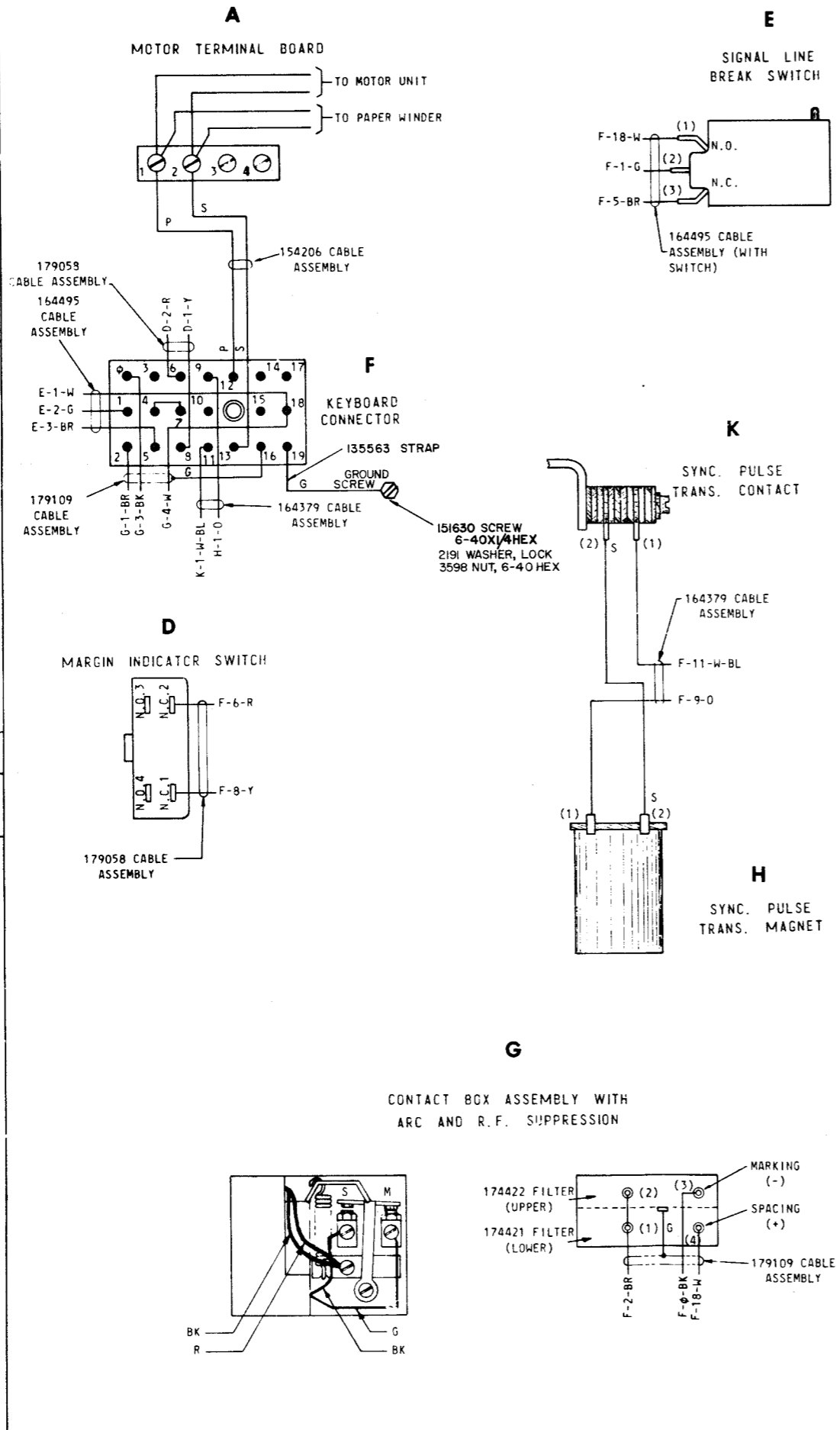
- NO.** **NOTES**
- CHANNEL LEGEND:**  
 DISTANT TERMINATING AREA  
 DISTANT TERMINAL DESTINATION  
 WIRE COLOR  
 C-3-BL
  - COLOR CODE:**  
 BK - BLACK      G - GREEN  
 BR - BROWN     BL - BLUE  
 R - RED          P - PURPLE  
 O - ORANGE      S - SLATE  
 Y - YELLOW      W - WHITE
  - CONNECTORS VIEWED FROM SOLDERED TERMINAL END.**
  - INDICATES NUMBER OF SLOT IN STUNT BOX.**
  - USE 155751 SLEEVES ON EACH TERMINAL OF THE "A" CONNECTOR AND ON TERMINALS 4, 6 & 9 OF THE "B" CONNECTOR.**



**APPROVALS**

|   |                          |
|---|--------------------------|
| D AND R   | E OF M                   |
| <i>[Signature]</i>  | <i>[Signature]</i>       |
| E. NUMBER   |                          |
| PROD. NO. 7154 WD   |                          |
| ACTUAL WIRING DIAGRAM FOR MODEL 28 TYPING UNIT LP124 WITH STUNT BOX "AJU" |                          |
| DATE: 6-4-64  |                          |
| P.D. FILE NO. 42-A2/65AA  |                          |
| DRAWN. F.C.S.   | CHKD. <i>[Signature]</i> |
| ENGD. P.P.P.  | APPD. <i>[Signature]</i> |
| <b>TELETYPE CORPORATION</b>   |                          |
| 7154 W  |                          |

1. WIRING LEGEND:  
 Distant Terminating Area  
 Distant Terminating Designation  
 F-8-Y WIRE COLOR CODE
2. COLOR CODE:  
 BK-BLACK P-PURPLE  
 BL-BLUE R-RED  
 BR-BROWN S-SLATE  
 G-GREEN W-WHITE  
 O-ORANGE Y-YELLOW
3. CONNECTOR VIEWED FROM SOLDER TERMINAL SIDE.
4. 154206, 179058 AND 179109 CABLE ASSEMBLIES ARE PART OF 179110 KEYBOARD CABLE ASSEMBLY.
5. FOR PROPER R.F. FILTERING, POLARITY OF FILTERS MUST BE MAINTAINED. FACTORY WIRING IS FOR:  
 a. MARKING CONTACT - NEGATIVE (-)  
 b. SPACING CONTACT - POSITIVE (+)  
 TO REVERSE POLARITY SO THAT THE MARKING CONTACT IS POSITIVE (+) AND THE SPACING CONTACT IS NEGATIVE (-), MAKE THE FOLLOWING CHANGES WITHIN THE CONTACT BOX ASSEMBLY:  
 a. MOVE THE BLACK LEAD ON THE SPACING CONTACT TERMINAL SCREW TO THE MARKING CONTACT TERMINAL SCREW.  
 b. MOVE THE GREEN LEAD ON THE MARKING CONTACT TERMINAL SCREW TO THE SPACING CONTACT TERMINAL SCREW.  
 c. INTERCHANGE THE BLACK AND WHITE LEADS FROM THE "F" CONNECTOR TO THE CONTACT BOX SO THAT THE BLACK LEAD NOW CONNECTS TO TERMINAL 4 AND THE WHITE LEAD CONNECTS TO TERMINAL 3.
6. ← MALE CONNECTOR TERMINAL
7. TERMINATING DESIGNATIONS IN PARENTHESIS, DO NOT APPEAR ON COMPONENT.



7155 WD

| REVISIONS |         |           |
|-----------|---------|-----------|
| ISSUE     | DATE    | AUTH. NO. |
| 1         | 2-5-65  | 16061-R   |
| 2         | 3-23-65 | 86787     |

ACTUAL AND SCHEMATIC WIRING DIAGRAM FOR MODEL 28 KEYBOARD LK52

APPROVALS

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

E-NUMBER

PROD. NO. 7155WD

DATE 6/17/64

P.D. FILE NO. 42-A2,654A

DRAWN P.P.P. CHKD. E.V.C.

ENGD. P.P.P. APPD. E.V.C.

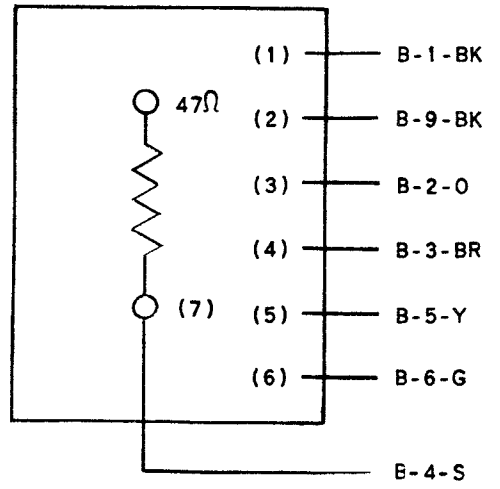
TELETYPE CORPORATION

7155 WD

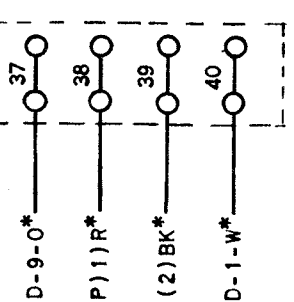
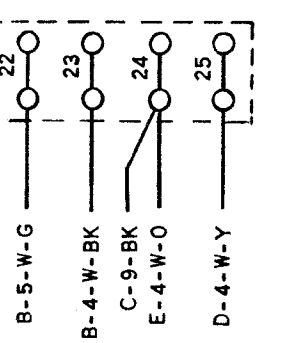
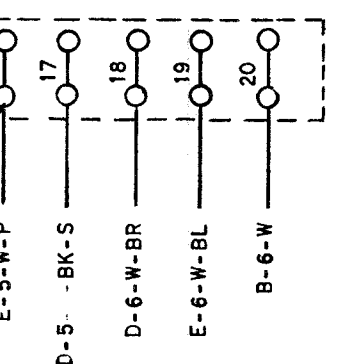
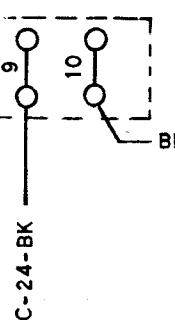
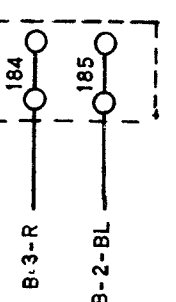
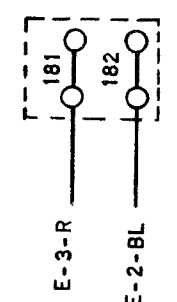
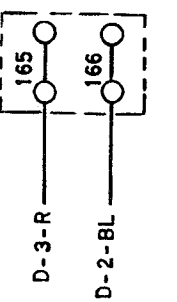
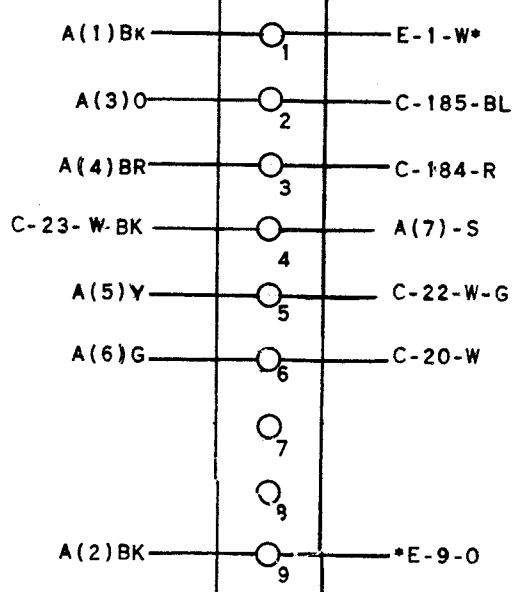
| NO. | NOTES   |
|-----|---|
| 1.  | <b>WIRING LEGEND:</b><br>   |
| 2.  | SEE 7469WD FOR SCHEMATIC WIRING DIAGRAM.  |
| 3.  | TERMINAL DESIGNATIONS ENCLOSED IN PARENTHESES ARE FOR REFERENCE AND ARE NOT MARKED ON COMPONENTS.                         |
| 4.  | <b>ASSOCIATED CABLES:</b><br>173857 CABLE ASSEMBLY<br>309422 CABLE ASSEMBLY<br>309423 CABLE ASSEMBLY                      |
| 5.  | SELECTOR MAGNET DRIVERS TO BE WIRED FOR POLAR OPTIONS (REFER TO 4445WD).  |
| 6.  | *ASTERISK INDICATES 18 GA.  |
| 7.  | SELECTOR MAGNET DRIVERS ARE EQUIPPED WITH MOD. KIT 195528 TO ADD BLINDING RESISTOR (47Ω) (REFER TO SPECIFICATION 60,610S) |

**SELECTOR MAGNET DRIVER**

NOTE 5 & 7

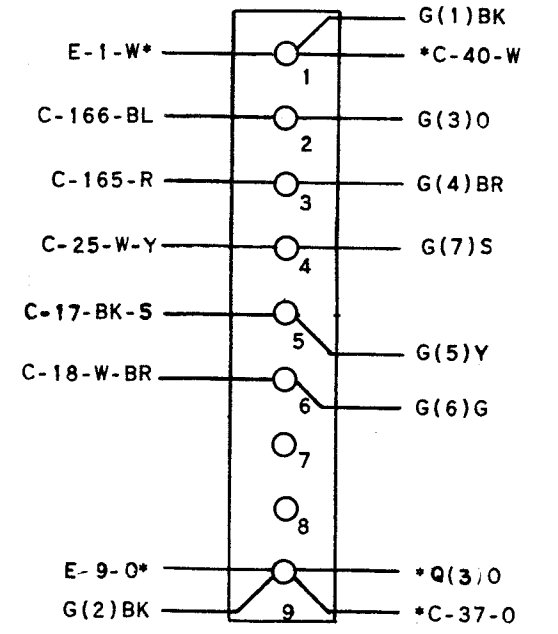


**B**  
TERMINAL BOARD



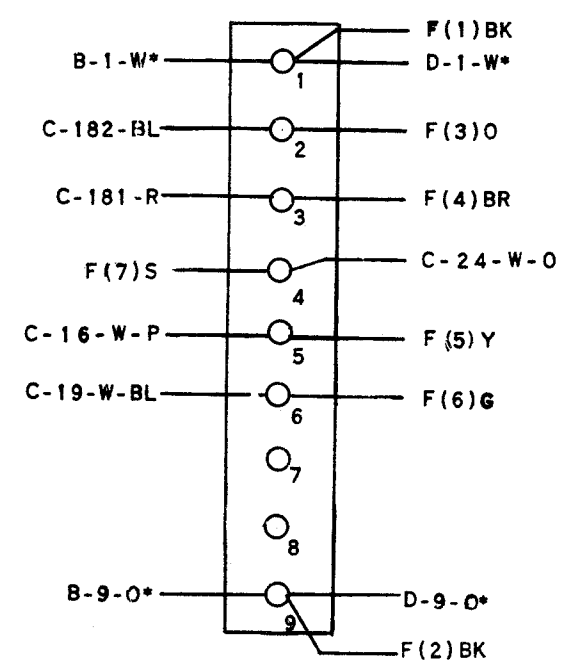
**CABINET TERMINAL BLOCK**

**D**  
TERMINAL BOARD



**E**

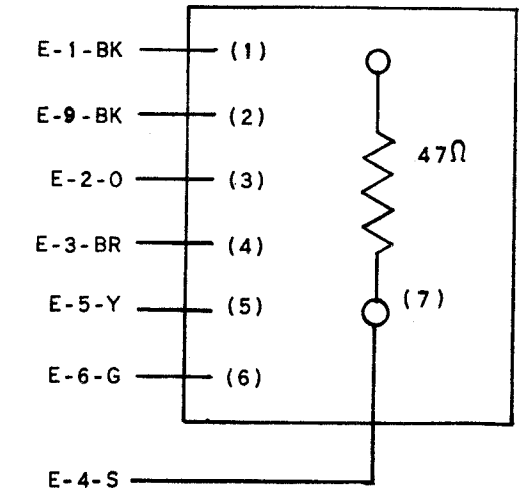
TERMINAL BOARD



**F**

SELECTOR MAGNET DRIVER

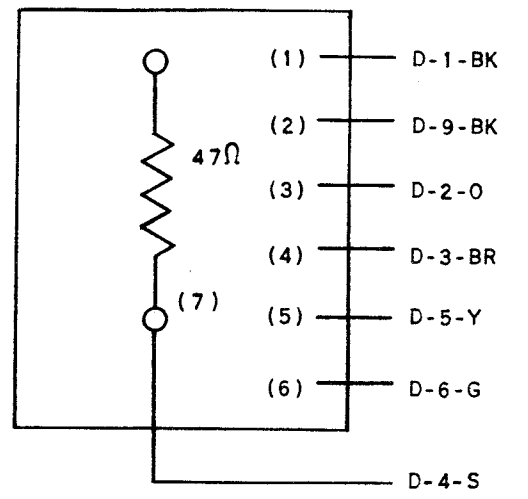
NOTE 5 & 7



**G**

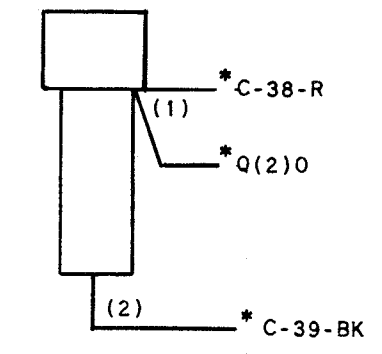
SELECTOR MAGNET DRIVER

NOTE 5 & 7



**P**

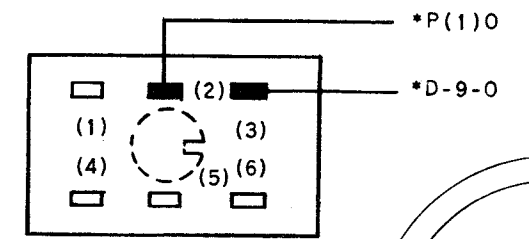
FUSE HOLDER



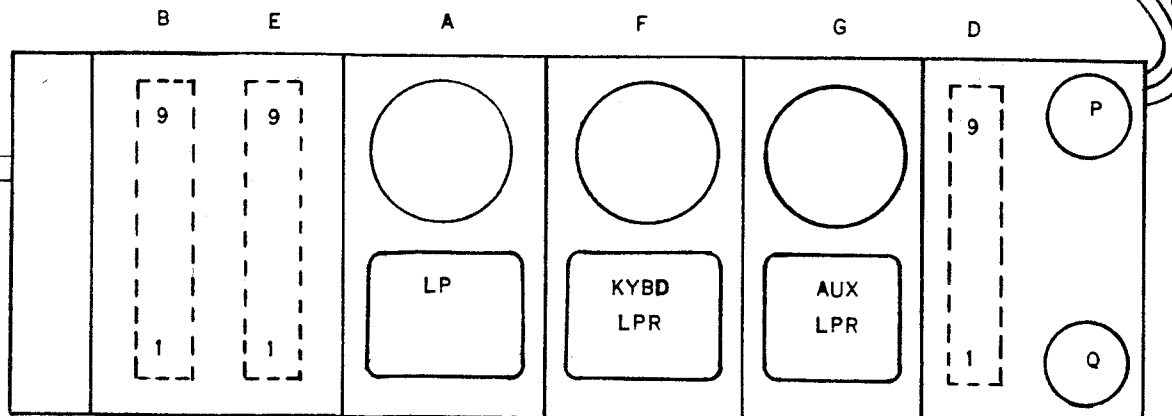
(6.25 AMP.)

