

28F, 28G, AND 28LB TRANSMITTER DISTRIBUTOR UNITS

WIRING DIAGRAMS

1. GENERAL

1.01 This section shows the wiring of the 28F, 28G, and 28LB transmitter distributor units. The 28F and 28G units are used with the Automatic Send-Receive Set or the Self-Contained Transmitter Distributor Set. The 28LB unit is used only with the 28 Automatic Send-Receive Set.

1.02 It is reissued to provide recent engineering information, change format, and remove the 28LA unit that has been replaced by the 28LB.

1.03 Included on wiring diagrams are notes that explain symbols used and point out special conditions. These diagrams show origin and termination of the various leads as well as the color coding for each of the components.

2. WIRING DIAGRAM INDEX (ATTACHMENTS)

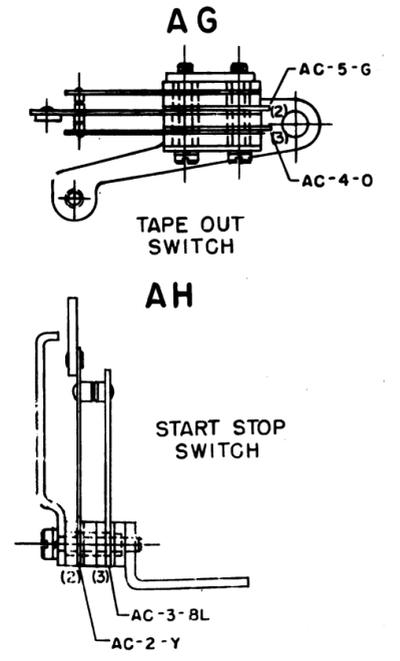
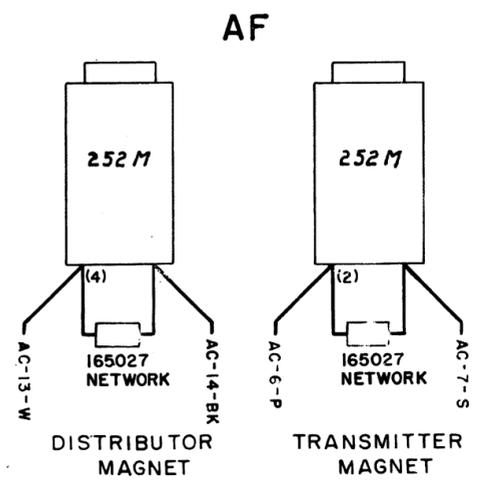
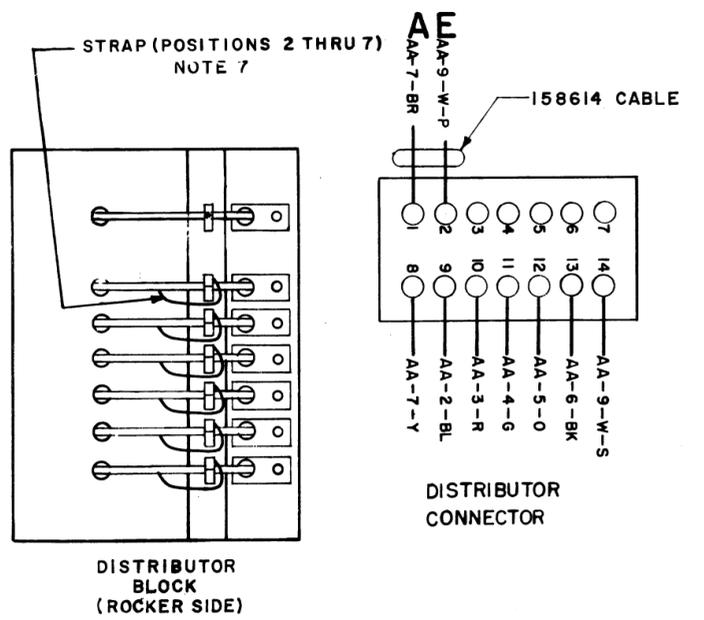
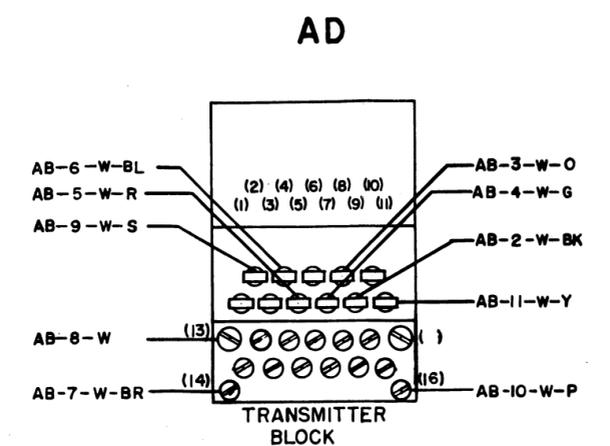
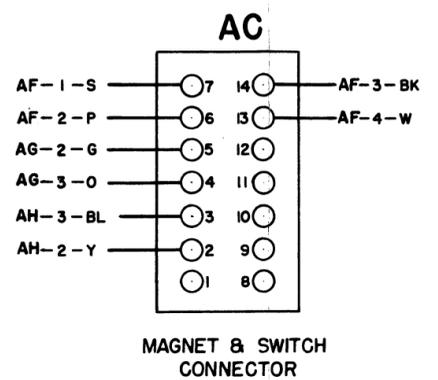
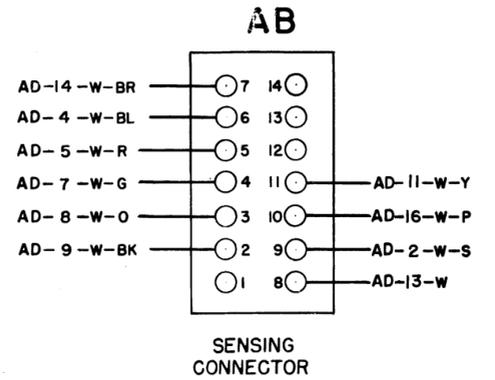
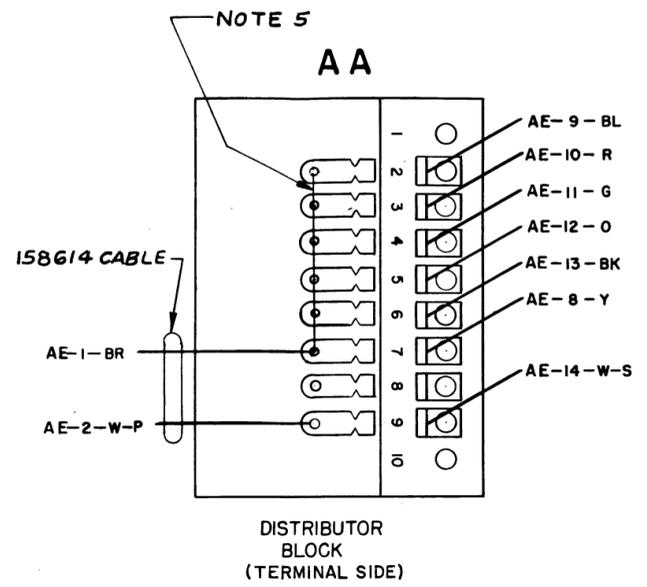
TITLE	DIAGRAM NUMBER	SHEET NO.	WD ISSUE
Wiring Diagram LBXD5 (Bell 28F)	3251WD	1	12
Wiring Diagram LBXD7 (Bell 28G)	3536WD	1	11
Wiring Diagram LFXD2 (Bell 28LB)	4900WD	1	5

