

28 KEYBOARD SEND-RECEIVE (KSR) AND
RECEIVE-ONLY (RO) TELETYPEWRITER SETS
FOR U. S. NAVY
COMPONENT WIRING DIAGRAMS

1. GENERAL

1.01 This section contains schematic and/or actual wiring diagrams for the component units of the Keyboard Send-Receive and Receive-Only Teletypewriter Sets listed in Section 573-100-000TC.

1.02 An overall typical schematic wiring diagram of a set is included in the description Section 573-100-100TC.

Note: Wiring diagram numbers are followed with suffix A or S to designate actual or schematic. The numbers are arranged numerically in the section but not in the diagram index.

2. WIRING DIAGRAM INDEX

SUBJECT	NAVY DESIGNATION	DESIGNATION OF MANUFACTURER	WIRING DIAGRAM NUMBER	ISSUE
ELECTRICAL SERVICE UNIT	SB-154A/UG	LESU5/103	2852WD-A	D
			2853WD-S	D
	SB-408/UG	LESU6/119	2870WD-A	F
			2871WD-S	7
	SB-964/UG	LESU7/147	2892WD-A	5
			2893WD-S	10
RECEIVE-ONLY BASE	MT-1443/UG	LB4/161	2883WD-A	23
	MT-2787/UG	LB29/000	2883WD-A	23
MOTOR UNITS	PD-17A/U	LMU 3	2900WD-A	42
	PD-18/U	LMU 4	2900WD-A	42
	PD-18A/U	LMU 41	2900WD-A	42
	PD-96/UG	LMU 21	2900WD-A	42
	PD-97/UG	LMU 28	2900WD-A	42
	PD-108/U	LMU 38	2900WD-A	42
	PD-109/UG	LMU 52	2900WD-A	42
KEYBOARD	MX-1114B/UG	LK4RN126	CANCELLED	
	MX-1114C/UG	LK10ARN	2928WD-A	20
	MX-1421A/UG	LK3RE101	CANCELLED	
	MX1677A/UG	LK8ARN	2928WD-A	20
	TT357/UG	LK30ARN	4718WD-A	6
	TT-385/UG	LK36ARN	4718WD-A	6
	TT-387/UG	LK49ARN	6462WD-A	4
	TT388/UG	LK35ARN	4718WD-A	6
	TT389/UG	LK35ARE	4718WD-A	6
	TT-417/FG	LK39ARN	2928WD-A	20
	TT-434/UG	LK48ARN	4718WD-A	6
TT-435/UG	LK10ARE	2928WD-A	20	