**Q**

POWER SWITCH



CABLE ASSEMBLY 309423



TOP VIEW

|                  |          |           |
|------------------|----------|-----------|
| <b>7468 WD</b>   |          |           |
| <b>REVISIONS</b> |          |           |
| ISSUE            | DATE     | AUTH. NO. |
| 1                | 11-16-64 | 15864-R   |
| 2                | 4-20-65  | 86583     |

ACTUAL WIRING DIAGRAM ELECTRICAL SERVICE ASSEMBLY 304203 (ASR SET)

|                  |        |
|------------------|--------|
| <b>APPROVALS</b> |        |
| R AND D          | E OF M |
| <i>O.A.</i>      |        |

|                  |                   |
|------------------|-------------------|
| E-NUMBER         |                   |
| PROD. NO.        | 7468WD            |
| DATE:            | 9/17/64           |
| R. & D. FILE NO. | 42-42/65AA        |
| DRAWN DDG        | CHKD. <i>TD</i>   |
| ENGD. EFG        | APPD. <i>O.A.</i> |

**TELETYPE CORPORATION**  
7468WD

# POWER CIRCUIT

7469 WD

REVISIONS

| ISSUE | DATE   | AUTH. NO. |
|-------|--------|-----------|
| 1     | 4-2-65 | 16855-R   |
|       |        |           |
|       |        |           |

SHEET 1 OF 3

SCHEMATIC  
WIRING DIAGRAM  
FOR  
ELECTRICAL  
SERVICE ASSEM.  
304203  
(ASR SET)

APPROVALS

R. & D. E. OF M.

E-NUMBER

PROD. NO. 7469WD

DATE:

R. & D. FILE NO.

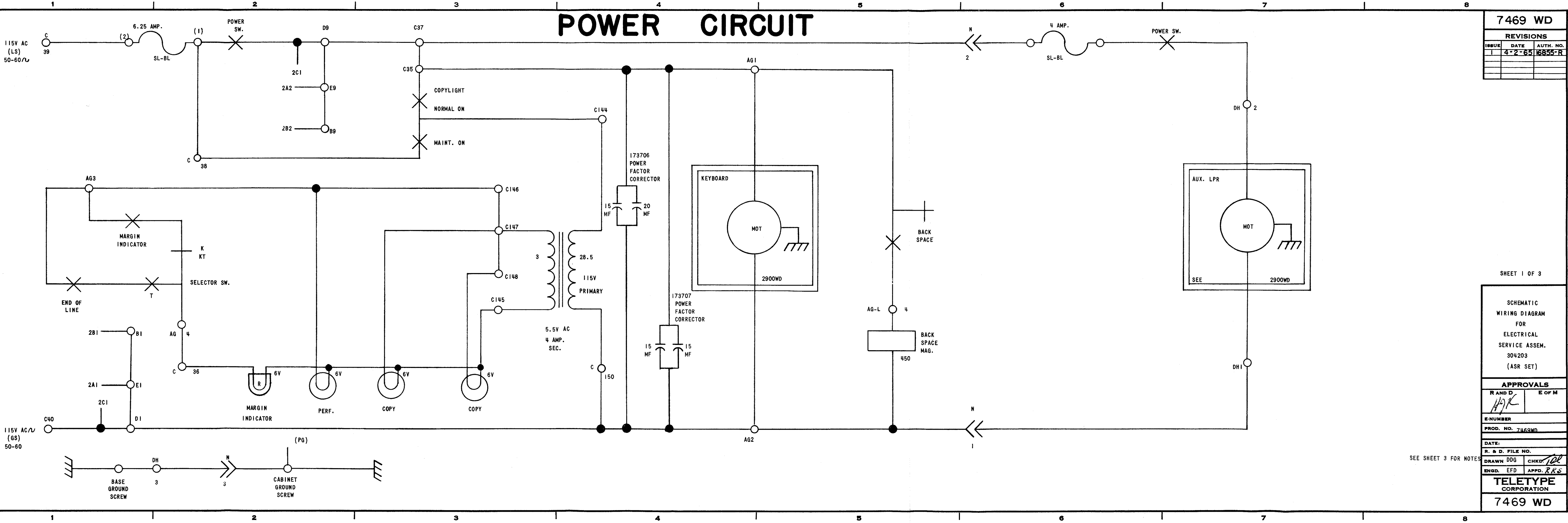
DRAWN DDG CHKD. *[Signature]*

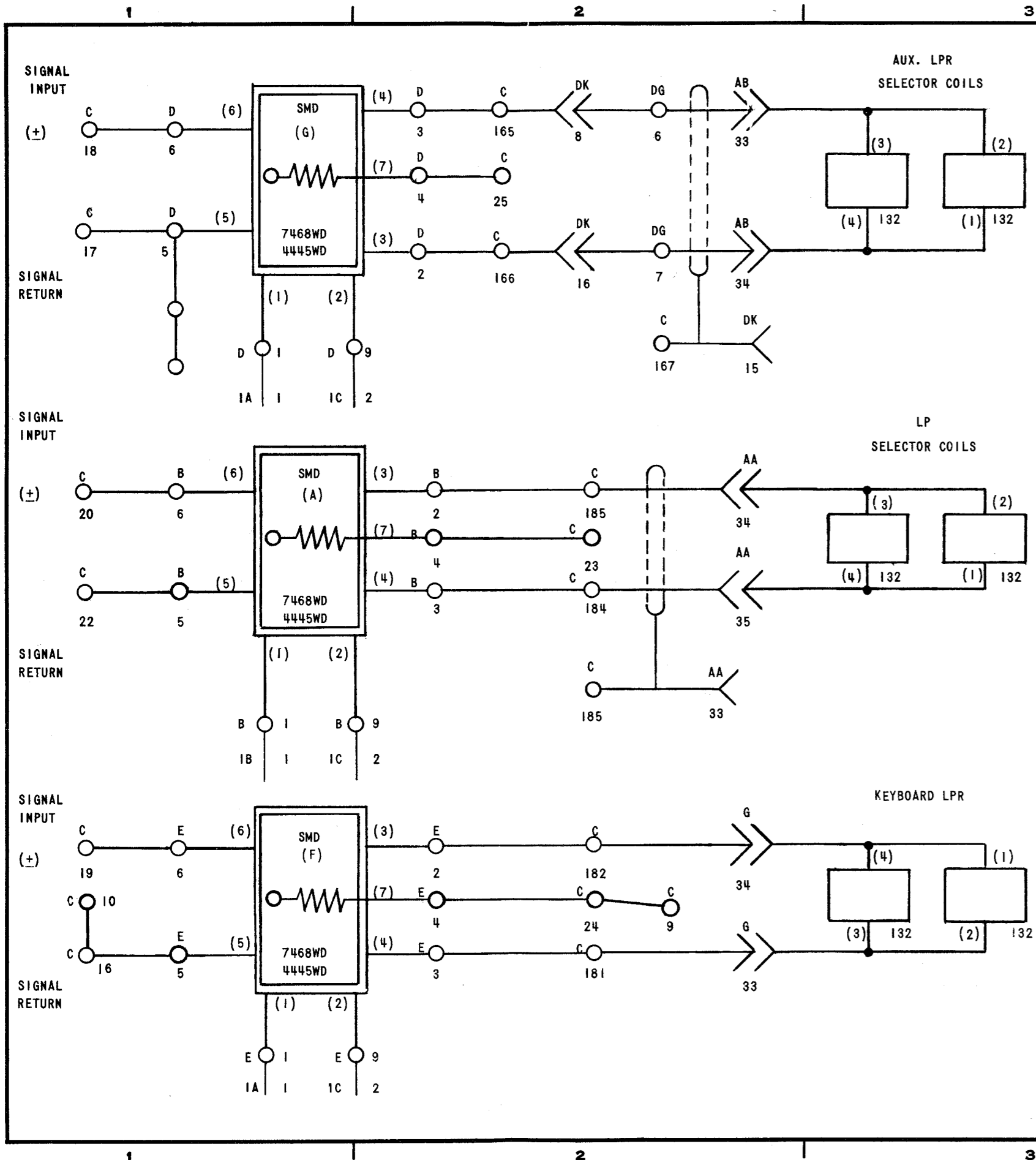
ENGD. EFD APPD. *[Signature]*

TELETYPE CORPORATION

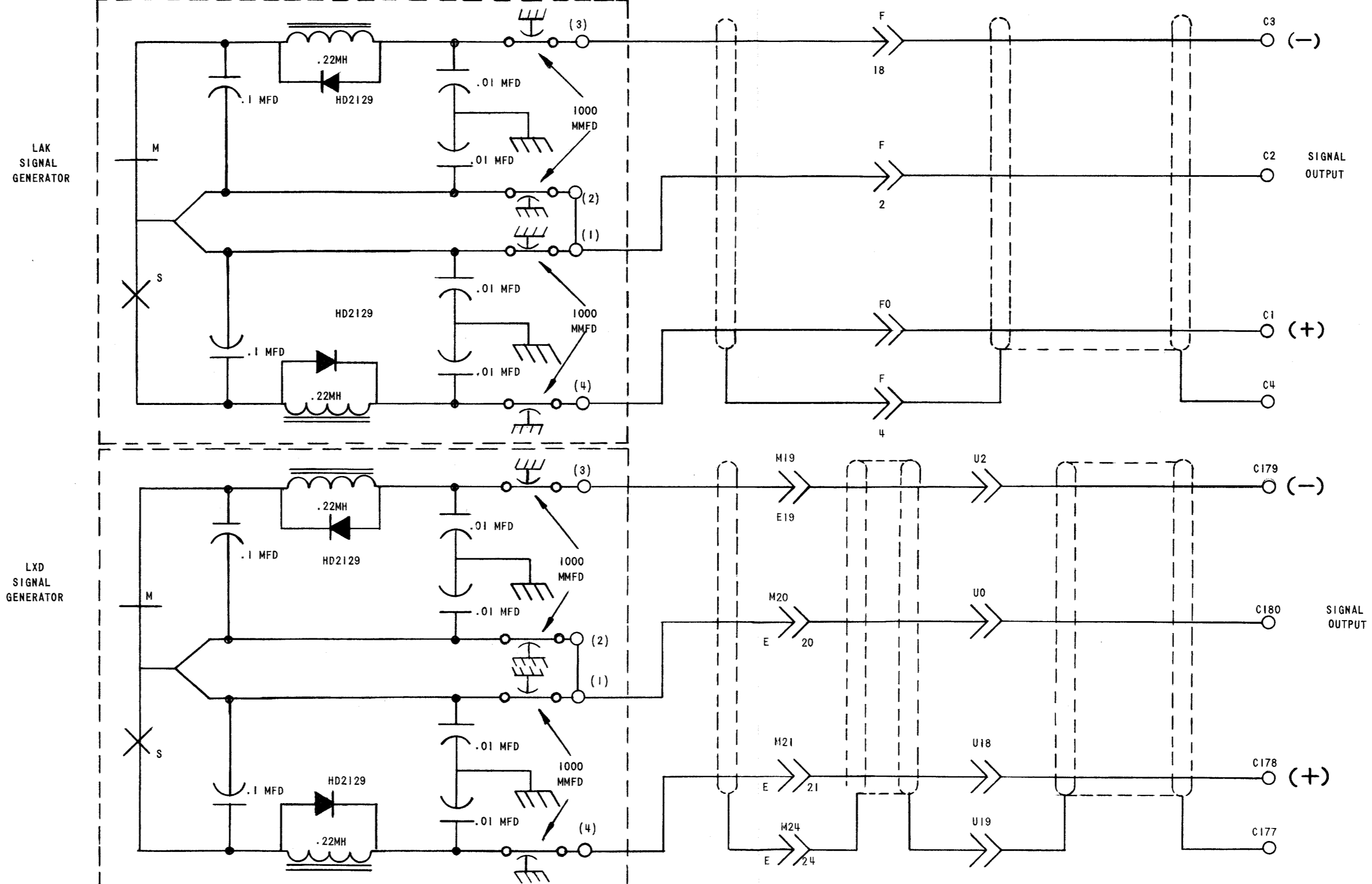
7469 WD

SEE SHEET 3 FOR NOTES





# SIGNAL CIRCUIT



SEE SHEET 3 FOR NOTES

|           |        |           |
|-----------|--------|-----------|
| 7469 WD   |        |           |
| REVISIONS |        |           |
| ISSUE     | DATE   | AUTH. NO. |
| 1         | 4-2-65 | 16855-R   |
|           |        |           |
|           |        |           |

SHEET 2 OF 3

SCHEMATIC  
WIRING DIAGRAM  
ELECTRICAL  
SERVICE ASSEMBLY  
304203  
(ASR SET)

|                             |                 |
|-----------------------------|-----------------|
| APPROVALS                   |                 |
| R AND D                     | E OF M          |
| <i>AK</i>                   |                 |
| E-NUMBER                    |                 |
| PROD. NO. 7469WD            |                 |
| DATE:                       |                 |
| R. & D. FILE NO. 42-A2/65AA |                 |
| DRAWN DDG                   | CHKD. <i>AK</i> |
| ENGD. EFD                   | APPD. <i>AK</i> |
| TELETYPE CORPORATION        |                 |
| 7469 WD                     |                 |

|           |        |           |
|-----------|--------|-----------|
| 7469 WD   |        |           |
| REVISIONS |        |           |
| ISSUE     | DATE   | AUTH. NO. |
| 1         | 4-2-65 | 16855-R   |
|           |        |           |
|           |        |           |

# CONTROL CIRCUIT

1. ASSOCIATED WIRING DIAGRAMS:  
 4445WD SELECTOR MAGNET DRIVER  
 7468WD ELECTRICAL SERVICE ASSEMBLY  
 4267WD CABINET LAAC229  
 7094WD TRANSMITTER-DISTRIBUTOR LXD31  
 4265WD TRANSMITTER-DISTRIBUTOR BASE LCXB13  
 4266WD REPERFORATOR BASE LRB32  
 3628WD TYPING REPERFORATOR LPR35, 36, & 57  
 2900WD MOTOR UNIT LMU11  
 7481WD TYPING UNIT  
 4263WD KEYBOARD LAK

2. LEGEND:  
 ○ B SMD TERMINAL BLOCK IN LESU  
 ○ C CABINET TERMINAL BLOCK  
 ○ D SMD TERMINAL BLOCK IN LESU  
 ○ F SMD TERMINAL BLOCK IN LESU  
 ○ AG MOTOR TERMINAL BLOCK IN KEYBOARD  
 ○ AG-L LOWER POWER TERMINAL BLOCK IN KEYBOARD  
 ○ AH AUX. SWITCH TERMINAL BLOCK IN LAK  
 ○ DG SIGNAL TERMINAL BLOCK IN LRB  
 ○ DH POWER TERMINAL BLOCK IN LRB  
 ○ E&M TRANS. DIST. CONNECTOR  
 ○ F KEYBOARD CONNECTOR  
 ○ G KEYBOARD PERFORATOR  
 ○ M&E TRANS. DIST. CONNECTOR  
 ○ N AUX. REPERF. POWER CONNECTOR  
 ○ U TRANS. DIST. CONNECTOR BASE  
 ○ AA TYPING UNIT CONNECTOR  
 ○ AB AUX. REPERF. CONNECTOR  
 ○ DK AUX. REPERF. BASE

3. ALL APPARATUS SHOWN IN UNOPERATED OR DE-ENERGIZED POSITION.

4. RESISTANCE VALUES IN OHMS (Ω).  
 INDUCTANCE VALUES IN MICROHENRIES (MH).  
 CAPACITANCE, VALUES IN MICROFARADS (MFD)

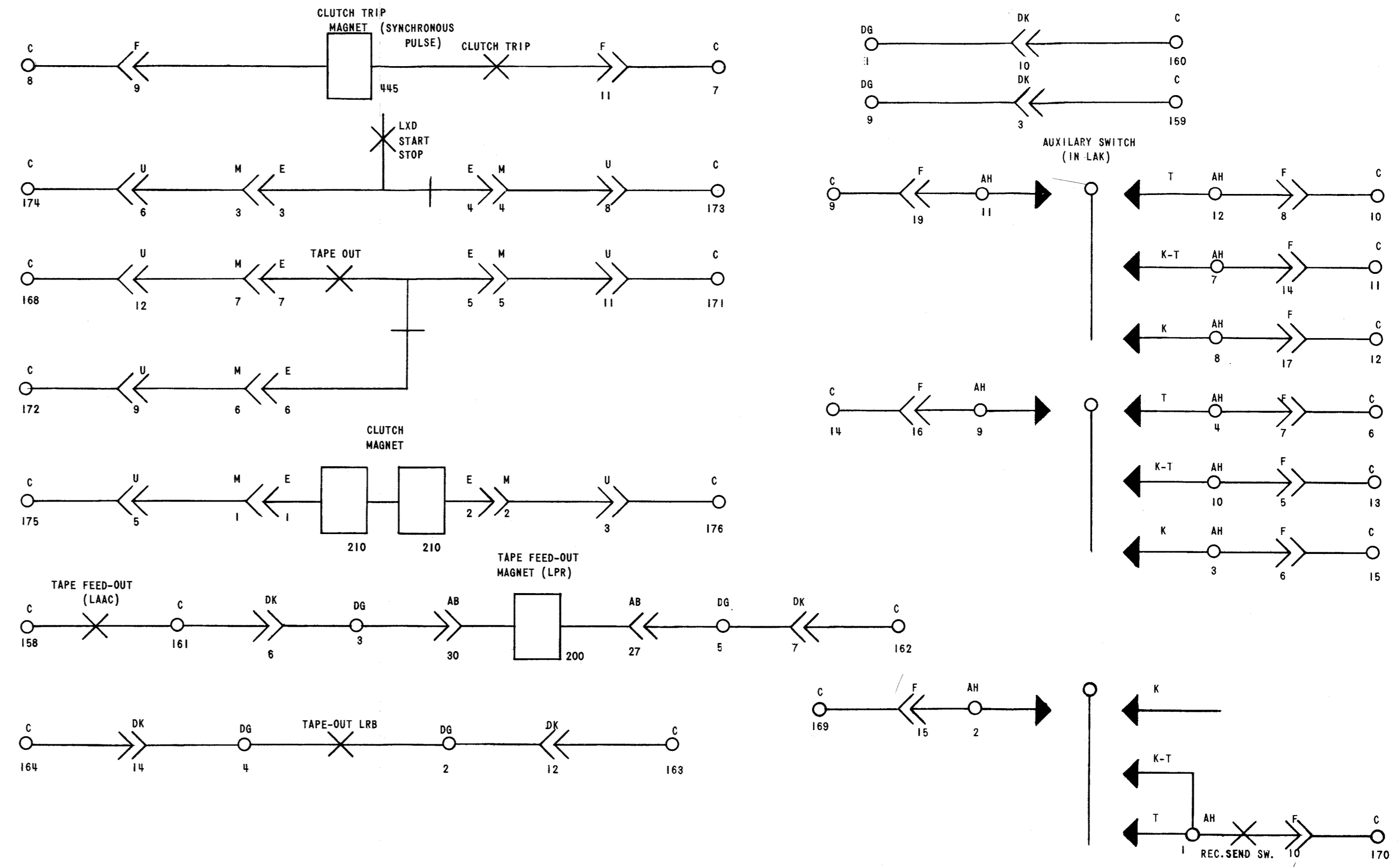
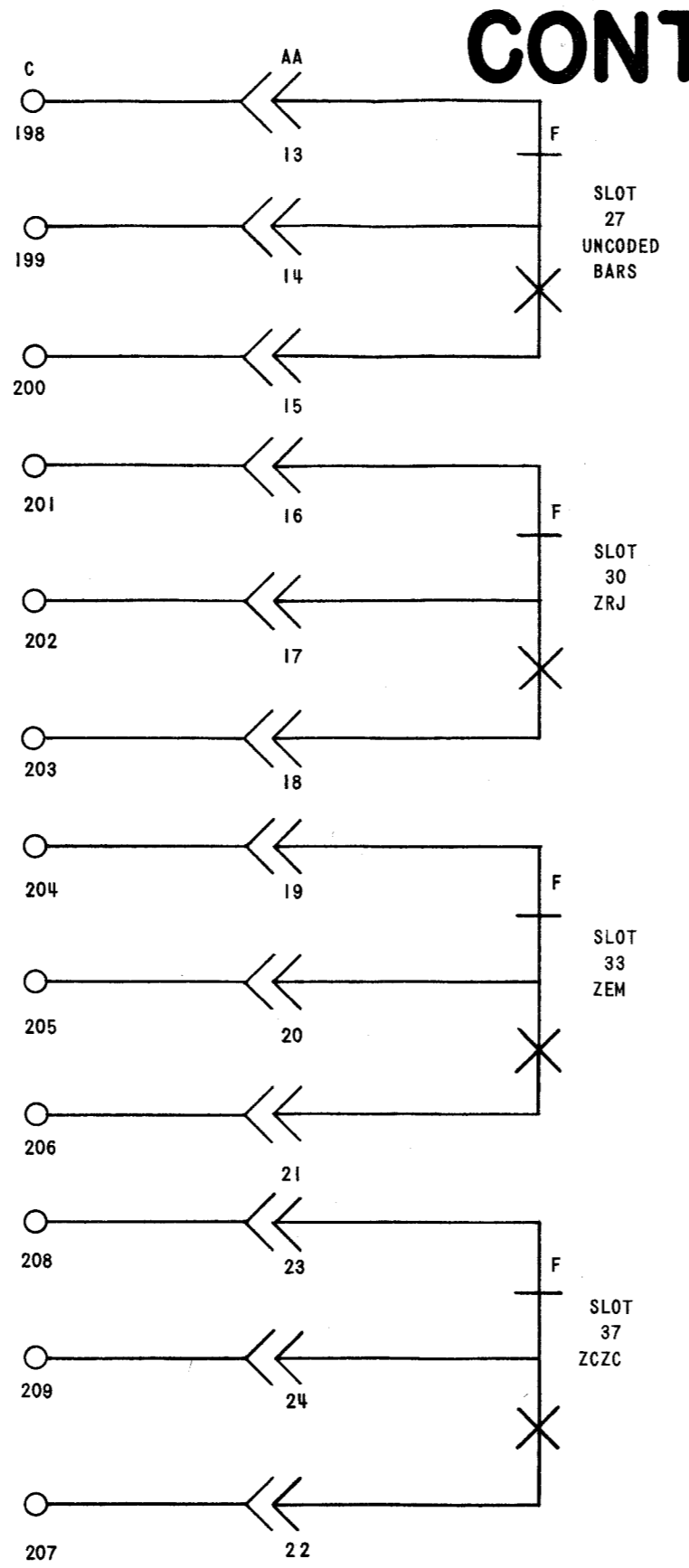
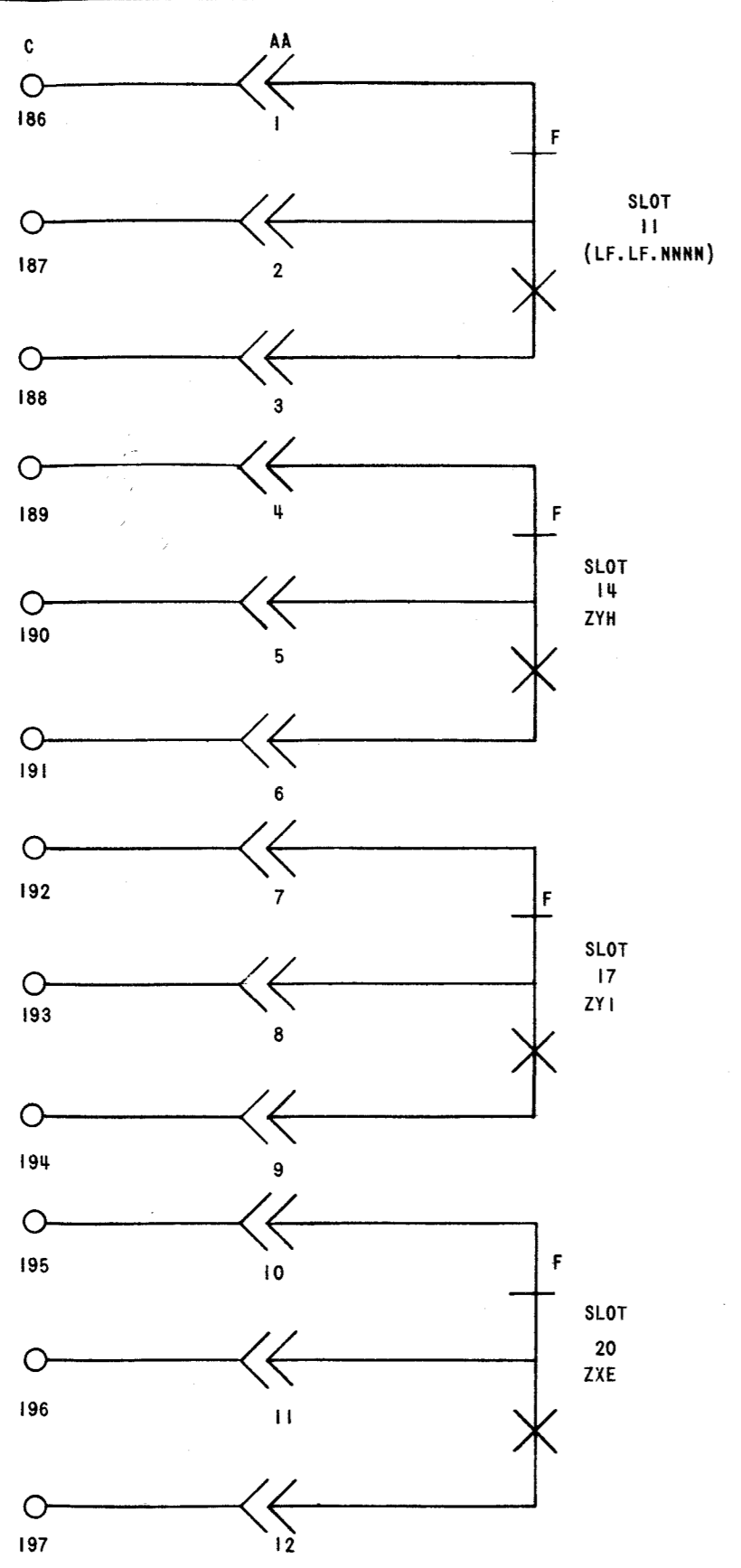
5. USE SYNCHRONOUS MOTOR ON REGULATED 60M (± 1%) AC POWER ONLY, GOVERNED MOTOR AND OTHER POWER CIRCUITS OPERABLE ON 50-60 UNREGULATED AC.