- NO. NOTES**
- WIRING LEGEND:**

— DISTANT TERMINAL AREA.
 — DISTANT TERMINAL DESIGNATED

A-I-W
 WIRE COLOR
 - COLOR CODE:**

BK-BLACK	P-PURPLE	W-BK-WHITE	BLACK
BL-BLUE	R-RED	W-BL-WHITE	BLUE
BR-BROWN	S-SLATE	W-BR-WHITE	BROWN
G-GREEN	W-WHITE	W-G-WHITE	GREEN
O-ORANGE	Y-YELLOW	W-O-WHITE	ORANGE
W-P-WHITE	PURPLE	W-R-WHITE	RED
W-S-WHITE	SLATE	W-Y-WHITE	YELLOW
 - X TAPED WIRES, — X SPLICED & TAPED
 - CONNECTOR VIEWED FROM SOLDER TERMINAL END.
 - STRAP WITH 39522 RM WIRE AS INDICATED.
 - THE 165027 NETWORK IS USED ON THE LBXD5 & 25 ONLY.
 - ROCKER-ROCKER GUIDE STRAP; LBXD 25 ONLY. PART OF 304525 ROCKER ASSEMBLY.



3251 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
A2	1-25-57	TP-1031
B3	5-23-57	TP-1750
B4	6-6-57	TP-2100
B5	10-25-57	TP-2643
B6	2-4-58	TP-3075
B7	4-3-58	28-8873
B8	4-29-58	28-9071
M9	5-13-59	28-11169
M10	5-22-63	76872
M11	12-3-63	79183
M12	8-18-65	87498

ACTUAL WIRING DIAGRAM FOR LBXD

DATE: 10-10-56
 P.D. FILE NO. 4-58,85AA
 DRAWN K.F.L. CHKD. *RD*
 ENGD. H.M.W. APPD. *RNK*

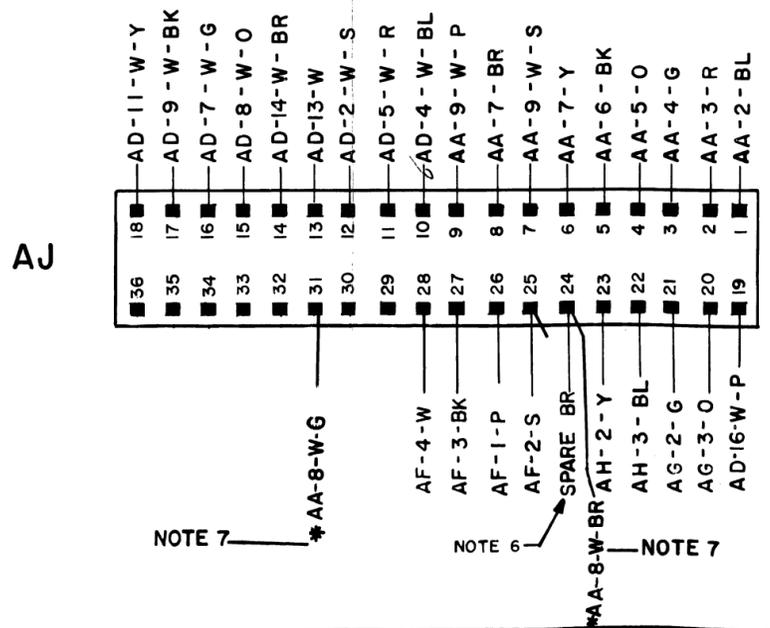
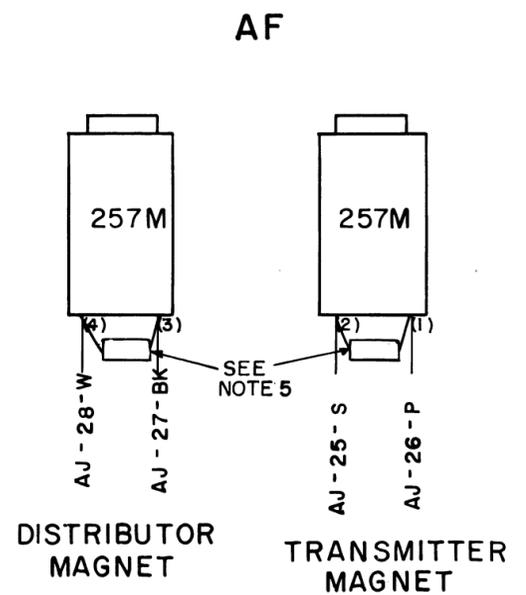
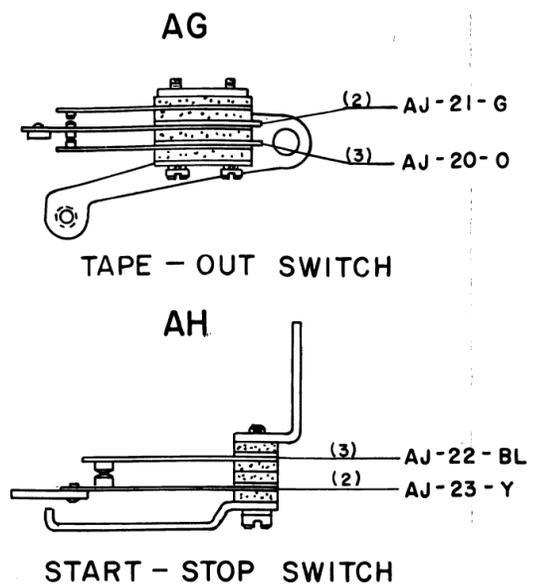
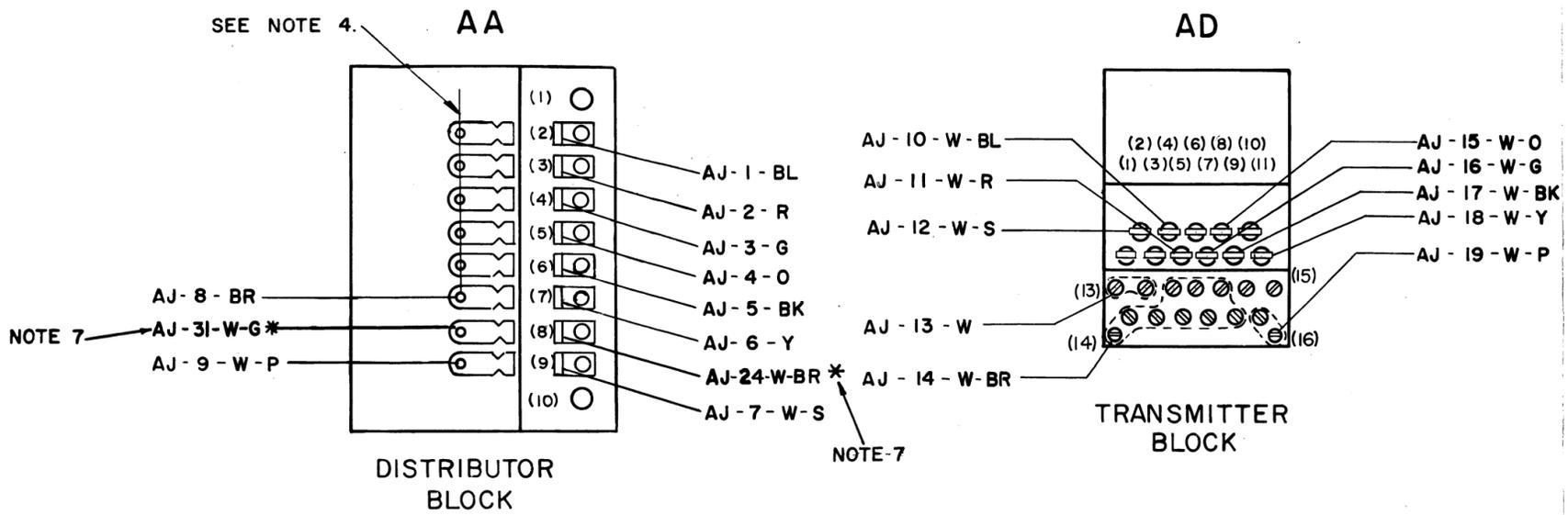
TELETYPE CORPORATION