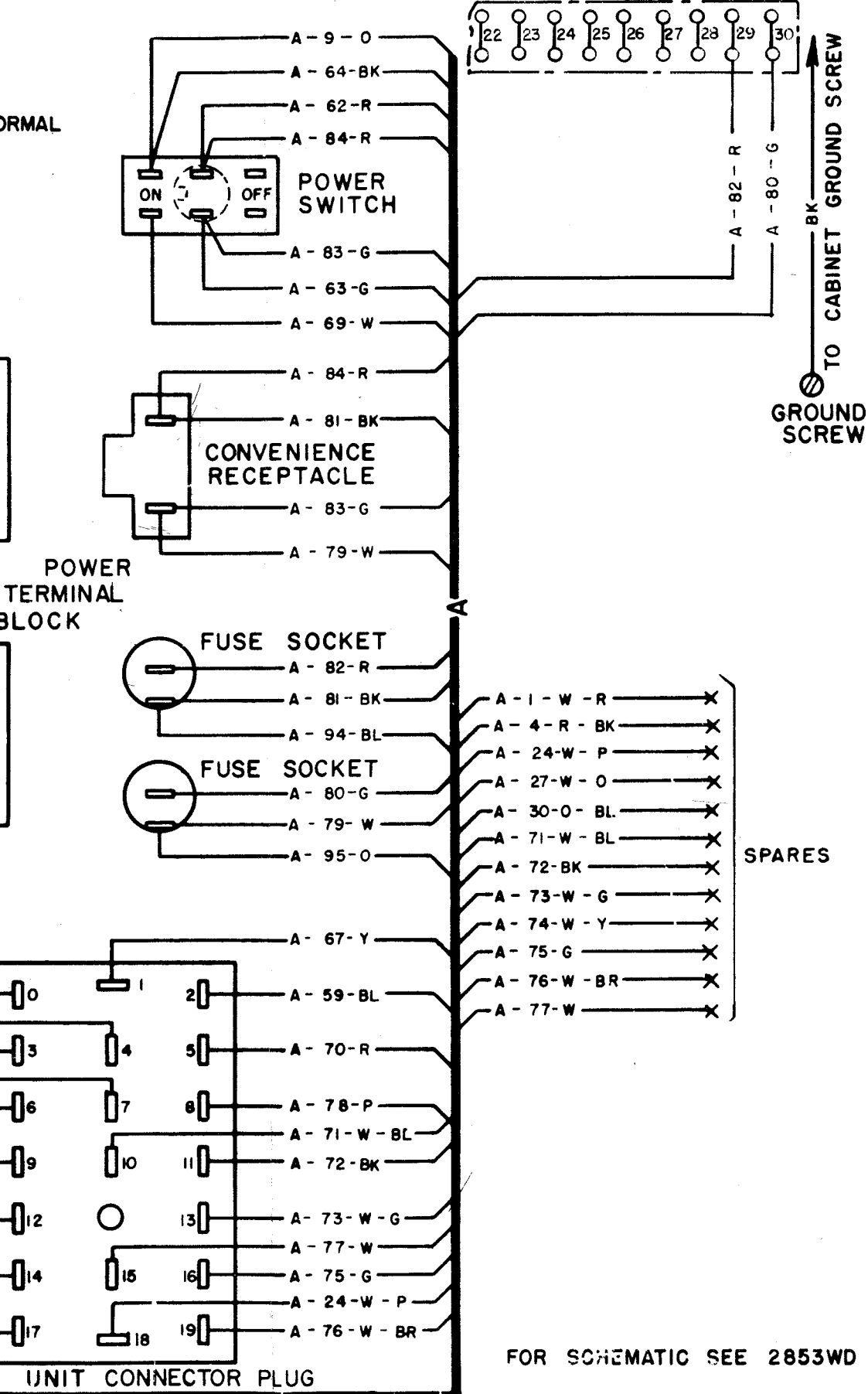
SECTION 573-100-400TC

2. WIRING DIAGRAM INDEX continued

SUBJECT	NAVY DESIGNATION	DESIGNATION OF MANUFACTURER	WIRING DIAGRAM NUMBER	ISSUE
KEYBOARD	TT-442/UG	LK49ARE	6462WD-A	4
	TT-498/UG	LK48ARE	4718WD-A	6
	TT-500/UG	LK51ARN	4262WD-A	8
			4763WD-A	C
TYPING UNITS	MX-1115B/UG	LP14RN/AY	3214WD-A	44
	MX-1422A/UG	LP14RE/AY	3214WD-A	44
	MX-2984/UG	LP14RN/AGH	3813WD-A	D
	MX-3080/UG	LP65RN/AGB	3214WD-A	44
	TT-358/UG	LP105RN/AGB	3214WD-A	44
	TT-372/UG	LP108 RN/AY	3214WD-A	44
	TT-378/UG	LP108 RE/ACX	3214WD-A	44
	TT-386/UG	LP109RN/AY	3214WD-A	44
	TT-418/UG	LP113RN/AY	3214WD-A	44
	TT-436/UG	LP14RN/AJE	3813WD-A	D
	TT-437/UG	LP14RN/AJG	3214WD-A	44
	TT-438/UG	LP65RN/AJD	3214WD-A	44
	TT-443/UG	LP14RE/AJF	3214WD-A	44
	TT-499/UG	LP65RE/AGD	3214WD-A	44
PRINTER CABINET	CY-2320/SGA-3	LAC 207	3490WD-A	5
	CY-2538/UG	LAC 204	2876WD-A	L
				3236WD-A
	CY-2539/UG	LAC 203	2876WD-A	L
			3236WD-A	10
CABINETS	CY-3689/FGC-74	LBAC 241	4946WD-A	C4
			4947WD-S	B
	CY-4166/FGC-79	LBAC 248	4948WD-A	7
			4946WD-A	C4
			4947WD-S	B
	CY-4786/FGC-74A	LBAC 261	4948WD-A	7
			7531WD-A	2
			7532WD-S	2
CY-4787/FGC-100	LBAC 264	7533WD-A	3	
		7808WD-A	1-2&2-1	
		7809WD-S	1-2&2-2	
RECTIFIERS			5167WD-A	C
			5762WD-A	5
			7810WD-A&S	3
BASE			7556WD-A	2
ELECTRICAL SERVICE UNIT			7807WD-A	1
SELECTOR MAGNET DRIVER			7488WD-A	2
			7489WD-S	1
COVER	CW-354/UG	LPC202	5831WD-A	A