6. POLARITY AS INDICATED MUST BE OBSERVED FOR PROPER R.F. FILTER OPERATION.

7. BACKSPACE SWITCH ON LAK33 ONLY, AND BACKSPACE MAGNET ON LPR57 ONLY.

8. ⚡ INDICATES FEMALE AND ← INDICATES MALE.

9. SL-BL INDICATES SLOW-BLOWING FUSE.

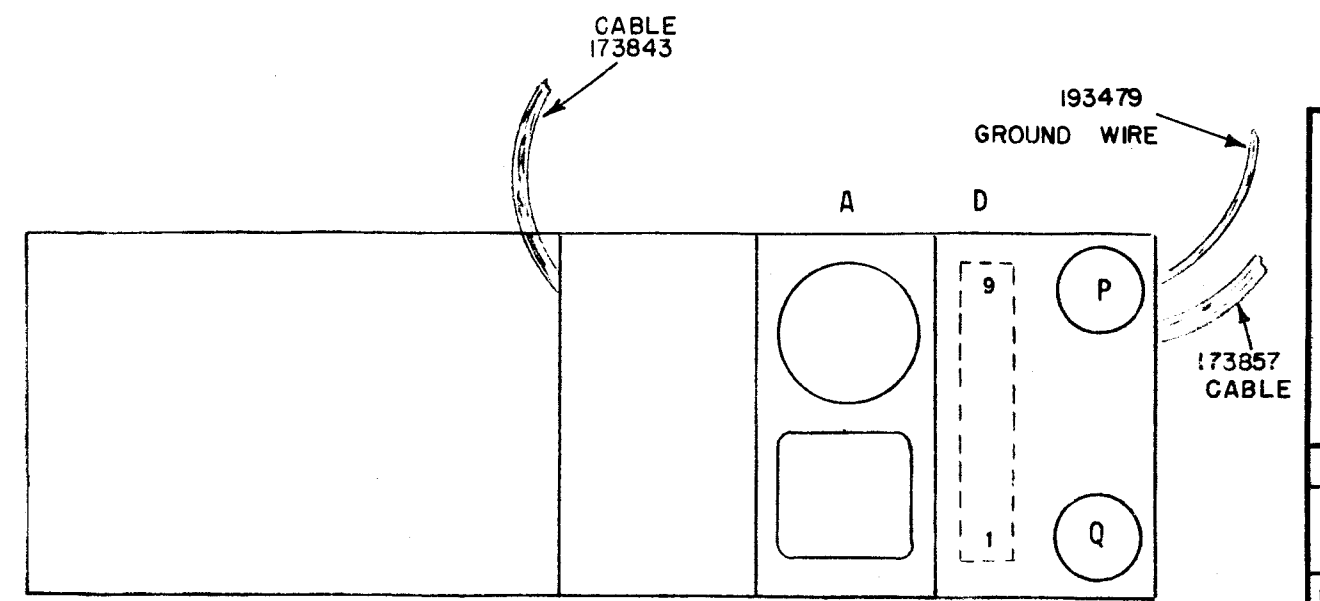
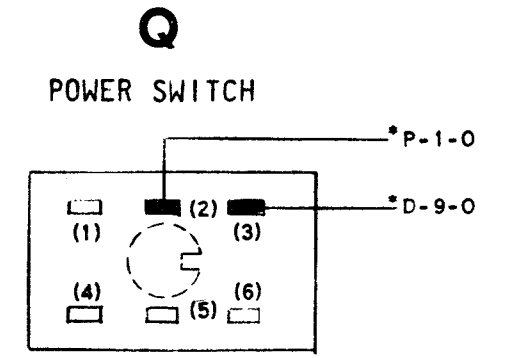
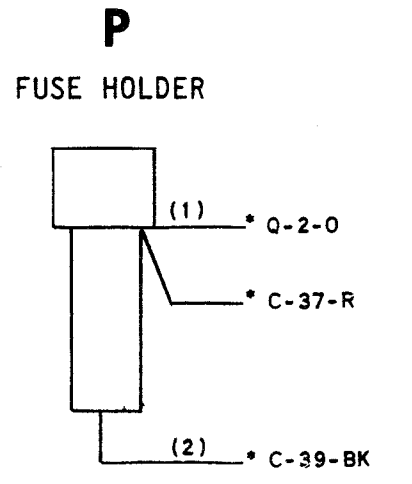
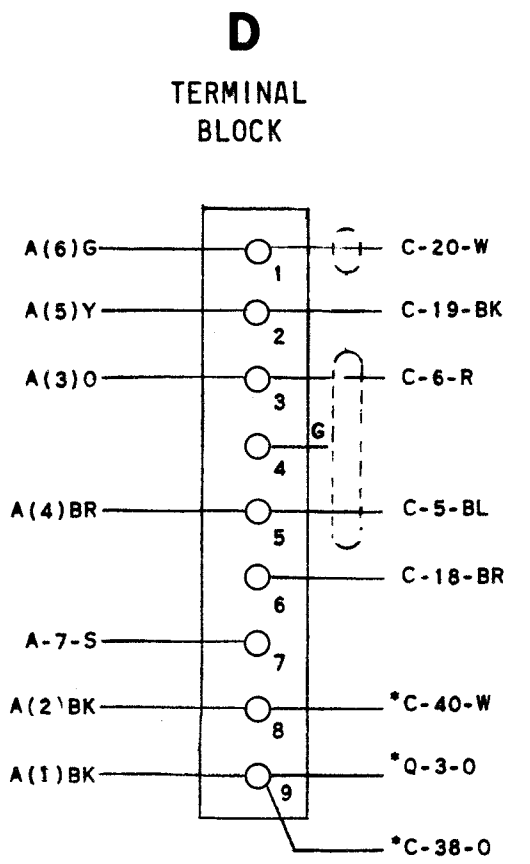
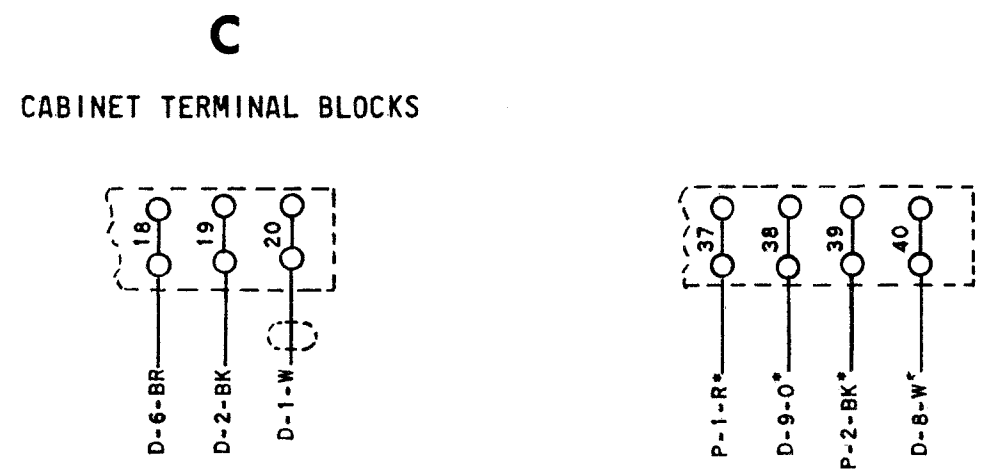
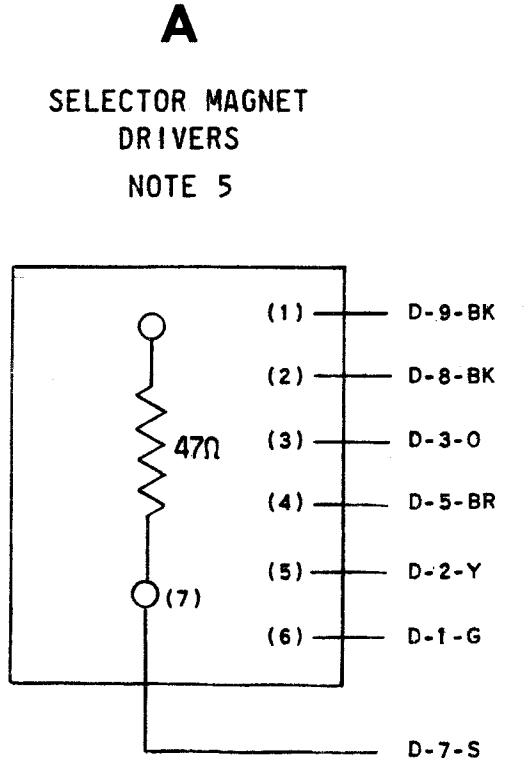


SHEET 3 OF 3

SCHEMATIC WIRING DIAGRAM FOR ELECTRICAL SERVICE ASSEM. 304203 (ASR SET)

|                             |                          |
|-----------------------------|--------------------------|
| APPROVALS                   |                          |
| R AND D                     | E OF M                   |
| <i>[Signatures]</i>         |                          |
| E-NUMBER                    |                          |
| PROD. NO. 7469WD            |                          |
| DATE:                       |                          |
| R. & D. FILE NO. 42-A2/65AA |                          |
| DRAWN DDG                   | CHKD. <i>[Signature]</i> |
| ENGD. EFD                   | APPD. <i>[Signature]</i> |
| TELETYPE CORPORATION        |                          |
| 7469 WD                     |                          |

| NO. | NOTES  |
|-----|--|
| 1.  | <b>WIRING LEGEND:</b><br><br>DISTANT TERMINATING AREA<br>DISTANT TERMINATING DESIGNATION<br>A-1-BK<br>WIRE COLOR CODE  |
| 2.  | SEE 7471WD FOR SCHEMATIC WIRING DIAGRAM.   |
| 3.  | TERMINAL DESIGNATIONS ENCLOSED IN PARENTHESES ARE FOR REFERENCE AND ARE NOT MARKED ON COMPONENTS.  |
| 4.  | <b>ASSOCIATED CABLES:</b><br>173857 CABLE ASSEMBLY<br>173843 CABLE ASSEMBLY  |
| 5.  | SELECTOR MAGNET DRIVERS TO BE WIRED FOR POLAR OPTIONS. (REFER TO 4445WD) SELECTOR MAGNET DRIVERS ARE EQUIPPED WITH MOD. KIT 195528 TO ADD BLINDING RESISTOR (47Ω) - (REFER TO 60,6105) |
| 6.  | * ASTERISK INDICATES 18 GA.  |



| 7470 WD   |          |           |
|-----------|----------|-----------|
| REVISIONS |          |           |
| ISSUE     | DATE     | AUTH. NO. |
| 1         | 11-19-64 | 15866-R   |
|           |          |           |
|           |          |           |

ACTUAL  
WIRING DIAGRAM  
ELECTRICAL  
SERVICE ASSEMBLY  
304206  
(KSR SET)

**APPROVALS**  
R AND D      E OF M

E-NUMBER  
PROD. NO. 7470WD  
DATE: 9-26-64  
R. & D. FILE NO. 22-A2/65AA  
DRAWN D.D.G. CHKD. J.M.  
ENGD. E.F.D. APPD. C.B.V.