3251WD

ISSUE	DATE	AUTH. NO.
A2	4-1-57	28-10893
B3	5-12-59	28-11150
B4	6-19-59	28-11150
B5	7-31-61	70310
B6	2-28-62	72599
B7	4-2-62	72995
B8	3-18-65	86581
9	4-1-65	86580
10	8-18-65	87498
11	10-13-65	88989

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

BK - BLACK	W-S - WHITE	SLATE
BL - BLUE	W-BL WHITE	BLUE
BR - BROWN	W-BR WHITE	BROWN
G - GREEN	W-O WHITE	ORANGE
O - ORANGE	W-R WHITE	RED
R - RED	W-P WHITE	PURPLE
Y - YELLOW	W-Y WHITE	YELLOW
W - WHITE	W-BK WHITE	BLACK
S - SLATE	W-G WHITE	GREEN
P - PURPLE		
 - 3 CONNECTOR VIEWED FROM SOLDER TERMINAL END.
 - 4 STRAP WITH #18 GAUGE WIRE AS INDICATED
 - 5 ONE NETWORK 165027 IS WIRED TO THE DISTRIBUTOR MAGNET ON THE LBXD-6,23. TWO NETWORKS 165027, ONE WIRED TO THE DISTRIBUTOR MAGNET AND ONE TO THE XTR MAGNET, ARE USED ON THE LBXD-7,19,29
 - 6 TERMINALS AJ 24 AND AJ 31 USED ON LBXD 7 FOR DISTRIBUTOR AUXILIARY B CONTACT BY 178957 MODIFICATION KIT.
 - 7 ASTERISK (*) INDICATES 178958 CABLE ASSEMBLY. UNSOLDER THE SPARE BROWN WIRE OF 161349 CABLE FROM TERMINAL 24 OF CONNECTOR AJ ON LBXD 29. INSERT THE UNSOLDERED BROWN WIRE INTO THE TUBING OF THE 178958 CABLE.
 - 8 ASSOCIATED CABLES:
 161349-LBXD 6,7,19,23,29,
 178958-LBXD 29