ORMAL

CABINET TERMINAL BLOCK



REVISIONS :

A	2-2-64	28-4078
B	3-16-64	68761#6
C	3-28-62	69768-10
D	2-21-64	79691

2852WD
3-9-53

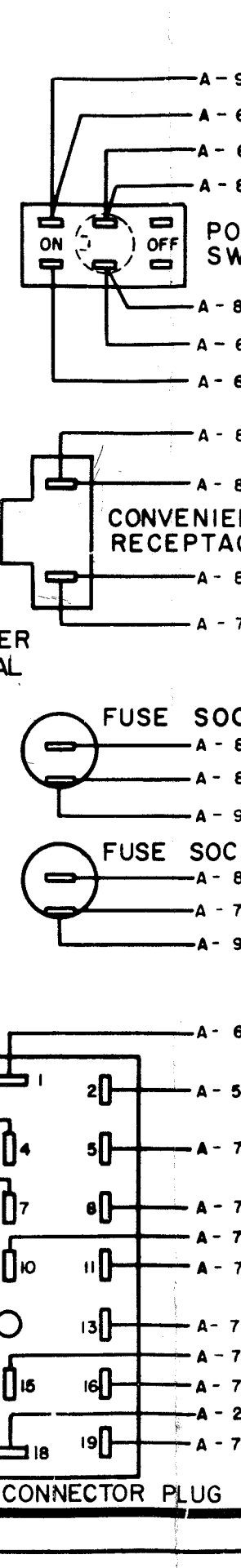