**TELETYPE CORPORATION**

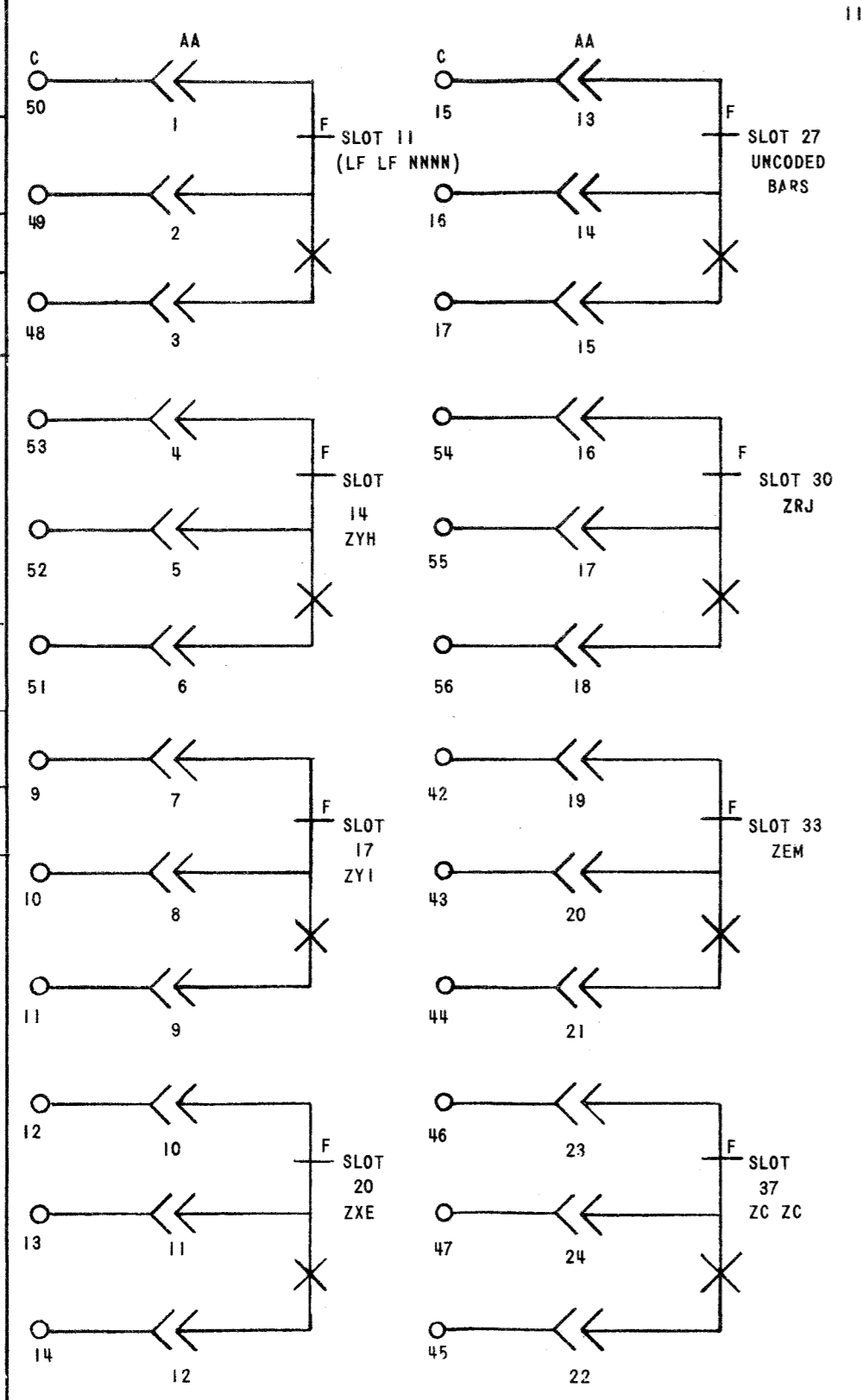
7470 WD



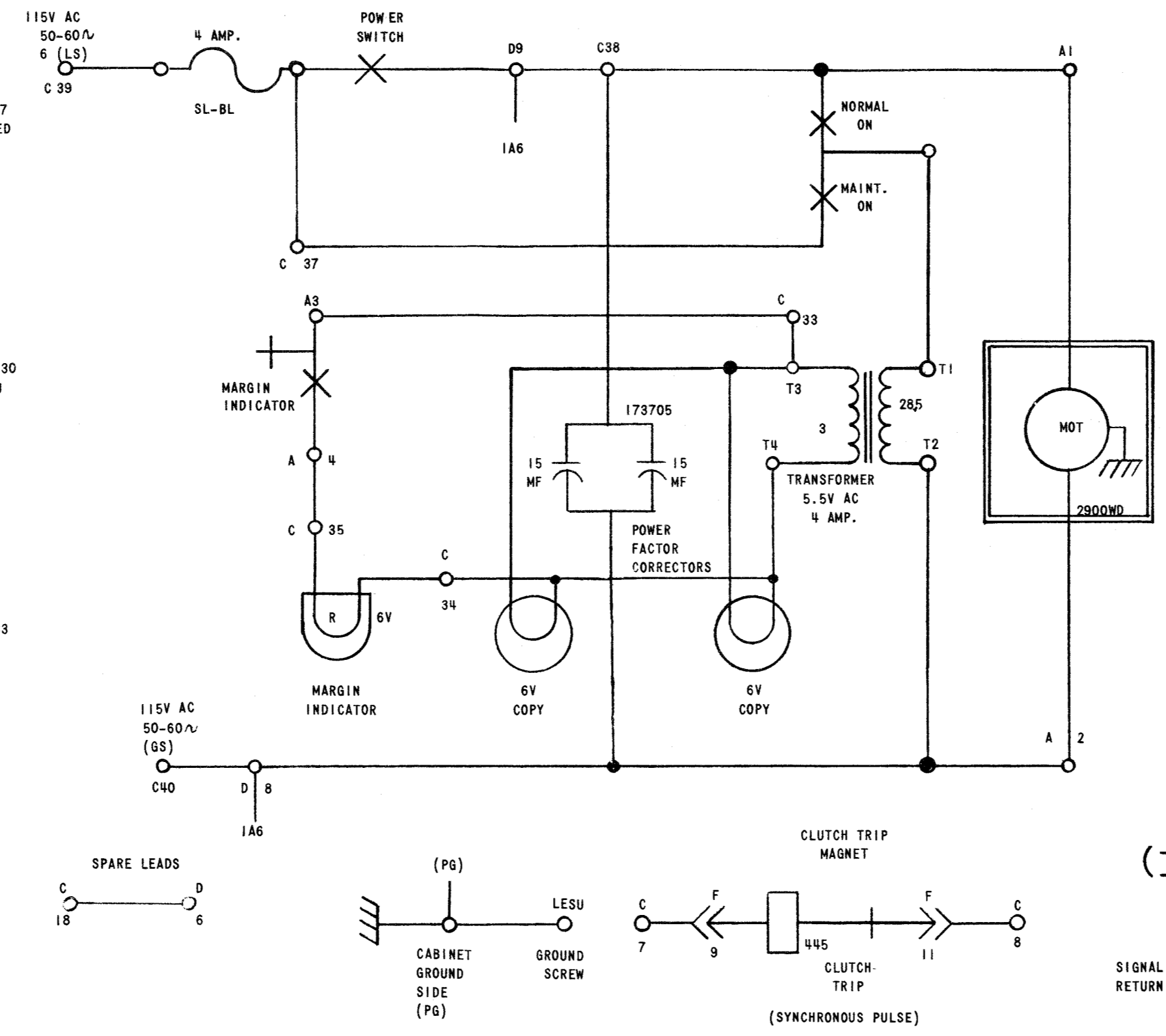
| ISSUE | DATE   | AUTH. NO. |
|-------|--------|-----------|
| 1     | 4-2-65 | 16855R    |
|       |        |           |
|       |        |           |

- 1. ASSOCIATED ACTUAL WIRING DIAGRAMS:**  
 4445WD SELECTOR MAGNET DRIVER  
 7470WD ELECTRICAL SERVICE ASSEMBLY  
 4262WD KEYBOARD LK  
 2900WD MOTOR LMU  
 4268WD CABINET LAC  
 7481WD TYPING UNIT
- 2. RESISTANCE VALUES IN OHMS ( $\Omega$ )  
 INDUCTANCE VALUES IN MICROHENRIES MH  
 CAPACITANCE VALUES IN MICROFARADS MFD**
- 3. SL-BL SLOW BLOWING FUSE.**
- 4. INDICATES FEMALE AND  
 INDICATES MALE**
- 5. LEGEND:**  
 A KEYBOARD TERMINAL  
 C CABINET TERMINAL  
 D SMD TERMINAL  
 T TRANSFORMER TERMINAL  
 F KEYBOARD CONNECTOR  
 AA PRINTER CONNECTOR
- 6. USE SYNCHRONOUS MOTOR ON REGULATED 60 (+1%) AC POWER ONLY, GOVERNED MOTOR AND OTHER POWER CIRCUITS OPERABLE ON 50-60 UNREGULATED AC.**
- 7. ALL APPARATUS SHOWN IN UNOPERATED OR DE-ENERGIZED POSITION.**
- 8. POLARITY AS INDICATED MUST BE OBSERVED FOR PROPER R.F. FILTER OPERATION.**

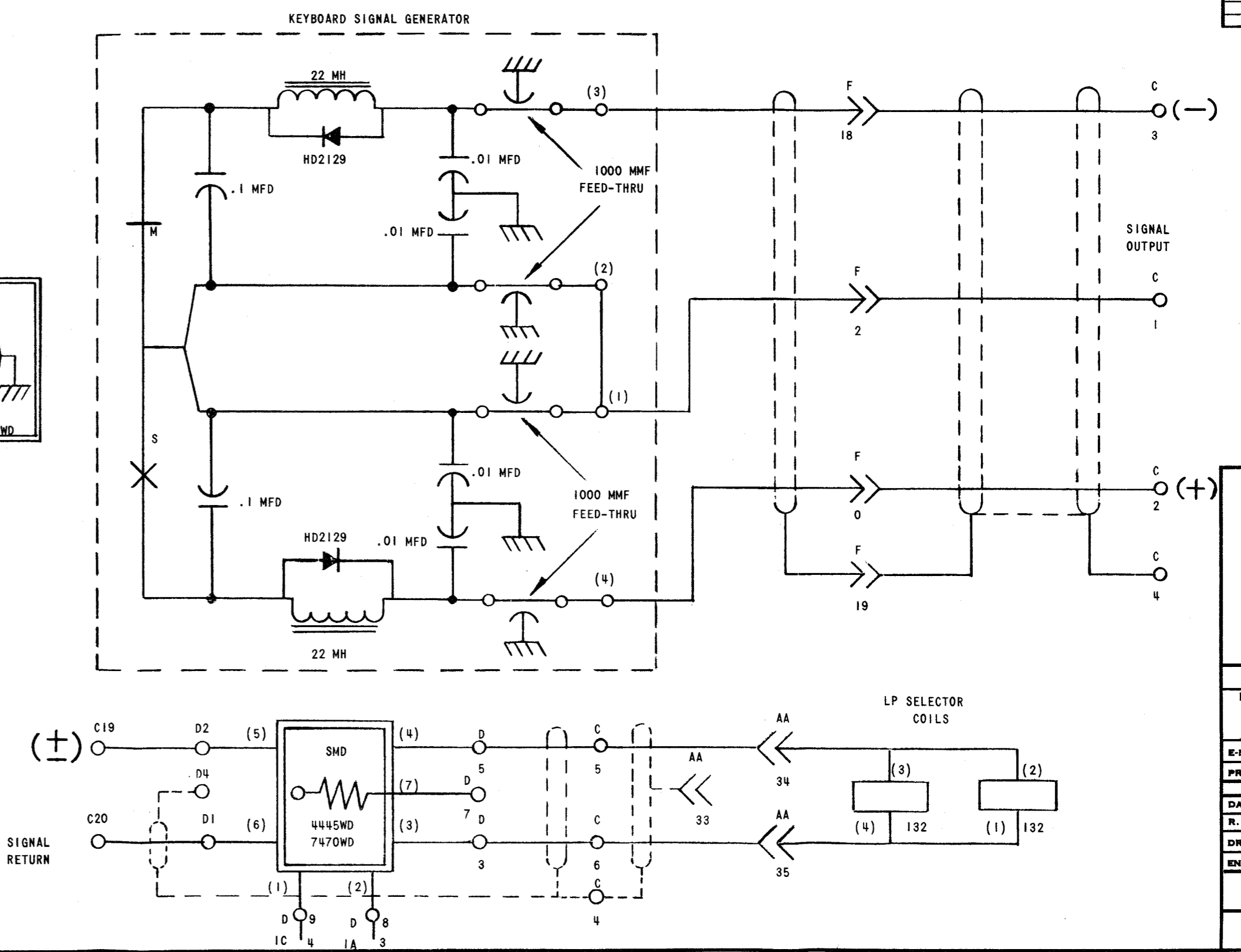
### CONTROL CIRCUIT



### POWER CIRCUIT



### SIGNAL CIRCUIT



SCHEMATIC  
 WIRING DIAGRAM  
 FOR  
 ELECTRICAL  
 SERVICE ASSEMBLY  
 304206  
 (KSR SET)

#### APPROVALS

R AND D E OF M

E-NUMBER

PROD. NO. 7471WD

DATE:

R. & D. FILE NO. 42-A2 685A

DRAWN DDG CHKD. JEL

ENGD. FED APPD. RRS

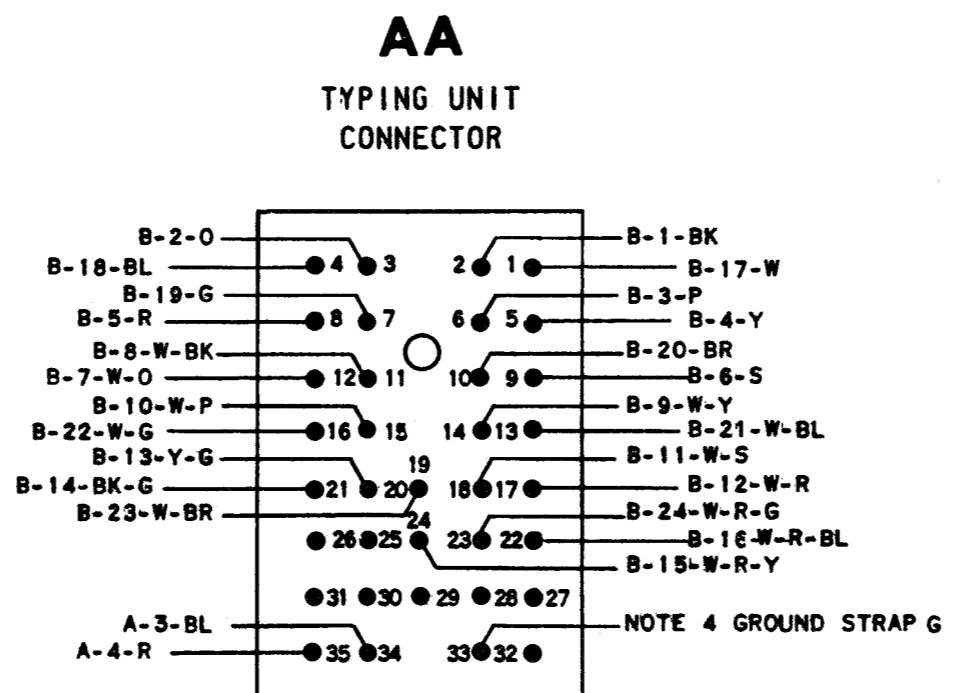
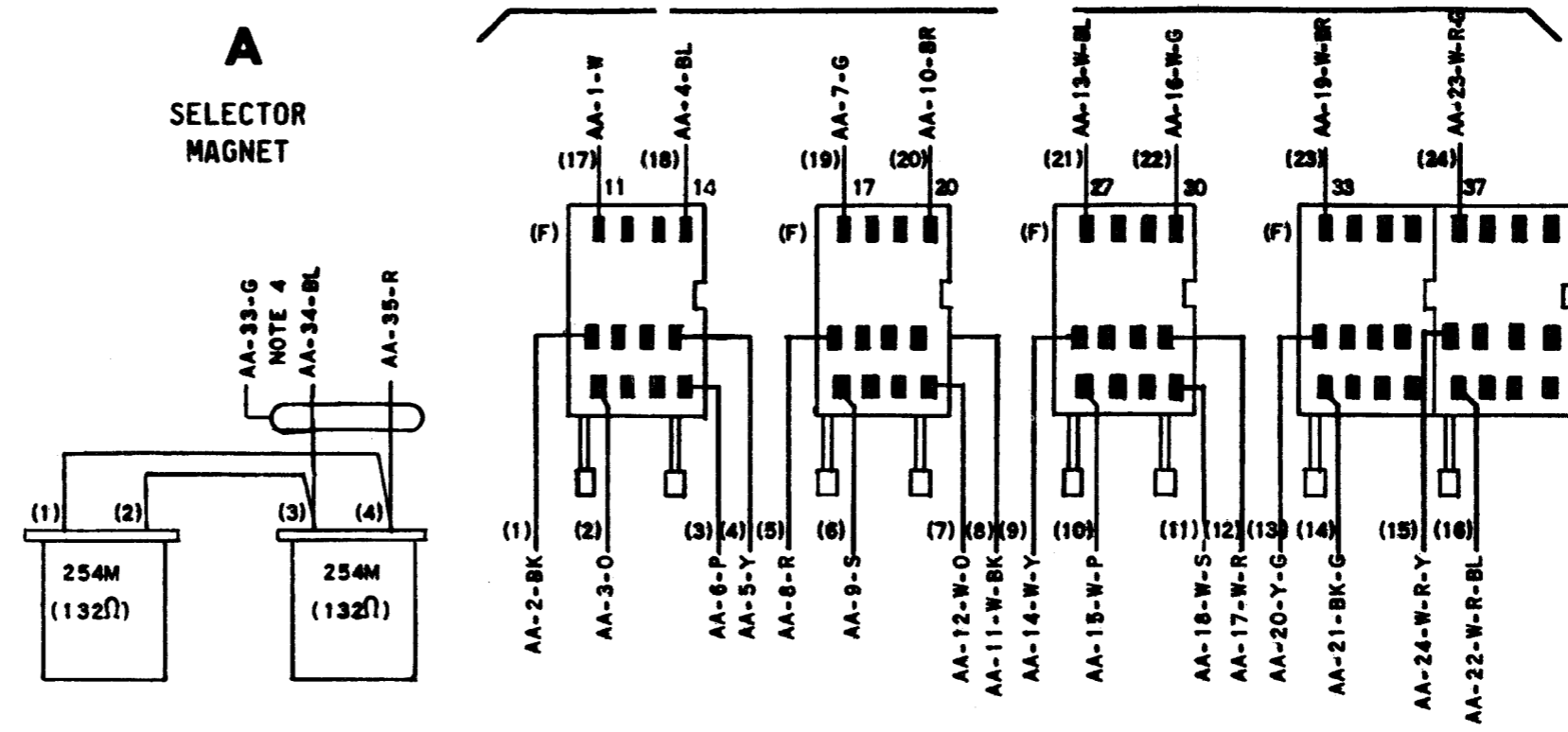
TELETYPE CORPORATION

7481WD

| ISSUE | DATE     | AUTH. NO. |
|-------|----------|-----------|
| 1     | 10-31-64 | 15866-R   |
|       |          |           |
|       |          |           |

- NO. NOTES
- WIRING LEGEND:**
  - WIRE COLOR CODE:**  

|            |            |            |
|------------|------------|------------|
| W - WHITE  | R - RED    | BL - BLUE  |
| BK - BLACK | S - SLATE  | G - GREEN  |
| O - ORANGE | BR - BROWN | Y - YELLOW |
| P - PURPLE |            |            |
  - CONNECTOR VIEWED FROM SOLDERED TERMINAL END.**
  - GROUND SHIELDING OF SELECTOR CABLE.**
  - CONTACT ARM**  
  
**STRAIGHT** F CONTACT NORMALLY CLOSED  
**CROOKED** F CONTACT NORMALLY OPEN
  - ASSOCIATED CABLES:**  
 173698 CABLE ASSEMBLY  
 173450 CABLE ASSEMBLY



ACTUAL  
WIRING DIAGRAM  
FOR  
MODEL 28  
TYPING UNIT  
LP77  
STUNT BOX  
AJV

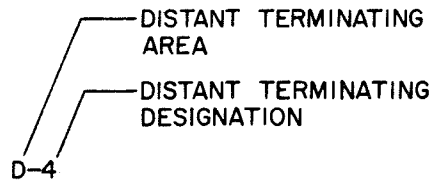
**APPROVALS**

|                             |                   |
|-----------------------------|-------------------|
| D AND R                     | E OF M            |
| <i>O.A.</i>                 |                   |
| E-NUMBER                    |                   |
| PROD. NO. 7481WD            |                   |
| DATE:                       |                   |
| P.D. FILE NO. 42-A2/65AA    |                   |
| DRAWN.                      | CHKD. <i>TA</i>   |
| ENG. E.F.D.                 | APPD. <i>O.A.</i> |
| <b>TELETYPE CORPORATION</b> |                   |
| 7481WD                      |                   |

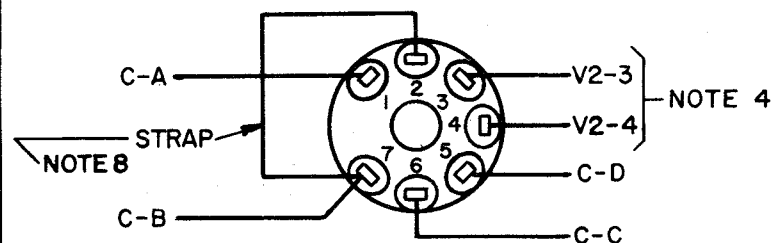
7488 WD

REVISIONS

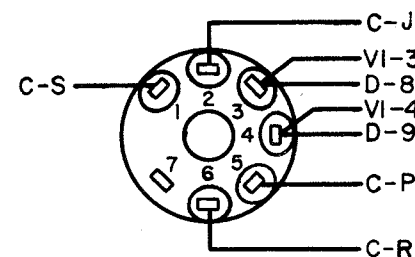
| ISSUE | DATE     | AUTH. NO. |
|-------|----------|-----------|
| 1     | 12-16-64 | 16250 R   |
| 2     | 2-9-65   | 85778     |
|       |          |           |
|       |          |           |

- NO. NOTES
1. WIRING LEGEND:  

  2. ALL SURFACE WIRE 24 AWG GREEN, 31784RM, DO NOT PULL TAUT BETWEEN TERMINALS. USE 155750 TUBING ON V1 AND V2 PINS (13 PLS)
  3. CONNECTOR AND SOCKETS VIEWED FROM SOLDER TERMINAL END.
  4. TWIST WIRES 1-1/2 TURNS PER INCH MIN.
  5. REFER TO 7489WD FOR SCHEMATIC WIRING DIAGRAM.
  6. 72597RM TERMINAL ON EACH WIRE TO TERMINAL BLOCK D. (9 PLS.)
  7. ALL WIRES TO BE AS SHORT AS POSSIBLE.
  8. USE 39603 RM 24GA. TINNED WIRE WITH 60340 RM BLACK TUBING.