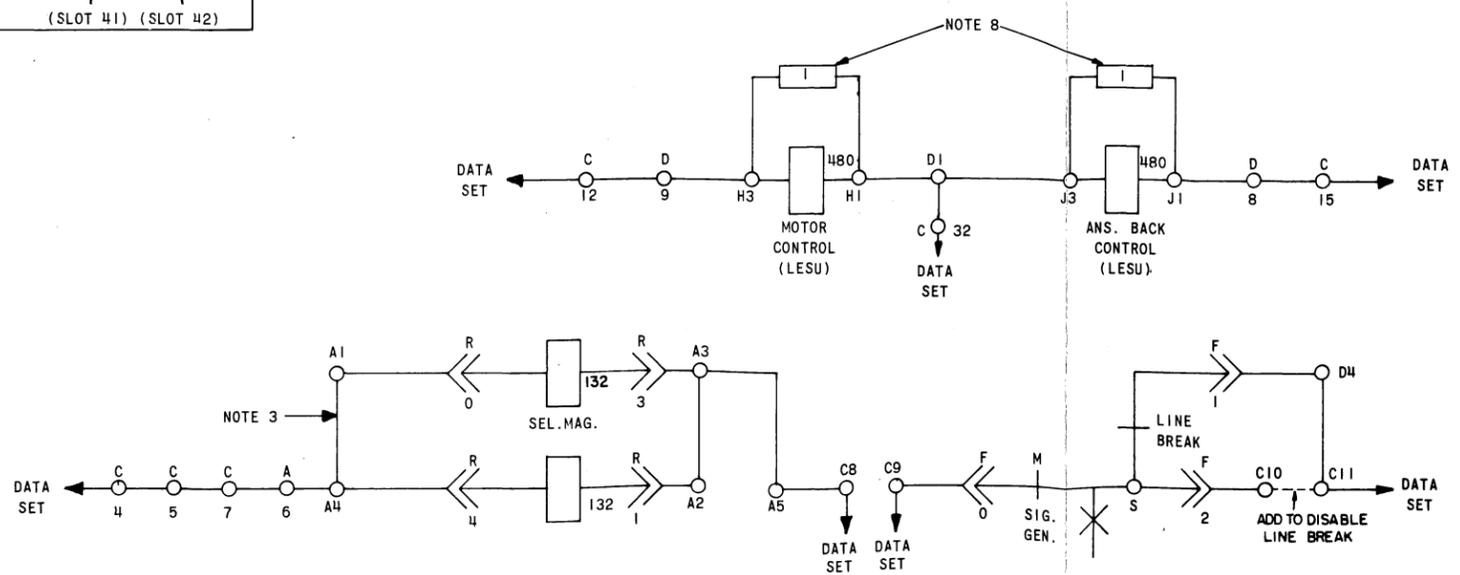
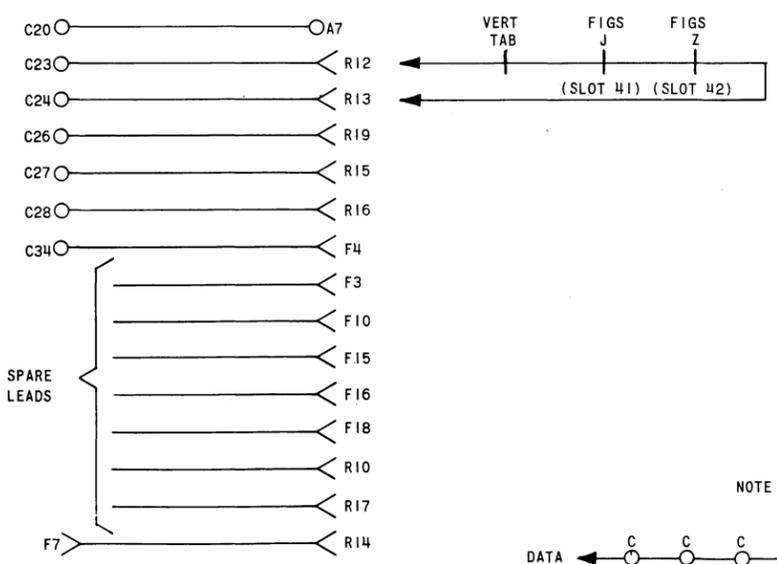