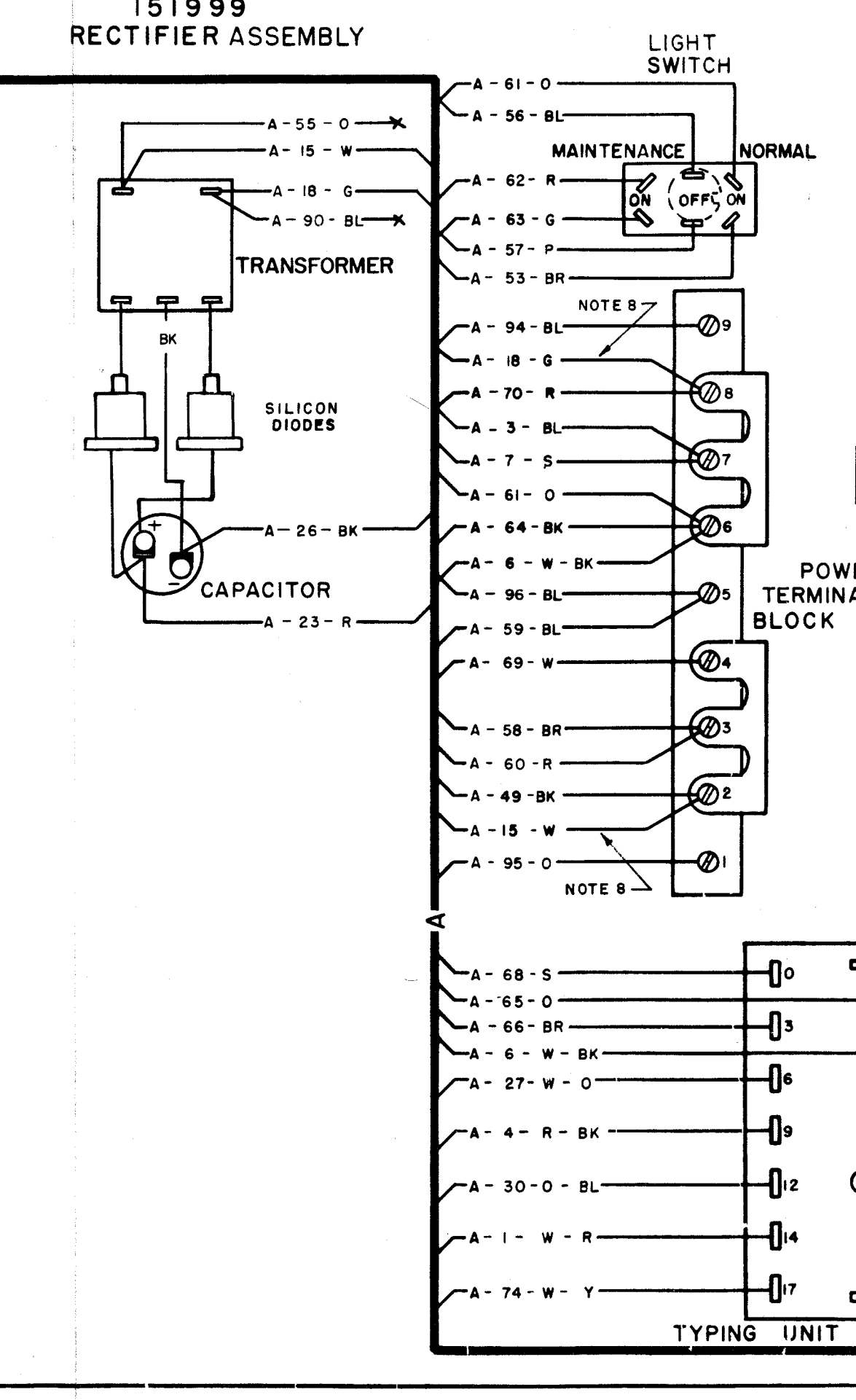
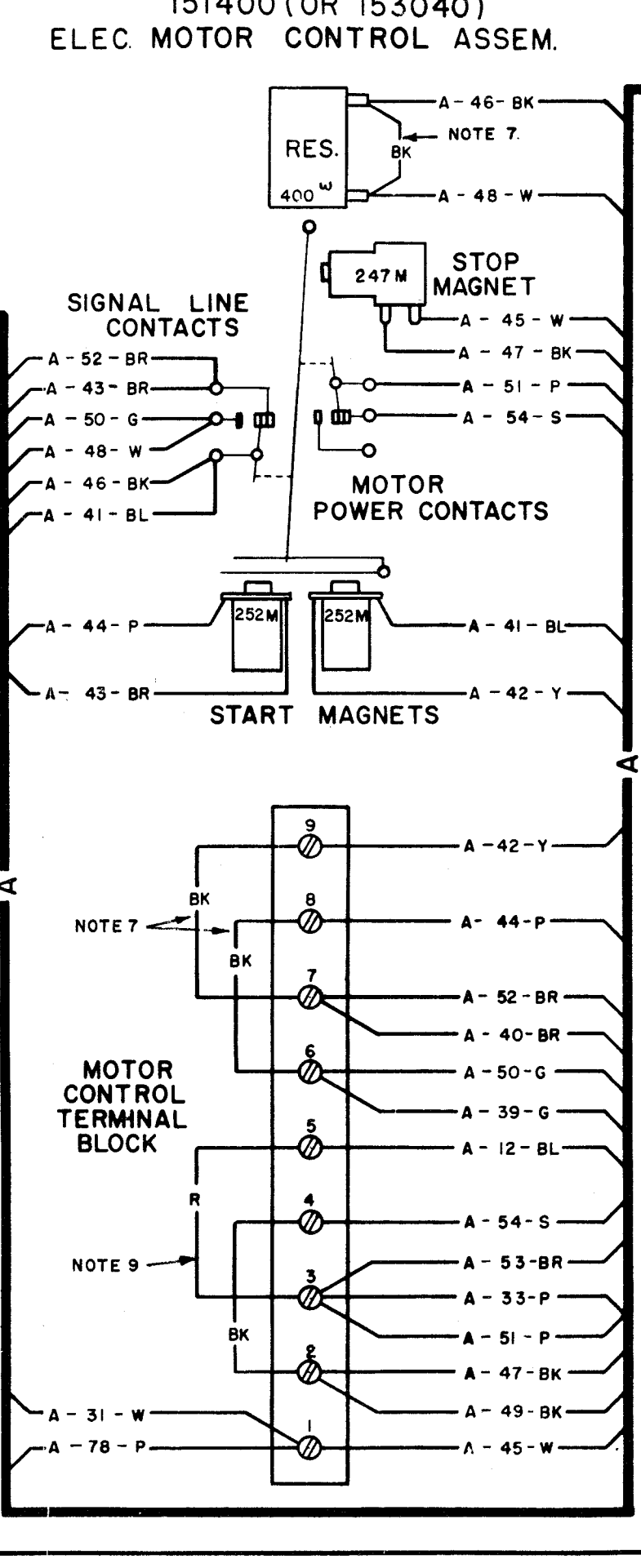