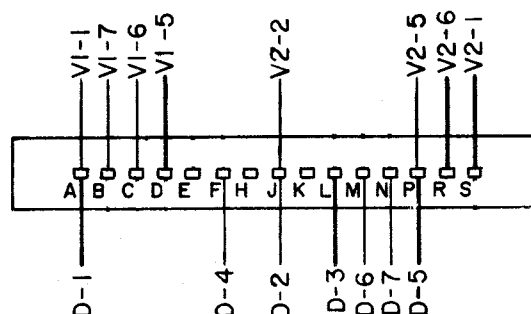
V1  
157314 SOCKET  
(FOR 6136/6AU6WB TUBE)



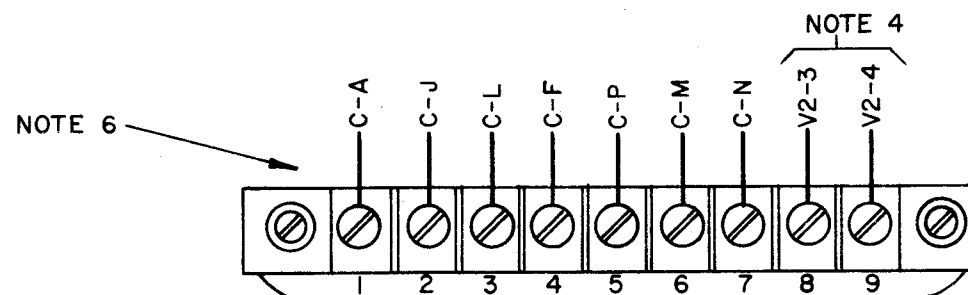
V2  
157314 SOCKET  
(FOR 6005/6AQ5W TUBE)



C  
198649 CONNECTOR  
(FOR 309865 CIRCUIT CARD ASSEMBLY)



D  
151411 TERMINAL BLOCK



ACTUAL  
WIRING DIAGRAM  
FOR  
VOLTAGE INPUT  
SMD  
ASSEMBLY  
309863

APPROVALS

D AND R E OF M

E-NUMBER

PROD. NO. 7488WD

DATE: 10-14-64

P.D. FILE NO. N-8-G

DRAWN. WPH

CHKD. *MSW*

ENGD. JRH

APPD. *EJC*

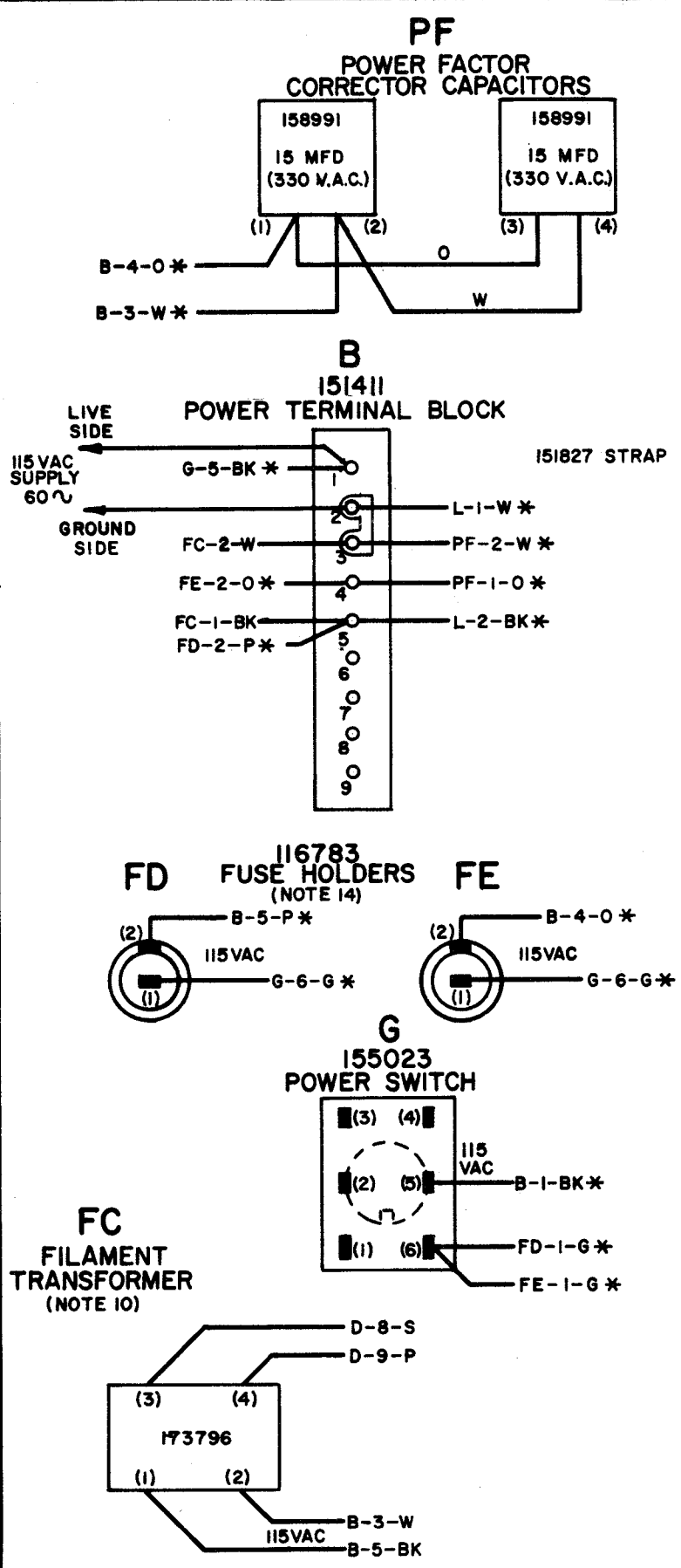
TELETYPE  
CORPORATION

7488 WD

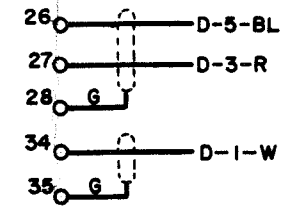


| REVISIONS |        |           |
|-----------|--------|-----------|
| ISSUE     | DATE   | AUTH. NO. |
| 1         | 1-9-65 | 16362-R   |
| 2         | 5-5-65 | 86734-1   |

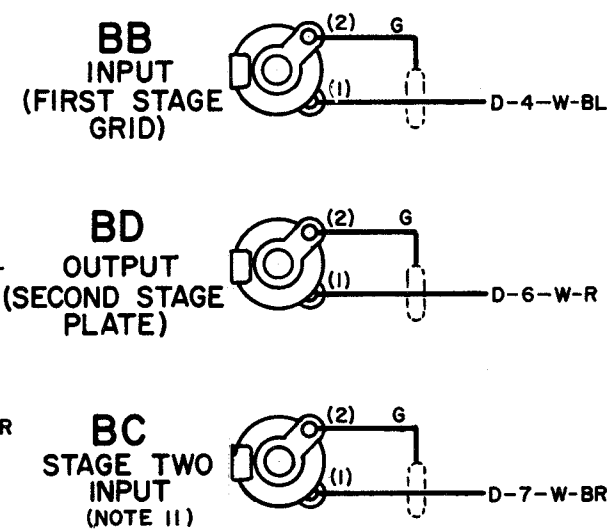
- | NO.      | NOTES   |          |          |         |       |          |         |         |         |          |          |
|----------|---|----------|----------|---------|-------|----------|---------|---------|---------|----------|----------|
| 1.       | <b>WIRING LEGEND:</b><br>   |          |          |         |       |          |         |         |         |          |          |
| 2.       | <b>COLOR CODE:</b><br><table border="0"> <tr> <td>BK BLACK</td> <td>P PURPLE</td> </tr> <tr> <td>BL BLUE</td> <td>R RED</td> </tr> <tr> <td>BR BROWN</td> <td>S SLATE</td> </tr> <tr> <td>G GREEN</td> <td>W WHITE</td> </tr> <tr> <td>O ORANGE</td> <td>Y YELLOW</td> </tr> </table> | BK BLACK | P PURPLE | BL BLUE | R RED | BR BROWN | S SLATE | G GREEN | W WHITE | O ORANGE | Y YELLOW |
| BK BLACK | P PURPLE  |          |          |         |       |          |         |         |         |          |          |
| BL BLUE  | R RED   |          |          |         |       |          |         |         |         |          |          |
| BR BROWN | S SLATE   |          |          |         |       |          |         |         |         |          |          |
| G GREEN  | W WHITE   |          |          |         |       |          |         |         |         |          |          |
| O ORANGE | Y YELLOW  |          |          |         |       |          |         |         |         |          |          |
| 3.       | ALL COMPONENTS VIEWED FROM SOLDER TERMINAL ENDS.  |          |          |         |       |          |         |         |         |          |          |
| 4.       | DENOTES SHIELDED WIRE, 22 AWG, UNLESS OTHERWISE SPECIFIED.  |          |          |         |       |          |         |         |         |          |          |
| 5.       | TERMINAL DESIGNATIONS ENCLOSED IN PARENTHESES ARE FOR REFERENCE AND ARE NOT NECESSARILY MARKED ON COMPONENT.  |          |          |         |       |          |         |         |         |          |          |
| 6.       | <b>ASSOCIATED CABLES:</b><br>173764 FOR POWER FACTOR CORRECTORS<br>173859 FUSE AND POWER SWITCH<br>153477 RECTIFIER CABLE<br>310175 SIGNAL CABLE<br>310176 SELECTOR MAGNET CABLE<br>310177 MONITOR JACK CABLE   |          |          |         |       |          |         |         |         |          |          |
| 7.       | <b>FOR ASSOCIATED ACTUAL WIRING DIAGRAMS SEE:</b><br>7488WD SELECTOR MAGNET DRIVER<br>4304WD RACK MOUNTED PAGE PRINTER INTERCONNECTING CABLE  |          |          |         |       |          |         |         |         |          |          |
| 8.       | FOR SCHEMATIC WIRING SEE 7529WD.  |          |          |         |       |          |         |         |         |          |          |
| 9.       | USE 155755 INSULATING SLEEVE (6 PLS.)   |          |          |         |       |          |         |         |         |          |          |
| 10.      | ADD 72596RM TERMINAL TO TRANSFORMER LEADS (4 PLS.)  |          |          |         |       |          |         |         |         |          |          |
| 11.      | STAMP "STAGE TWO INPUT" ON CHASSIS OVER LEFT HAND SIDE JACK WITH 1/8 INCH HIGH, BLACK CHARACTERS.   |          |          |         |       |          |         |         |         |          |          |
| 12.      | * DENOTES 18 AWG. ALL OTHER 22 AWG.   |          |          |         |       |          |         |         |         |          |          |
| 13.      | SL-BL DESIGNATES SLOW BLOWING   |          |          |         |       |          |         |         |         |          |          |
| 14.      | USE 4 AMP FUSE (129919 SL-BL)   |          |          |         |       |          |         |         |         |          |          |



**H**  
 LEADS CONNECTED TO INSIDE OF 40 POINT TERMINAL BLOCK (LEFT SIDE OR FUSE SIDE OF TERMINAL BLOCK AS VIEWED FROM FRONT OF ASSEMBLY)



**TEST JACKS**  
 (NOTE 9)



ACTUAL WIRING DIAGRAM FOR 310174 ELECTRICAL SERVICE ASSEMBLY

**APPROVALS**

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

E-NUMBER  
 PROD. NO. 7528WD

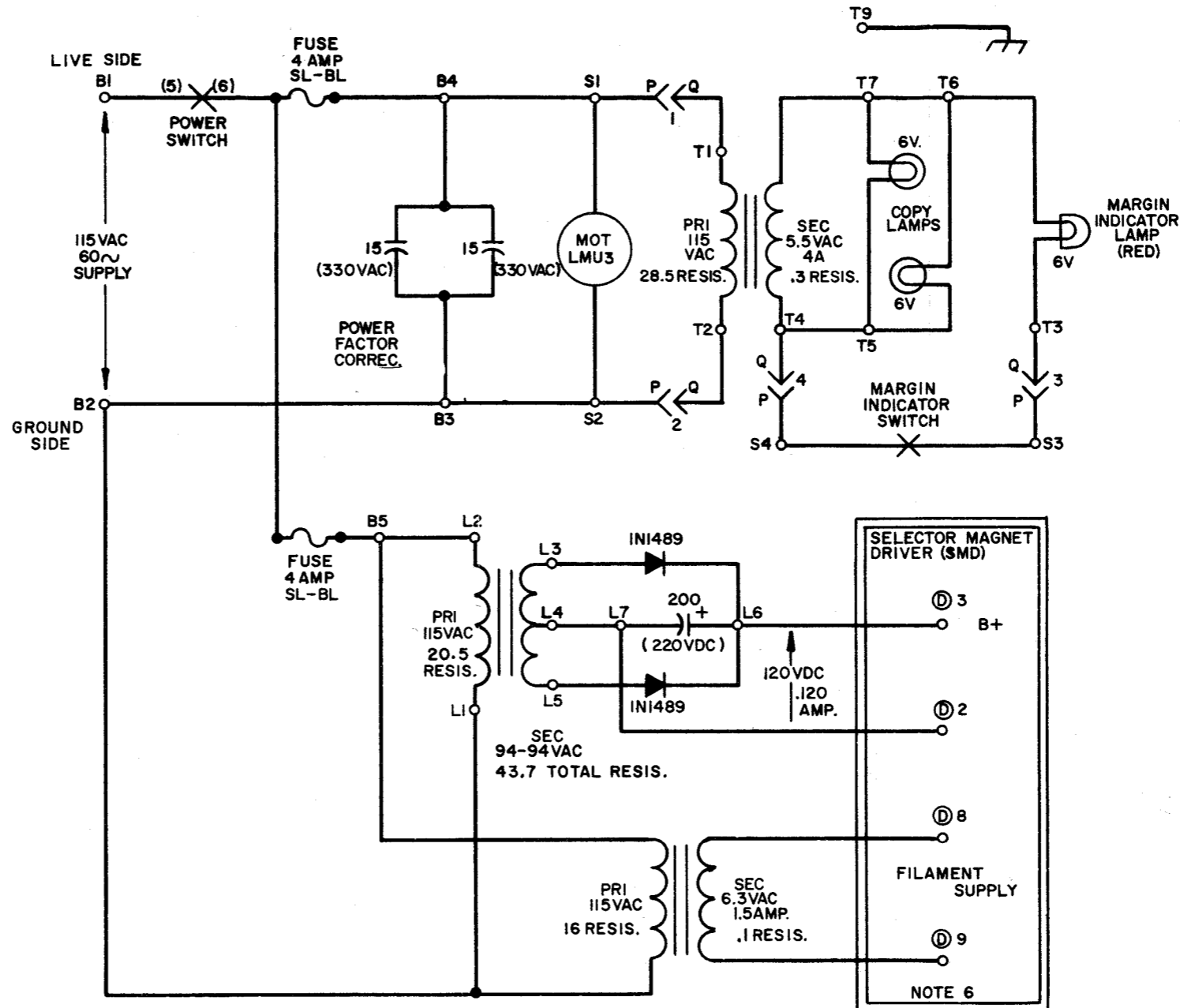
DATE: 10-31-64  
 P.D. FILE NO. N-8-G  
 DRAWN. WPH CHKD. *[Signature]*  
 ENGD. BPK APPD. *[Signature]*

**TELETYPE CORPORATION**  
 7528 WD

| ISSUE | DATE | AUTH. NO. |
|-------|------|-----------|
|       |      |           |
|       |      |           |
|       |      |           |
|       |      |           |

1. FOR ACTUAL WIRING OF UNITS SHOWN ON THIS SCHEMATIC, REFER TO:
- 2900WD MOTOR, LMU3
  - 4196WD PAGE PRINTER, LP77/AGM
  - 4262WD KYBD, LK51
  - 4257WD COVER, LPC206
  - 7528WD 310174 ELECTRICAL SERVICE ASSEMBLY
  - 4304WD INTERCONNECTING CABLE
  - 7488WD 309863 SELECTOR MAGNET DRIVER
2. ALL APPARATUS SHOWN IN UNOPERATED OR DE-ENERGIZED POSITION.
3. RESISTANCE SHOWN IN OHMS, CAPACITANCE IN MICROFARADS, INDUCTANCE IN MILLIHENRIES, UNLESS OTHERWISE SPECIFIED.
4. LEGEND FOR SYMBOLS:
- MALE CONNECTOR
  - FEMALE CONNECTOR
  - NORMALLY OPEN SWITCH OR CONTACT
  - TRANSFER SWITCH OR CONTACT
  - NORMALLY CLOSED SIDE
  - SHIELDED LEAD
  - MULTIPLE TERMINAL CONNECTOR
  - CHASSIS GROUND
5. USE SYNCHRONOUS MOTOR ON REGULATED 60 CYCLE (±1%) AC ONLY.
6. SEE 7489WD FOR SCHEMATIC WIRING OF 309863 SELECTOR MAGNET DRIVER.
7. TERMINALS ENCLOSED IN PARENTHESES ARE FOR REFERENCE AND ARE NOT MARKED ON COMPONENT.

8. LEGEND FOR CONNECTORS: (M-MALE, F-FEMALE)
- AA LP (M & F)
  - F LK (M & F)
  - P LPC (F)
  - Q LPC (M)
- LEGEND FOR TERMINALS:
- B ELECTRICAL SERVICE ASSEMBLY POWER TERMINAL BLOCK
  - Ⓧ ASSOCIATED SELECTOR MAGNET DRIVER TERMINAL BLOCK
  - H 40 POINT TERMINAL BLOCK FOR INTERCONNECTIONS
  - L RECTIFIER TERMINALS
  - S MOTOR TERMINAL BLOCK ON KYBD
  - T COVER TERMINAL BLOCK
- MOTOR TERMINAL BLOCK "S" IS DESIGNATED "A" ON ASSOCIATED KEYBOARD ACTUAL WIRING DIAGRAM.



SCHEMATIC WIRING DIAGRAM FOR RACK MOUNTED PAGE PRINTER SET (KSR)

APPROVALS

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

E-NUMBER

PROD. NO. 7529WD

DATE: 11-6-64

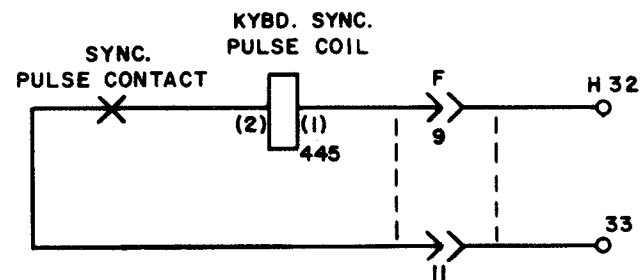
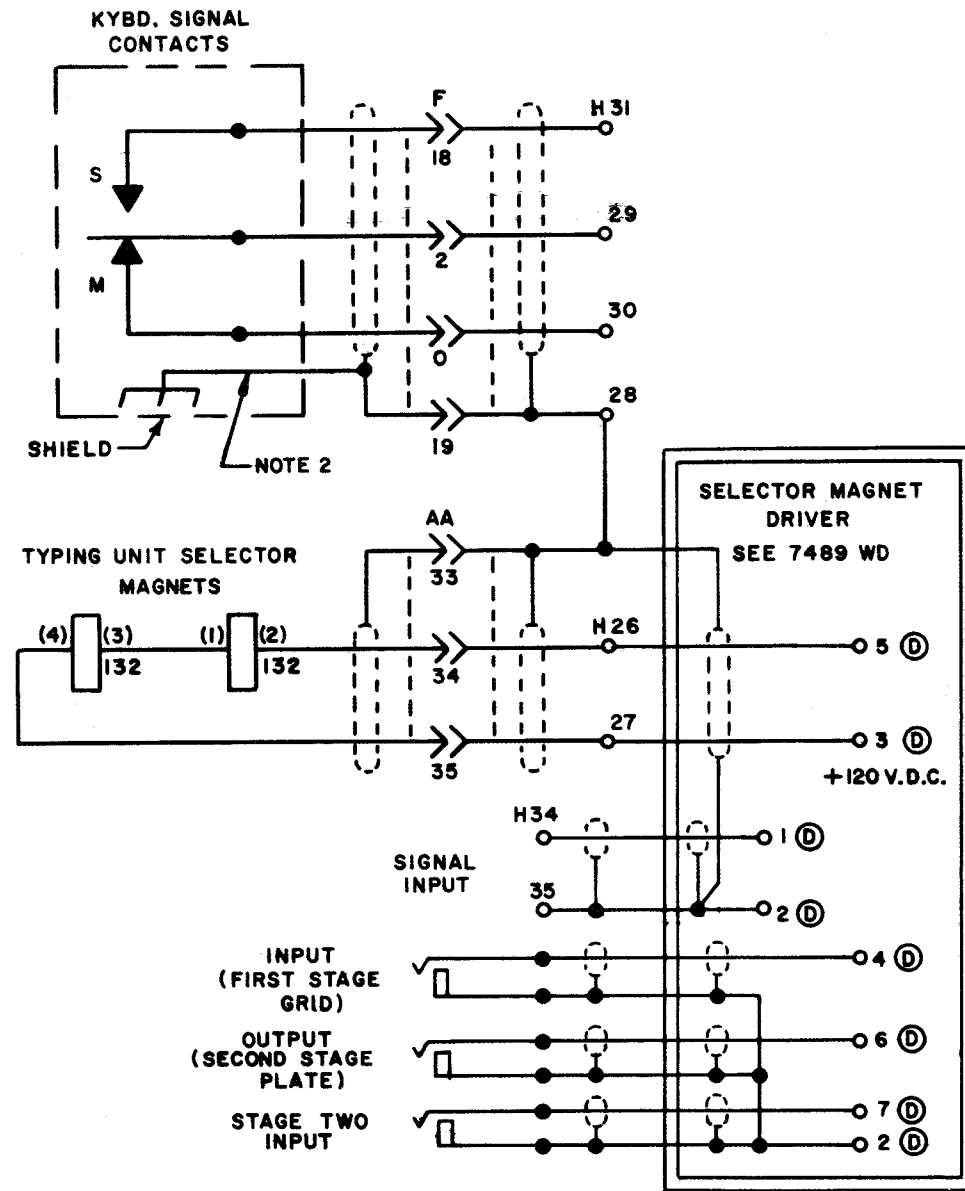
P.D. FILE NO. N-8-G