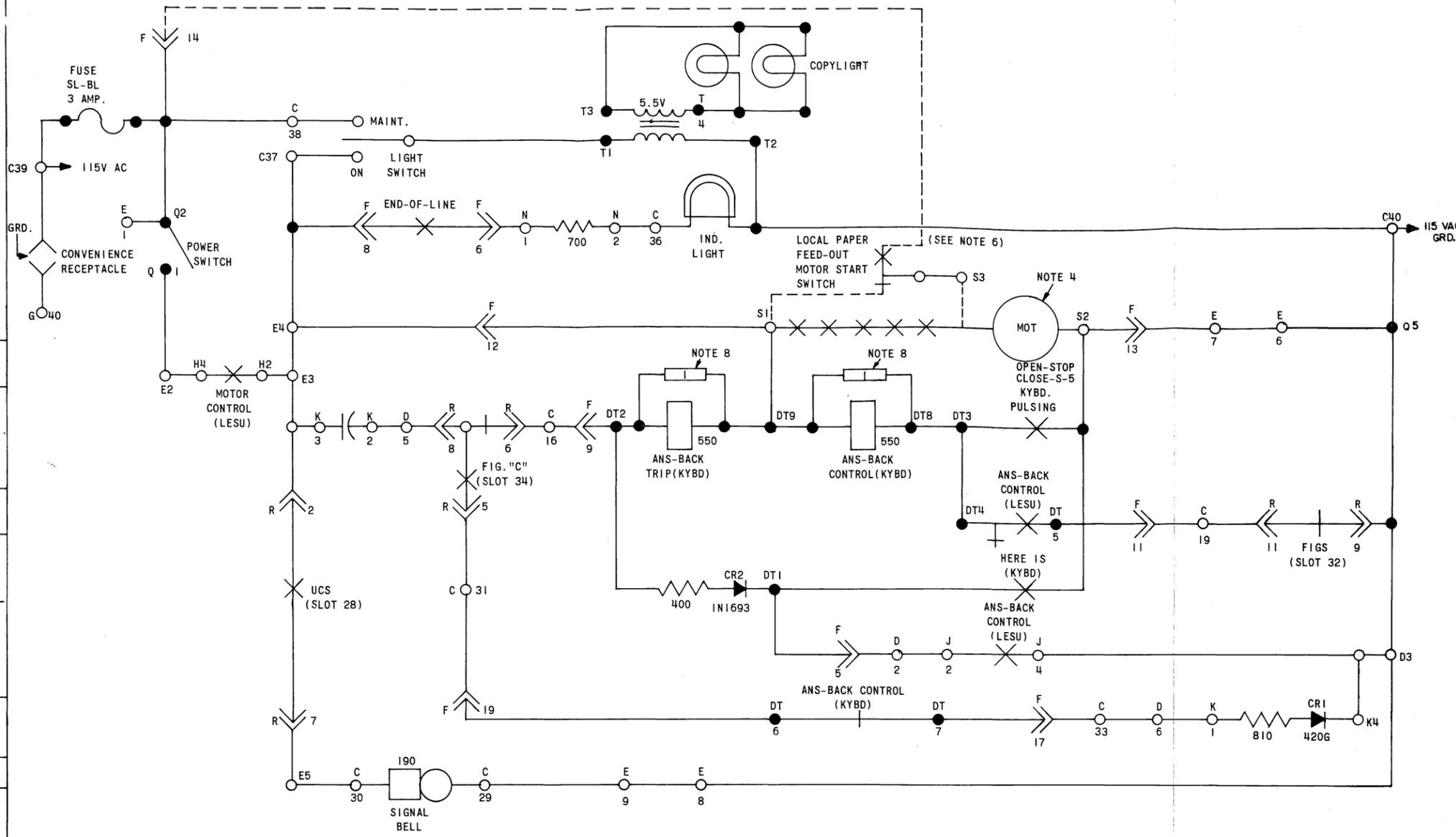
ACTUAL WIRING DIAGRAM FOR LBXD 6, 7, 19, 23, 29