DRAWN. WPH CHKD. *[Signature]*

ENGD. BPK APPD. *OAL*

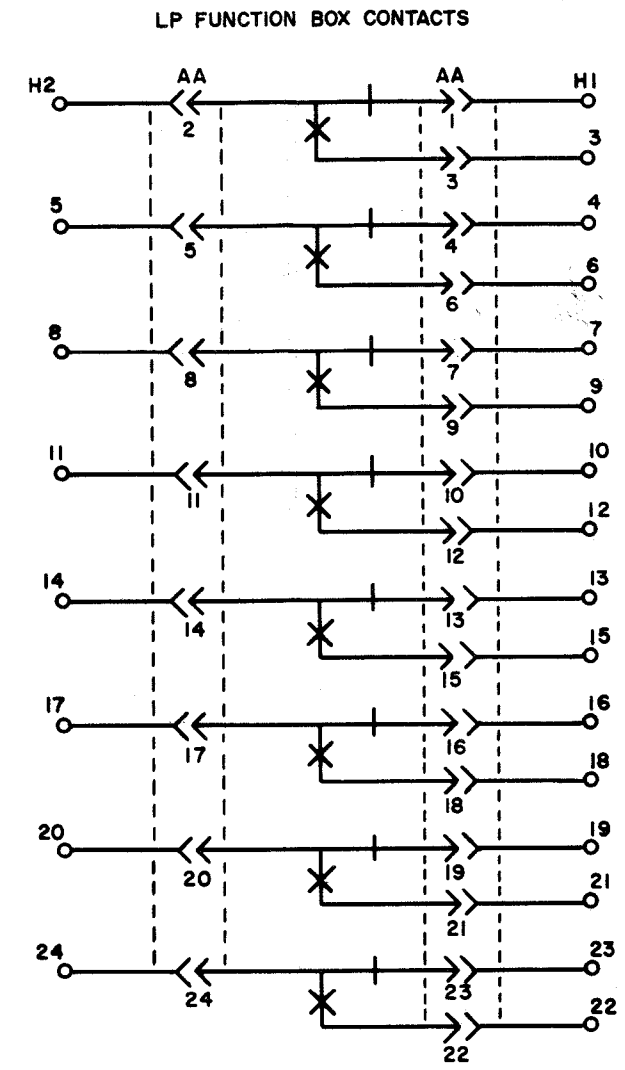
TELETYPE CORPORATION

- NO. NOTES:
- SEE SHEET 1 FOR GENERAL NOTES.
  - RETURN SIDE OF SIGNAL LINE AND SELECTOR WIRES PLUS SIGNAL AND SELECTOR SHIELDS ARE CONNECTED TO MINUS OF D.C. POWER SUPPLY. DISCONNECT SHIELD GROUNDS AT SIGNAL CONTACT BOXES IF CONNECTION BETWEEN SIGNAL COMMON AND A.C. PROTECTIVE GROUND IS NOT DESIRED.



OPERATING SEQUENCE

- LF, LF NNNN
- ZYH
- ZYI
- ZYE
- X CRITIC
- ZRJ
- ZEM
- ZC ZC



| ISSUE | DATE   | AUTH. NO. |
|-------|--------|-----------|
| 2     | 5-5-65 | 86734-1   |
|       |        |           |
|       |        |           |

SHEET 2 OF 2

SCHEMATIC WIRING DIAGRAM  
FOR  
RACK MOUNTED PAGE PRINTER SET (KSR)

APPROVALS

D AND R E OF M  
*[Signatures]*

E-NUMBER

PROD. NO. 7529 WD

DATE: 11-5-64

P.D. FILE NO. N-8-G

DRAWN. J.J.A. CHKD. *[Signature]*

ENGD. B.P.K. APPD. *[Signature]*

TELETYPE CORPORATION

7529 WD

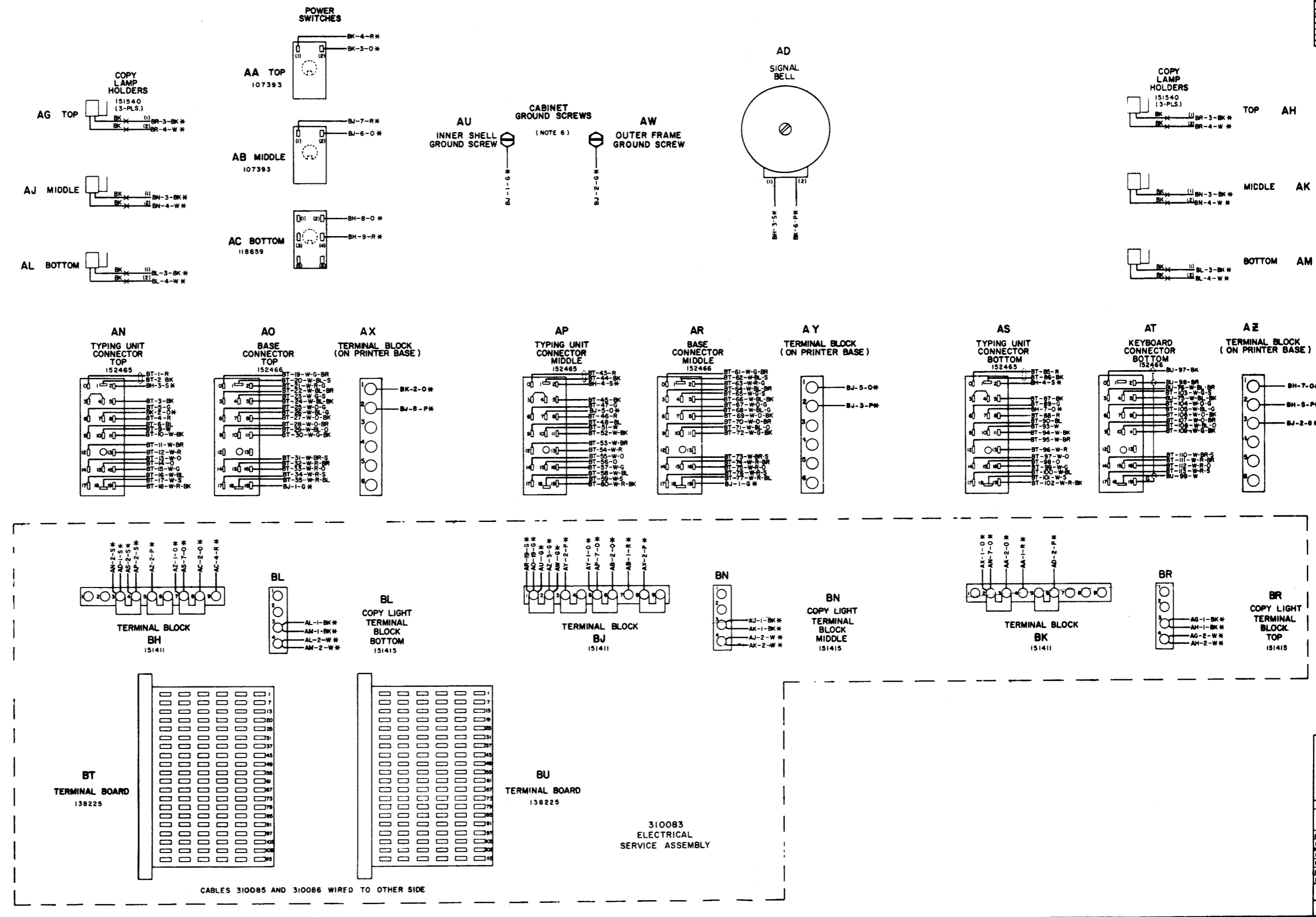
- NOTES**
- 1 DISTANT TERMINATING AREA
  - 2 DISTANT TERMINATING DESIGNATION
  - 3 WIRE COLOR CODE
  - 4 CONNECTORS AND SWITCHES VIEWED FROM SOLDERED TERMINAL ENDS
  - 5 \* MARKED LEADS ARE 18 GA WIRE, ALL OTHERS 24 GA.
  - 6 —X— DESIGNATES SPLICE AND TAPE.
  - 7 (1) INNER SHELL GROUND SCREW IS THE REAR MOUNTING SCREW OF THE CENTER LEFT SIDE ADAPTOR PLATE.
  - 8 (2) THE OUTER SHELL GROUND SCREW IS THE LOWER LEFT MOUNTING SCREW OF THE FIXED PANEL.
  - 9 INDICATES 2 LEAD, 22 AWG SHIELDED CABLE.
  - 10 INDICATES 3 LEAD, 22 AWG SHIELDED CABLE.
  - 11 TERMINAL DESIGNATIONS ENCLOSED IN PARENTHESES ARE FOR REFERENCE ONLY AND ARE NOT MARKED ON COMPONENTS.
  - 12 REFER TO 7532 WD FOR SCHEMATIC WIRING DIAGRAM.
  - 13 THIS WIRING DIAGRAM SHOWS CABINET WIRING AND CONNECTIONS TO 310083 ELECTRICAL SERVICE ASSEMBLY. FOR WIRING OF ELECTRICAL SERVICE ASSEMBLY REFER TO 7533 WD.

**BT TERMINAL BOARD LEGEND**

| NO | DESTINATION  | NO  | DESTINATION  |
|----|--------------|-----|--------------|
| 1  | AN-O-R       | 61  | AR-O-W-G-BR  |
| 2  | AN-1-BK      | 62  | AR-1-W-BL-S  |
| 3  | AN-5-BK      | 63  | AR-2-W-R-G   |
| 4  | AN-9-R       | 64  | AR-3-W-BL-BR |
| 5  | AN-6-G       | 65  | AR-4-W-G-S   |
| 6  | AN-9-BL      | 66  | AR-5-W-BL-BK |
| 7  | SH-LD GRD    | 67  | AR-6-W-O-G   |
| 8  |              | 68  | AR-7-W-BL-G  |
| 9  | AN-10-W      | 69  | AR-8-W-O-BK  |
| 10 | AN-11-W-BK   | 70  | AR-9-W-O-BK  |
| 11 | AN-12-W-BR   | 71  | AR-10-W-BL-O |
| 12 | AN-13-W-R    | 72  | AR-11-W-G-BK |
| 13 | AN-14-W-O    | 73  | AR-12-W-R-S  |
| 14 | AN-15-O      | 74  | AR-13-W-R-BR |
| 15 | AN-16-W-G    | 75  | AR-14-W-R-O  |
| 16 | AN-17-W-R    | 76  | AR-15-W-R-S  |
| 17 | AN-18-W-S    | 77  | AR-16-W-R-BL |
| 18 | AN-19-W-R-BK | 78  |              |
| 19 | AO-O-W-G-BR  | 79  |              |
| 20 | AO-1-W-BL-S  | 80  |              |
| 21 | AO-2-W-R-G   | 81  |              |
| 22 | AO-3-W-BL-BR | 82  |              |
| 23 | AO-4-W-G-S   | 83  |              |
| 24 | AO-5-W-BL-BK | 84  |              |
| 25 | AO-6-W-O-G   | 85  | AS-O-R       |
| 26 | AO-7-W-BL-G  | 86  | AS-1-BK      |
| 27 | AO-8-W-O-BK  | 87  | AS-5-BK      |
| 28 | AO-9-W-O-BR  | 88  | AS-6-R       |
| 29 | AO-10-W-BL-O | 89  | AS-6-G       |
| 30 | AO-11-W-G-BK | 90  | AS-9-BL      |
| 31 | AO-14-W-BR-S | 91  | SHIELD GRD   |
| 32 | AO-15-W-R-BR | 92  |              |
| 33 | AO-16-W-R-O  | 93  | AS-10-W      |
| 34 | AO-17-W-R-S  | 94  | AS-11-W-BK   |
| 35 | AO-18-W-R-BL | 95  | AS-12-W-BR   |
| 36 |              | 96  | AS-13-W-R    |
| 37 |              | 97  | AS-14-W-O    |
| 38 |              | 98  | AS-15-O      |
| 39 |              | 99  | AS-16-W-G    |
| 40 |              | 100 | AS-17-W-BL   |
| 41 |              | 101 | AS-18-W-S    |
| 42 |              | 102 | AS-19-W-R-BK |
| 43 | AP-O-R       | 103 | AT-4-W-G-S   |
| 44 | AP-1-BK      | 104 | AT-6-W-O-G   |
| 45 | AP-5-BK      | 105 | AT-7-W-BL-G  |
| 46 | AP-9-R       | 106 | AT-8-W-O-BK  |
| 47 | AP-6-G       | 107 | AT-9-W-O-BR  |
| 48 | AP-9-BL      | 108 | AT-10-W-BL-O |
| 49 | SHIELD GRD   | 109 | AT-11-W-G-BK |
| 50 |              | 110 | AT-14-W-BR-S |
| 51 | AP-10-W      | 111 | AT-15-W-R-BR |
| 52 | AP-11-W-BK   | 112 | AT-16-W-R-O  |
| 53 | AP-12-W-BR   | 113 | AT-17-W-R-S  |
| 54 | AP-13-W-R    | 114 |              |
| 55 | AP-14-W-O    | 115 |              |
| 56 | AP-15-O      | 116 |              |
| 57 | AP-16-W-G    | 117 |              |
| 58 | AP-17-W-R    | 118 |              |
| 59 | AP-18-W-S    | 119 |              |
| 60 | AP-19-W-R-BK | 120 |              |

**BU TERMINAL BOARD LEGEND**

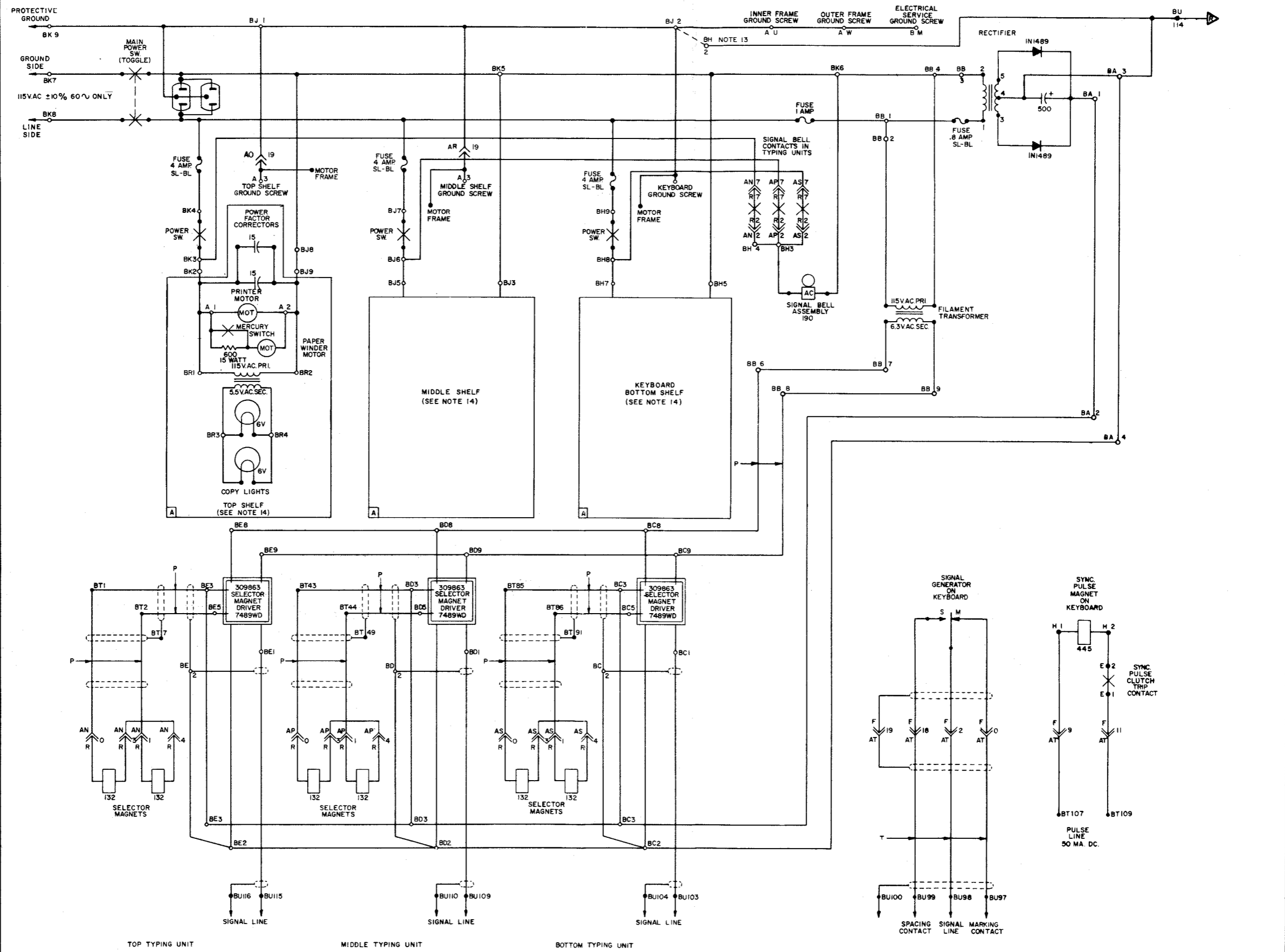
| NO | DESTINATION | NO  | DESTINATION  |
|----|-------------|-----|--------------|
| 1  |             | 61  |              |
| 2  |             | 62  |              |
| 3  |             | 63  |              |
| 4  |             | 64  |              |
| 5  |             | 65  |              |
| 6  |             | 66  |              |
| 7  |             | 67  |              |
| 8  |             | 68  |              |
| 9  |             | 69  |              |
| 10 |             | 70  |              |
| 11 |             | 71  |              |
| 12 |             | 72  |              |
| 13 |             | 73  |              |
| 14 |             | 74  |              |
| 15 |             | 75  | AT-5-W-BL-BK |
| 16 |             | 76  | AT-3-W-BL-BR |
| 17 |             | 77  |              |
| 18 |             | 78  |              |
| 19 |             | 79  |              |
| 20 |             | 80  |              |
| 21 |             | 81  |              |
| 22 |             | 82  |              |
| 23 |             | 83  |              |
| 24 |             | 84  |              |
| 25 |             | 85  |              |
| 26 |             | 86  |              |
| 27 |             | 87  |              |
| 28 |             | 88  |              |
| 29 |             | 89  |              |
| 30 |             | 90  |              |
| 31 |             | 91  |              |
| 32 |             | 92  |              |
| 33 |             | 93  |              |
| 34 |             | 94  |              |
| 35 |             | 95  |              |
| 36 |             | 96  |              |
| 37 |             | 97  | AT-O-BK      |
| 38 |             | 98  | AT-2-BR      |
| 39 |             | 99  | AT-18-W      |
| 40 |             | 100 | SHIELD GRD   |
| 41 |             | 101 |              |
| 42 |             | 102 |              |
| 43 |             | 103 |              |
| 44 |             | 104 |              |
| 45 |             | 105 |              |
| 46 |             | 106 |              |
| 47 |             | 107 |              |
| 48 |             | 108 |              |
| 49 |             | 109 |              |
| 50 |             | 110 |              |
| 51 |             | 111 |              |
| 52 |             | 112 |              |
| 53 |             | 113 |              |
| 54 |             | 114 |              |
| 55 |             | 115 |              |
| 56 |             | 116 |              |
| 57 |             | 117 |              |
| 58 |             | 118 |              |
| 59 |             | 119 |              |
| 60 |             | 120 |              |