DATE: 4-23-58
 P.D. FILE NO. 3-60/52,654
 DRAWN C.P.S. CHKD. J.K.
 ENGD. W.F.K. APPD. G.W.
 TELETYPE CORPORATION
 3536WD

REVISIONS

ISSUE	DATE	AUTH. NO.
2	2-23-62	72467
3	4-3-62	72972
4	7-31-63	77270
5	11-14-63	78849

- NO. 1. NOTES
- A ● SELECTOR MAGNET TERMINAL BLOCK (LESU)
 - B ● TERMINAL BLOCK (LESU)
 - C ● CABINET TERMINAL BLOCKS (LAC)
 - D ● TERMINAL BLOCK (LESU)
 - E ● TERMINAL BLOCK (LESU)
 - F → KEYBOARD CONNECTOR (LK-LESU)
 - N ● MARGIN IND LAMP RESISTOR (LESU)
 - O ● POWER SWITCH (LESU)
 - R ● TYPING UNIT CONNECTOR (LP-LESU)
 - S ● MOTOR TERMINAL BLOCK (LK)
 - T ● COPY LIGHT TRANSFORMER TERMINALS (LAC)
 - H ● MOTOR CONTROL RELAY (LESU)
 - J ● ANSWER BACK CONTROL RELAY (LESU)
 - K ● CAPACITOR-RESISTOR TERMINALS (LESU)
 - DT ● ANS-BACK CONTROL RELAY (LK)
 - ⊗ NORMALLY OPEN CONTACT (MAKE)
 - ⊕ NORMALLY CLOSED CONTACT (BREAK)
2. ALL APPARATUS IS SHOWN IN UNOPERATED OR DE-ENERGIZED POSITIONS.
3. CIRCUITS SHOWN FOR .060 AMP. NEUTRAL SIGNAL LINE OPERATION FOR .020 AMP. LINE CURRENT, ADD STRAP BETWEEN TERMINALS A-1 & A-2 AND REMOVE CONNECTION BETWEEN TERMINALS A1-A4 & A2-A3
4. USE SYNCHRONOUS MOTOR ON REGULATED 60~ (± 1%) AC POWER ONLY.
5. FOR ACTUAL WIRING DIAGRAMS OF INDIVIDUAL UNITS SEE:
- | WD NO. | UNITS DIRECTLY OPERABLE WITH LESUBO |
|--------|-------------------------------------|
| 3236WD | CABINETS LAC204 |
| 4901WD | ELECTRICAL SERVICE UNIT LESUBO |
| 4906WD | KEYBOARD LK33,46 |
| 2900WD | MOTOR UNITS LMU3 |
| 4905WD | PAGE TYPING UNIT LP106, AHS |
| 4905WD | PAGE TYPING UNIT LP107, AHU |
6. FOR LK46 ADD DASHED (----) CONNECTIONS AND OMIT CONNECTIONS MARKED (—X—) IN MOTOR POWER CIRCUITS.
7. SL-BL INDICATES SLOW BLOWING FUSE.
8. NETWORK VALUES:
- | | | |
|--------|-----|---------|
| | | |
| 153631 | 470 | 0.11 uF |
9. RESISTANCE, VALUES IN OHMS, INDUCTANCE VALUES IN MICROHENRIES, CAPACITANCE VALUES IN MICROFARADS.



SCHEMATIC WIRING DIAGRAM FOR MODEL 28 PAGE PRINTER SET WITH FACILITIES PROVIDED BY ELECTRIC SERVICE UNIT LESUBO DIAL TWX STATION

APPROVALS

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

PROD. NO. 4900WD

DATE 1-19-62

P.D. FILE NO. 5-A100.AA

DRAWN T.F.G. CHKD. R.H.H.

ENGD. T.D.C. APPD. T.I.P.

TELETYPE CORPORATION

4900 WD