| ISSUE | DATE     | AUTH. NO. |
|-------|----------|-----------|
| 1     | 10-12-64 |           |

1. FOR ACTUAL WIRING DIAGRAMS OF INDIVIDUAL UNITS REFER TO:  
 7536 WD BASE ASSEMBLY 310088  
 7531 WD CABINET LBAC261  
 7533 WD ELECTRICAL SERVICE ASSEMBLY  
 4262 WD KEYBOARD LK51  
 2900WD MOTOR UNIT LMU3-21  
 3214 WD PAGE PRINTER LP109  
 7488 WD SELECTOR MAGNET DRIVER 309863
2. LEGEND:  
 O A TERMINAL BLOCK - PRINTER BASE  
 O BA, BB TERMINAL BLOCK - SELECTOR MAGNET DRIVER MTG. ASSEMBLY  
 O BC, BD, BE TERMINAL BLOCK - SELECTOR MAGNET DRIVER  
 O BH, BJ, BK TERMINAL BLOCK - ELECTRICAL SERVICE ASSEMBLY  
 O BL, BM, BN COPY LIGHT TERMINAL BLOCK - ELECTRICAL SERVICE ASSEMBLY  
 O BT, BU TERMINAL BOARD - ELECTRICAL SERVICE ASSEMBLY  
 AN CONNECTOR, RECEPTACLE - TOP TYPING UNIT  
 AP CONNECTOR, RECEPTACLE - MIDDLE TYPING UNIT  
 AS CONNECTOR, RECEPTACLE - BOTTOM TYPING UNIT  
 AT CONNECTOR, RECEPTACLE - KEYBOARD  
 E CONNECTOR, PLUG - KEYBOARD  
 R CONNECTOR, PLUG - TYPING UNIT
3. [Symbol] INDICATES SHIELDED LEADS.
4. RESISTANCE VALUES IN OHMS, UNLESS OTHERWISE SPECIFIED.
5. CAPACITANCE VALUES IN MICROFARADS, UNLESS OTHERWISE SPECIFIED.
6. POWER INPUT 115 V.A.C. ±10% 60 CYCLES ONLY.
7. SL-BL DENOTES SLOW BLOWING
8. FOR TELETYPE PERSONNEL REFERENCE SPECIFICATION 609955
9. SIGNAL LINE INPUT  
 TOP TYPING UNIT - BU115  
 MIDDLE TYPING UNIT - BU109  
 BOTTOM TYPING UNIT - BU103  
 COMMON CIRCUIT RETURN - BU114
10. KEYBOARD SIGNAL GENERATOR CONNECTIONS.  
 MARK CONTACT - BU97  
 SPACE CONTACT - BU99  
 SWINGER CONTACT - BU98  
 CABLE SHIELD - BU100
11. SYNCHRONOUS PULSE TRANSMISSION CONNECTIONS.  
 120 V.D.C. 50 MILLIAMPERES  
 BT107  
 BT109
12. [Symbol] INDICATES COMMON CIRCUIT RETURN.
13. CUSTOMER MAY CONNECT NEGATIVE SIDE OF POWER SUPPLY AND CIRCUIT COMMON RETURN TO CABINET GROUND BY ADDING A STRAP FROM BH2 TO BJ2.
14. CORRESPONDING DESIGNATIONS FOR REPEATED CIRCUIT "A".
- | TOP SHOWN | MIDDLE SHELF | KEYBOARD BOTTOM SHELF |
|-----------|--------------|-----------------------|
| BR        | BN           | BL                    |
15. P [Symbol] INDICATES TWISTED PAIR  
 T [Symbol] INDICATES TWISTED TRIPLE.



SCHEMATIC WIRING DIAGRAM FOR UNIVERSAL CABINET LBAC261

APPROVALS

|                                |                    |
|--------------------------------|--------------------|
| D AND R                        | E OF M             |
| <i>[Signature]</i>             | <i>[Signature]</i> |
| E-NO                           |                    |
| PROD. NO. 7532 WD              |                    |
| DATE 10-12-64                  |                    |
| PD. FILE NO. N-8-G             |                    |
| DRAWN WPH CHD                  |                    |
| ENGD. D.C.L. APPD. [Signature] |                    |
| TELETYPE CORPORATION           |                    |
| 7532 WD                        |                    |

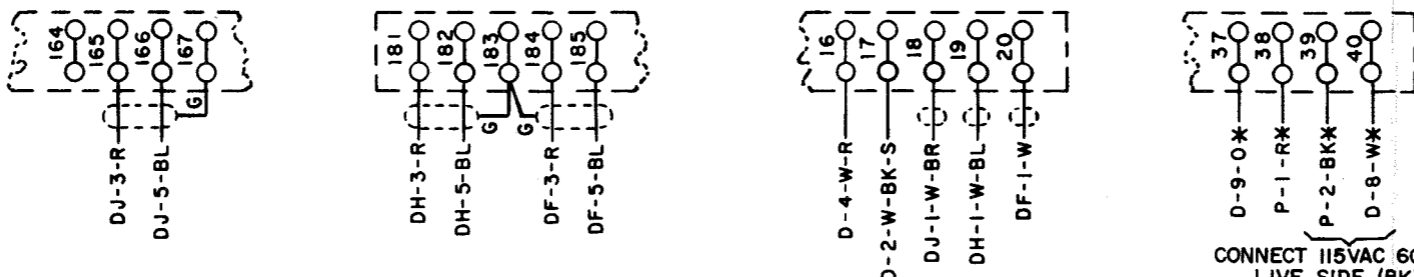


| ISSUE | DATE    | AUTH. NO. |
|-------|---------|-----------|
| 1     | 1-9-65  | 16362-R   |
| 2     | 4-30-65 | 86734     |

- NO**      **NOTES**
- 1. WIRING LEGEND**
  - 2. COLOR CODE**  

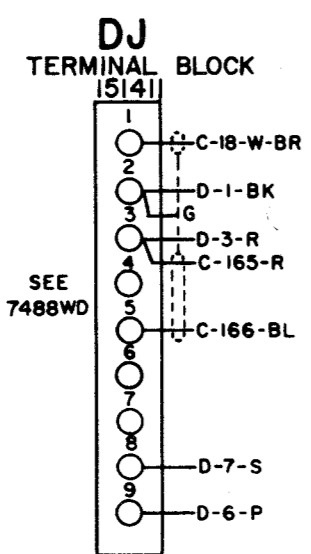
|    |        |   |        |
|----|--------|---|--------|
| BK | BLACK  | P | PURPLE |
| BL | BLUE   | R | RED    |
| BR | BROWN  | S | SLATE  |
| G  | GREEN  | W | WHITE  |
| O  | ORANGE | Y | YELLOW |
  - 3. ALL COMPONENTS VIEWED FROM SOLDER TERMINAL ENDS.**
  - 4. DENOTES SHIELDED WIRE, 22 AWG, UNLESS OTHERWISE SPECIFIED**
  - 5. TERMINAL DESIGNATIONS ENCLOSED IN PARENTHESES ARE FOR REFERENCE AND ARE NOT NECESSARILY MARKED ON COMPONENT.**
  - 6. DESIGNATIONS DF, DH AND DJ ARE USED FOR REFERENCE ON THIS WIRING DIAGRAM ONLY. SELECTOR MAGNET DRIVER TERMINAL BLOCKS ARE DESIGNATED AS "D" ON DRIVER WIRING DIAGRAM 7488 WD.**
  - 7. ASSOCIATED CABLE ASSEMBLIES:**  
 173846 MAIN CABLE  
 173857 FUSE-SWITCH  
 173858 FILAMENT XFMR
  - 8. \* ASTERISK DENOTES 18 AWG. WIRE ALL OTHER 22 AWG.**
  - 9. SEE 7538WD FOR SCHEMATIC WIRING.**

**C**  
CABINET TERMINAL BLOCKS

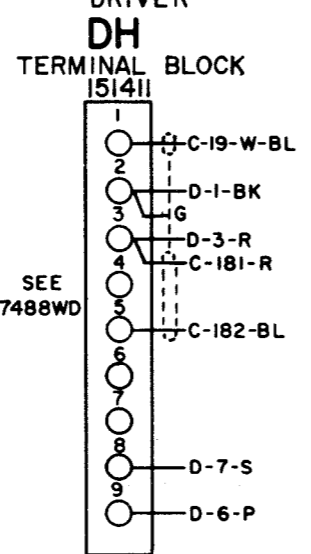


CONNECT 115VAC 60~ POWER CORD  
 LIVE SIDE (BK) TO C39  
 GROUND SIDE (W) TO C40  
 SAFETY GROUND (G) TO CABINET FRAME

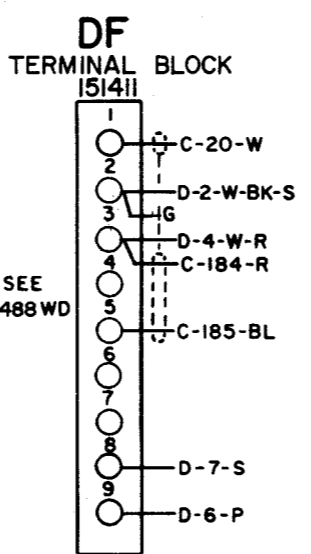
**DJ**  
AUX. REPERFORATOR  
SELECTOR MAGNET  
DRIVER



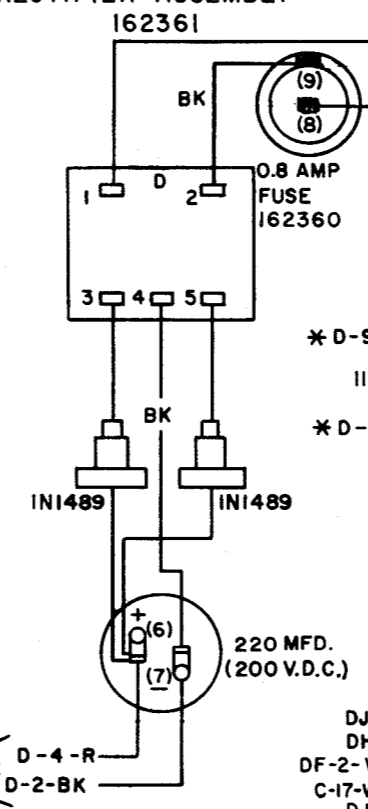
**DH**  
KEYBOARD  
REPERFORATOR  
SELECTOR MAGNET  
DRIVER



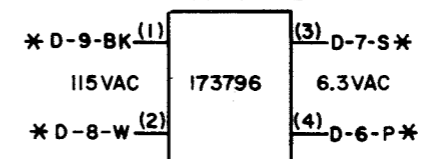
**DF**  
TYPING UNIT  
SELECTOR MAGNET  
DRIVER



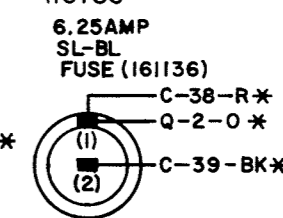
**L**  
RECTIFIER ASSEMBLY  
162361



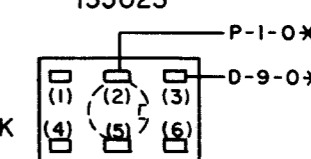
**B**  
FILAMENT  
TRANSFORMER  
173796



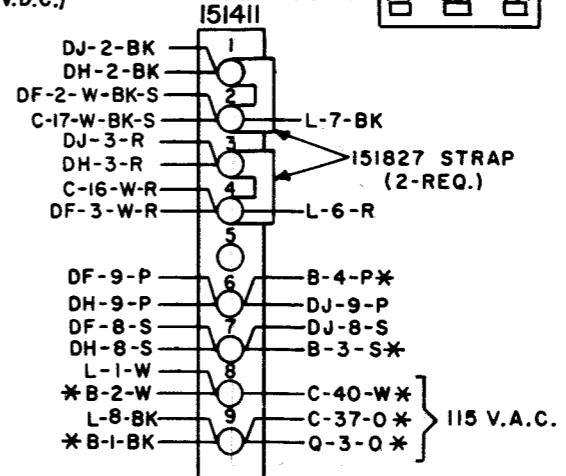
**P**  
FUSE  
HOLDER  
116783



**Q**  
POWER SWITCH  
155023



**D**  
TERMINAL BLOCK  
151411



ACTUAL  
WIRING DIAGRAM  
FOR  
310183  
ELECTRICAL  
SERVICE ASSEMBLY








**APPROVALS**

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

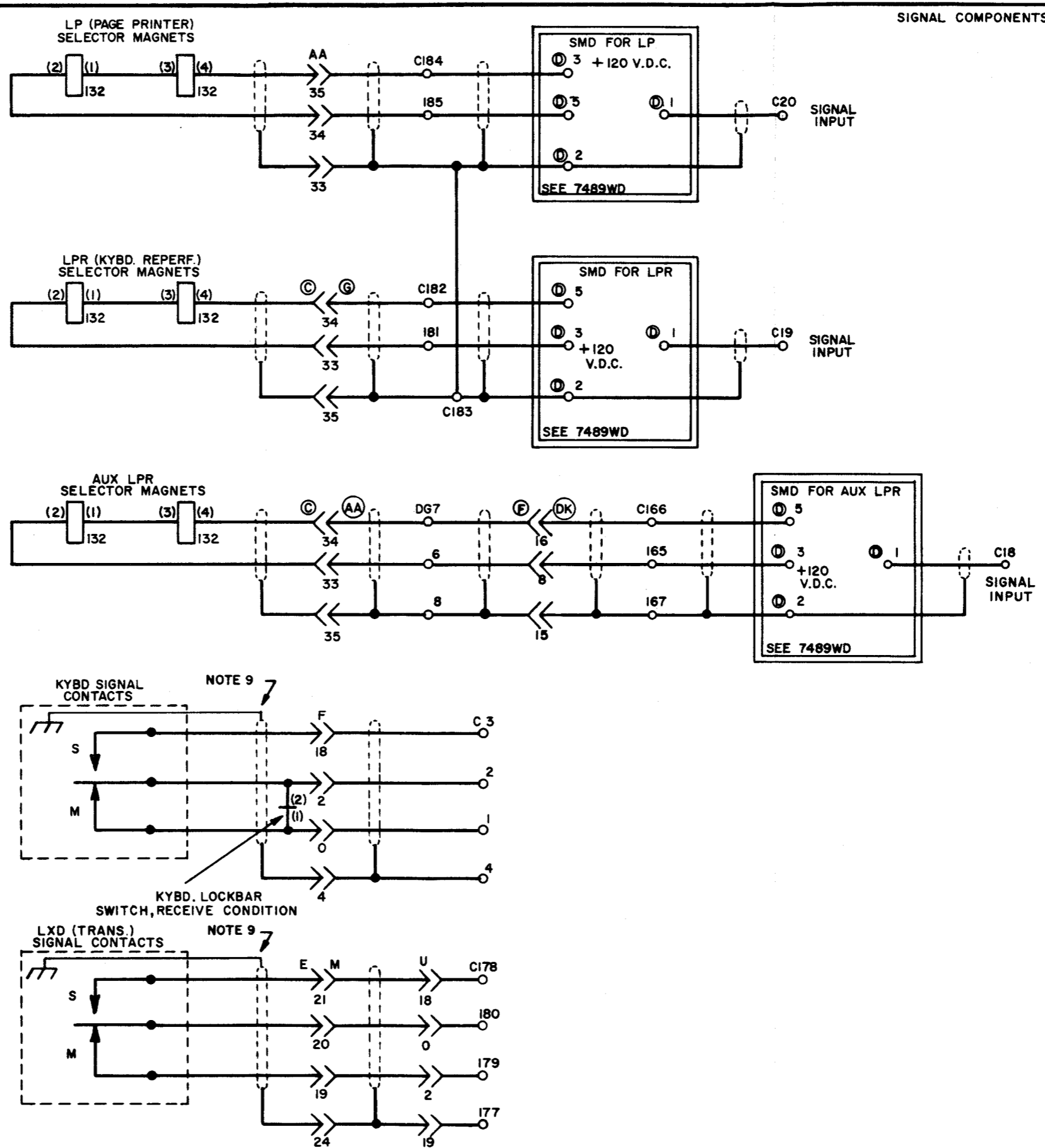
E-NUMBER  
 PROD. NO. 7537 WD

DATE: 10-31-64  
 P.D. FILE NO. N-8-G  
 DRAWN. J. J. A.      CHKD. *[Signature]*  
 ENGD. B. P. K.      APPD. *[Signature]*

TELETYPE  
 CORPORATION  
 7537 WD

| NO. | NOTES   |
|-----|---|
| 1.  | FOR ACTUAL WIRING DIAGRAMS OF UNITS SHOWN ON THIS SCHEMATIC, REFER TO:<br>2900WD MOTORS LMU3, LMUI2<br>4196WD PAGE PRINTER LP77/AGM<br>4263WD KEYBOARD LAK45<br>4264WD TRANSMITTER LXD29<br>4265WD TRANS. BASE LCXB13<br>4266WD AUX. REPERF. BASE LRB32<br>4267WD CABINET LAAC229<br>4350WD KEYBOARD REPERF. TO CABINET WIRING REPERF. LPR35<br>7488WD SELECTOR MAGNET DRIVER<br>7537WD ELEC. SERVICE ASSEM. 310183<br>4286WD P.F. CORR. LMU3<br>4287WD P.F. CORR. LMUI2  |
| 2.  | ALL APPARATUS SHOWN IN UNOPERATED OR DE-ENERGIZED POSITION.   |
| 3.  | RESISTANCE SHOWN IN OHMS, CAPACITANCE IN MICRO-FARADS, INDUCTANCE IN MILLIHENRIES, UNLESS OTHERWISE SPECIFIED.  |
| 4.  | LEGEND FOR SYMBOLS:<br> MALE CONNECTOR<br> FEMALE CONNECTOR<br> NORMALLY OPEN CONTACT OR SWITCH<br> TRANSFER CONTACT NORMALLY CLOSED SIDE<br> SHIELDED WIRE(S)<br> MULTIPLE CONNECTOR<br> CHASSIS GROUND |

| NO. | NOTES  |
|-----|--|
| 5.  | LEGEND FOR CONNECTORS:<br>(M-MALE, F-FEMALE)<br>AA LP (M & F)<br>Ⓐ AUX LPR (M)<br>Ⓒ KYBD LPR (M)<br>Ⓓ AUX AND KYBD LPR (F)<br>F KYBD (M & F)<br>Ⓕ LRB (M)<br>Ⓖ LRB (F)<br>Ⓗ LXD (M)<br>Ⓖ LRB (F)<br>Ⓗ LXD (M)<br>Ⓖ LRB (F)<br>Ⓗ LXD (M)<br>Ⓖ LRB (F)<br>Ⓗ LXD (M)<br>Ⓖ LRB (F)<br>U LCXB (M & F) |
| 6.  | TERMINAL DESIGNATIONS ENCLOSED IN PARENTHESES ARE FOR REFERENCE AND ARE NOT MARKED ON COMPONENT.   |
| 7.  | SL-BL INDICATES SLOW BLOWING FUSE.   |
| 8.  | ALL SELECTOR MAGNETS SHOWN FOR .020 TO .030 AMPERE OPERATION.  |
| 9.  | RETURN SIDE OF SIGNAL LINE AND SELECTOR WIRES PLUS SIGNAL AND SELECTOR SHIELDS ARE CONNECTED TO MINUS OF D.C. POWER SUPPLY. DISCONNECT SHIELD GROUND AT SIGNAL CONTACT BOXES IF CONNECTION BETWEEN SIGNAL COMMON AND A.C. PROTECTIVE GROUND IS NOT DESIRED.                                      |



SIGNAL COMPONENTS

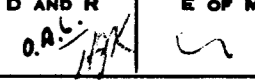


7538 WD

| ISSUE | DATE    | AUTH. NO. |
|-------|---------|-----------|
| 1     | 1-9-65  | 16362-R   |
| 2     | 4-30-65 | 86734     |

SHEET 1 OF 3

SCHEMATIC WIRING DIAGRAM FOR MODEL 28 ASR SET

APPROVALS

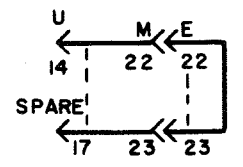
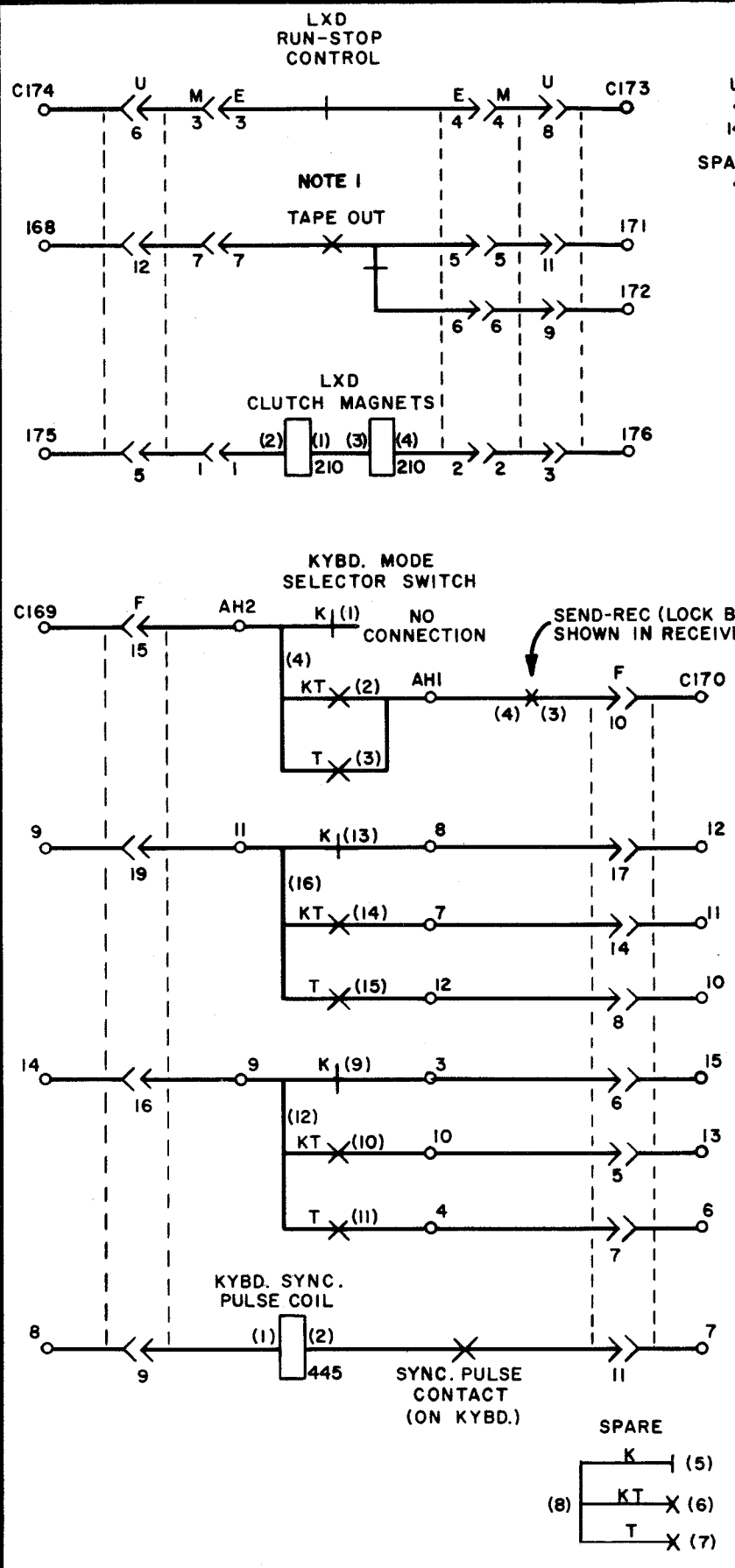
|   |   |
|---|---|
| D AND R   | E OF M  |
|  |   |
| E-NUMBER  |   |
| PROD. NO. 7538WD  |   |
| DATE: 11-2-64   |   |
| P.D. FILE NO. N-8-G   |   |
| DRAWN. WPH  | CHKD.  |
| ENGD. BPK   | APPD.  |

TELETYPE CORPORATION

7538 WD

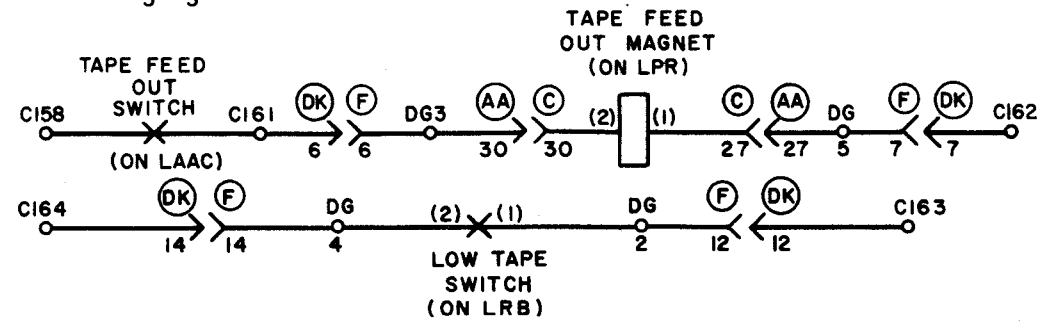
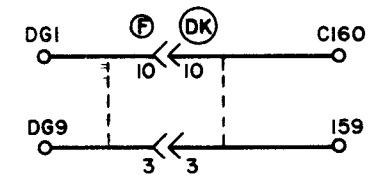
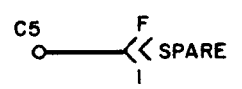
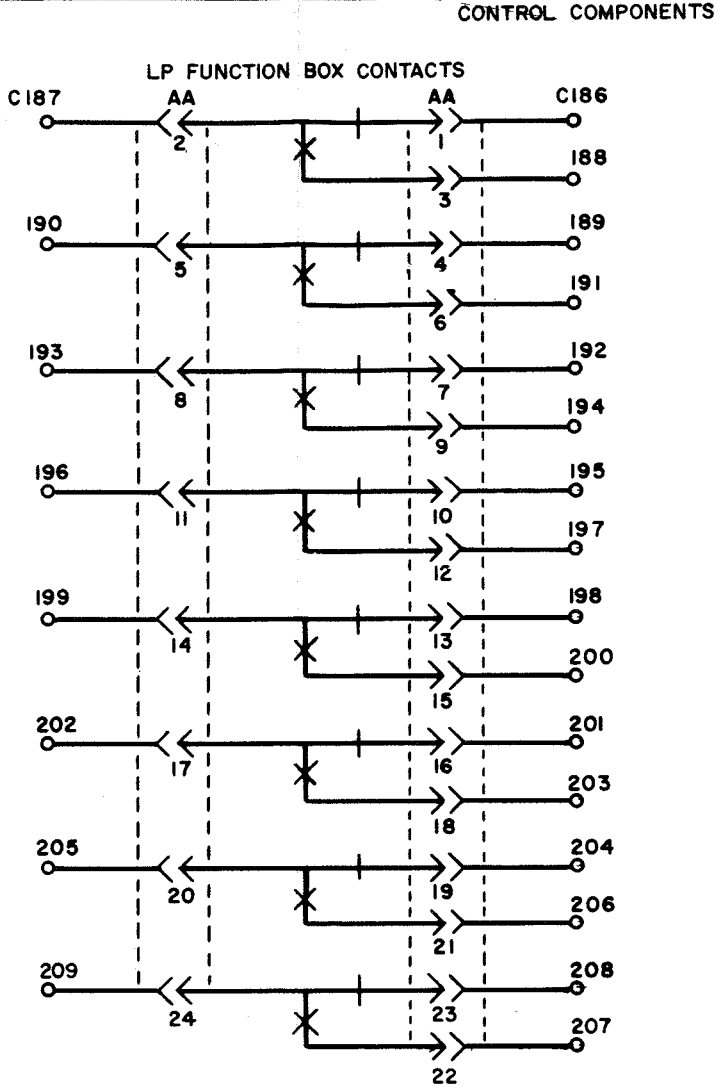
NO. NOTES:

1. TRANSMITTER (LXD) RUN-STOP AND TAPE OUT CONTROLS SHOWN IN RUN CONDITION WITH TAPE IN HEAD.



OPERATING SEQUENCE

LF, LF, NNNN  
ZYH  
ZYI  
ZYE  
X CRITIC  
ZRJ  
ZEM  
ZC, ZC



CONTROL COMPONENTS

7538 WD

| ISSUE | DATE    | AUTH. NO. |
|-------|---------|-----------|
| 1     | 1-9-65  | 16362-R   |
| 2     | 4-30-65 | 86734     |

SHEET 2 OF 3

SCHEMATIC WIRING DIAGRAM FOR MODEL 28 ASR SET

**APPROVALS**

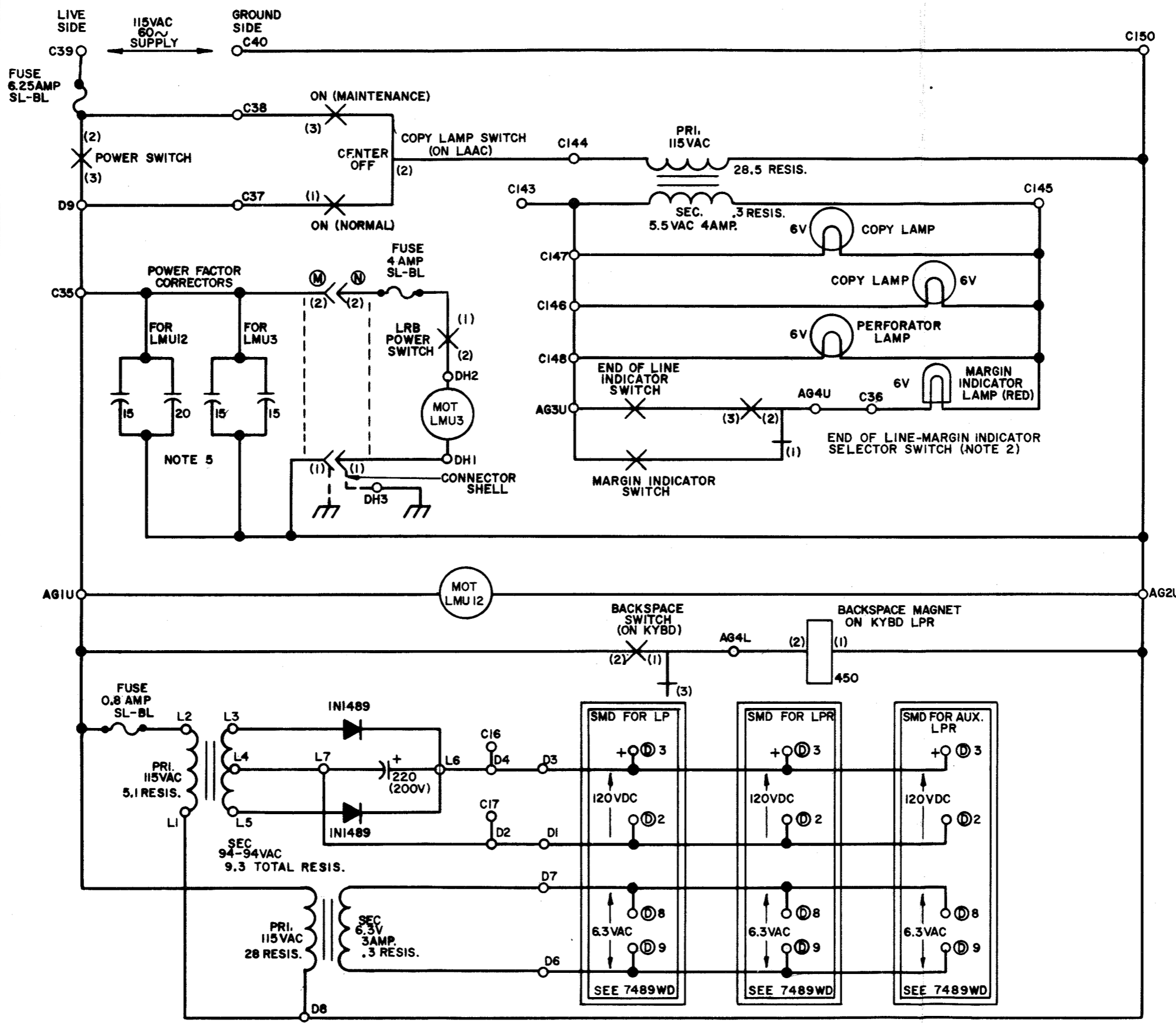
|                     |                          |
|---------------------|--------------------------|
| D AND R             | E OF M                   |
| <i>O.A.L.</i>       | <i>[Signature]</i>       |
| E-NUMBER            |                          |
| PROD. NO. 7538WD    |                          |
| DATE: 11-3-64       |                          |
| P.D. FILE NO. N-8-G |                          |
| DRAWN J.J.A.        | CHKD. R.D.               |
| ENGD. B.P.K.        | APPD. <i>[Signature]</i> |

**TELETYPE CORPORATION**

7538 WD

| ISSUE | DATE   | AUTH. NO. |
|-------|--------|-----------|
| 1     | 1-9-65 | 16362-R   |
|       |        |           |
|       |        |           |

- NO. NOTES**
- SEE SHEET 1 FOR GENERAL NOTES.
  - END OF LINE-MARGIN INDICATOR SELECTOR SWITCH SHOWN WHEN K-KT-T SWITCH IS IN K OR KT POSITION. SELECTOR SWITCH IS IN OPPOSITE CONDITION TO THAT SHOWN IN T POSITION. (MECHANICALLY LINKED TO K-KT-T SWITCH).
  - USE SYNCHRONOUS MOTOR ON REGULATED 60 CYCLE (±1%) A.C. POWER ONLY.
  - LEGEND - SAME AS SHEET 1 PLUS THE FOLLOWING:  
 AG L KYBD. LOWER TERMINAL BLOCK.  
 AG U KYBD. UPPER TERMINAL BLOCK.  
 NOTE: KYBD. TERMINAL BLOCKS ARE DESIGNATED "A" ON SOME ASSOCIATED ACTUAL WIRING DIAGRAMS.  
 DG LRB UPPER TERMINAL BLOCK.  
 DH LRB LOWER TERMINAL BLOCK.  
 L RECTIFIER TERMINAL LUGS.
  - CAPACITOR RATINGS: 330 V.A.C.



SHEET 3 OF 3

SCHEMATIC WIRING DIAGRAM FOR MODEL 28 ASR SET

APPROVALS

D AND R E OF M  
*O.A.L.* *H.K.*

E-NUMBER

PROD. NO. 7538WD

DATE: 11-5-64

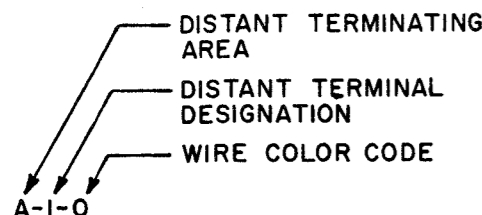
P.D. FILE NO. N-8-G

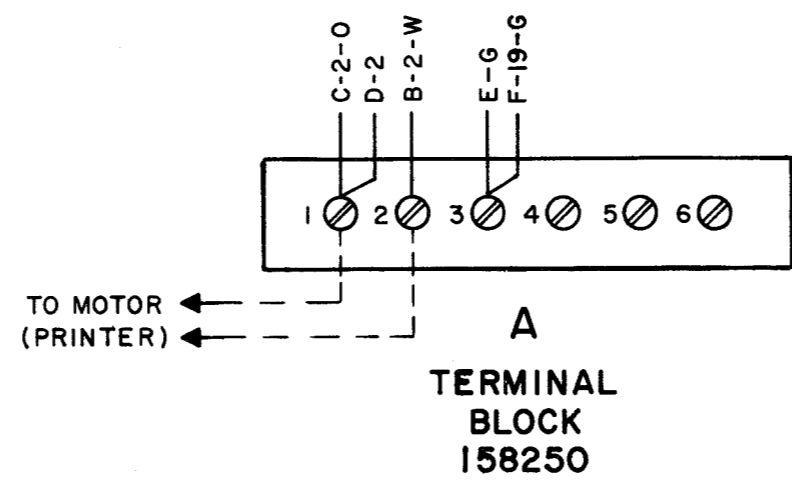
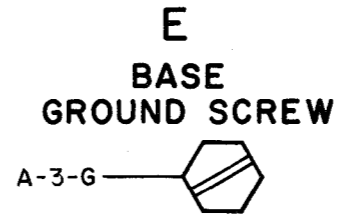
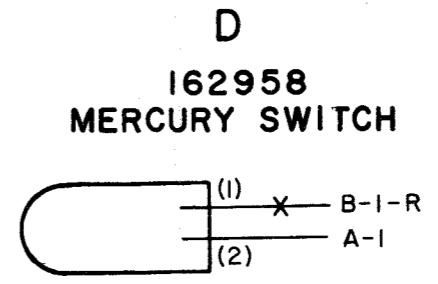
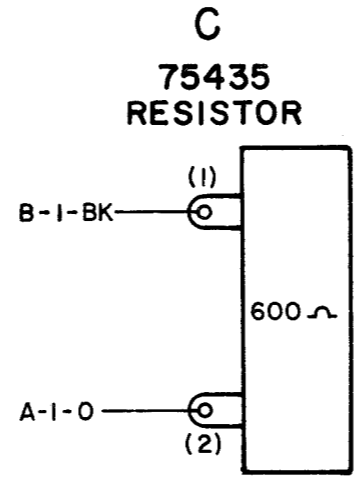
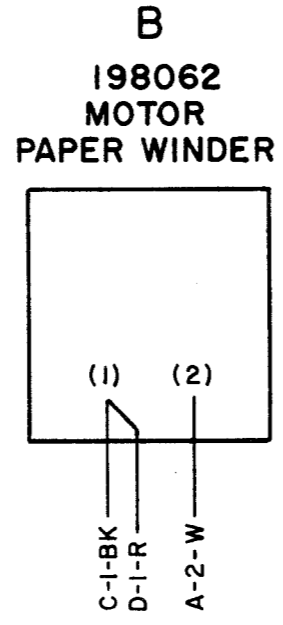
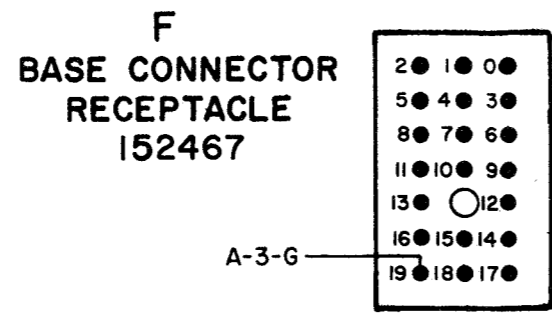
DRAWN. WPH CHKD. *W.P.H.*

ENGD. BPK APPD. *O.A.L.*

TELETYPE CORPORATION

7538 WD

| NO. | NOTES  |
|-----|--|
| 1.  | <b>WIRING LEGEND:</b><br> <p>DISTANT TERMINATING AREA<br/> DISTANT TERMINAL DESIGNATION<br/> WIRE COLOR CODE</p> <p>A-1-0</p> |
| 2.  | <b>COLOR CODE:</b><br>BK - BLACK<br>O - ORANGE<br>W - WHITE<br>G - GREEN<br>R - RED  |
| 3.  | NUMBERS ENCLOSED IN PARENTHESES ARE FOR REFERENCE ONLY AND ARE NOT MARKED ON COMPONENT.  |
| 4.  | -X- DENOTES SPLICE AND TAPE.   |
| 5.  | PAPER WINDER MOTOR OPERATES ON 115 V.A.C. ± 10% 50 OR 60 CYCLES.   |
| 6.  | FOR TELETYPE PERSONNEL REFERENCE:<br>SPECIFICATION NO. 60,995S   |
| 7.  | FOR SCHEMATIC WIRING DIAGRAM REFER TO 7532WD.  |



**7556 WD**

| REVISIONS |        |           |
|-----------|--------|-----------|
| ISSUE     | DATE   | AUTH. NO. |
| 1         | 1-9-65 | 16358-R   |
|           |        |           |
|           |        |           |
|           |        |           |

|  |             |
|--|-------------|
| ACTUAL WIRING DIAGRAM<br>310088<br>BASE ASSEMBLY |             |
| APPROVALS  |             |
| D AND R<br>O.A.                                  | E OF M<br>✓ |
| E-NUMBER   |             |
| PROD. NO. 7556 WD                                |             |
| DATE: 11-12-64                                   |             |
| P.D. FILE NO. N-8-G                              |             |
| DRAWN J.J.A.                                     | CHKD. ✓     |
| ENGD. D.C.L.                                     | APPD. O.A.  |
| TELETYPE CORPORATION                             |             |
| 7556 WD  |             |