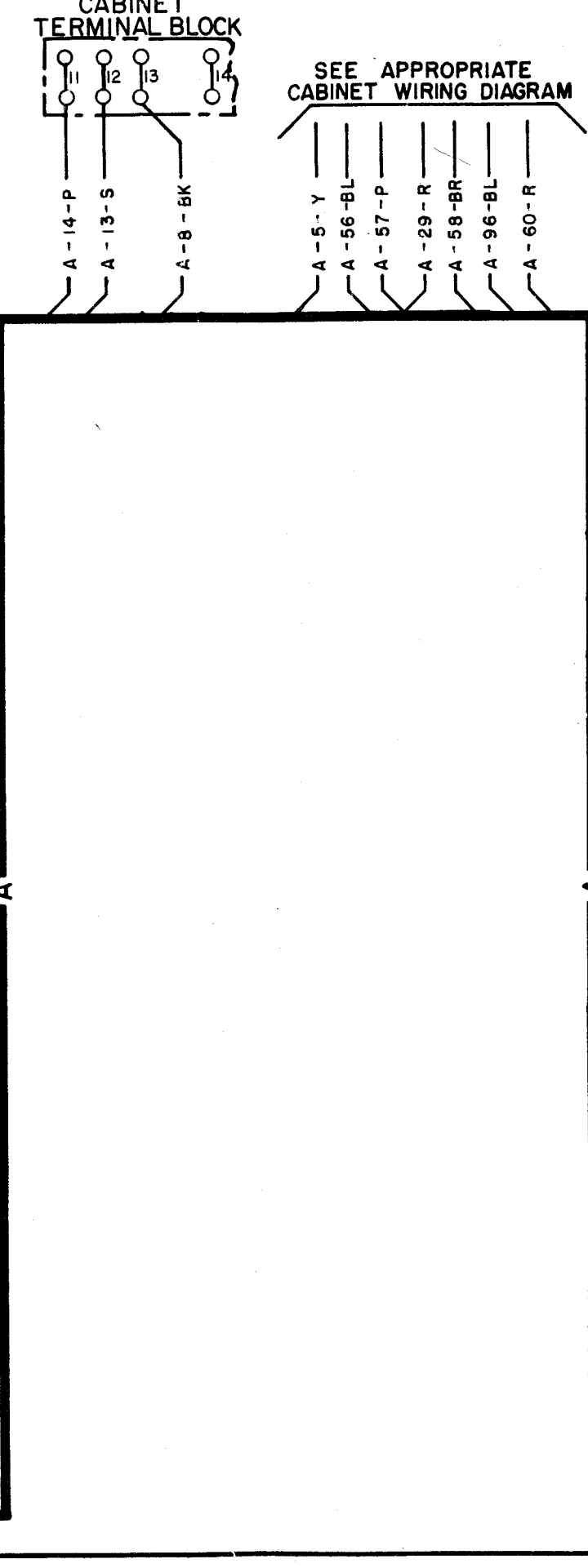
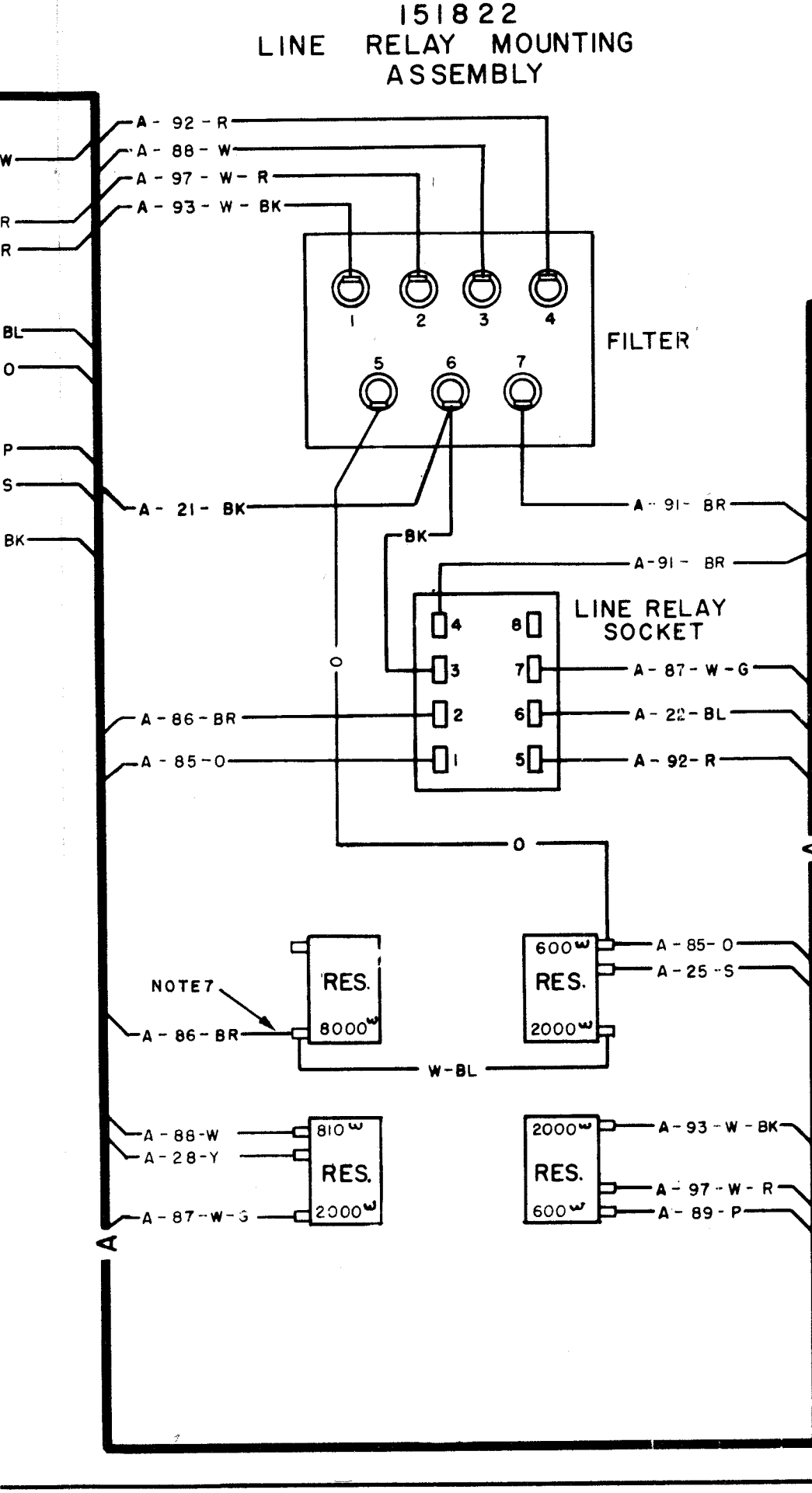
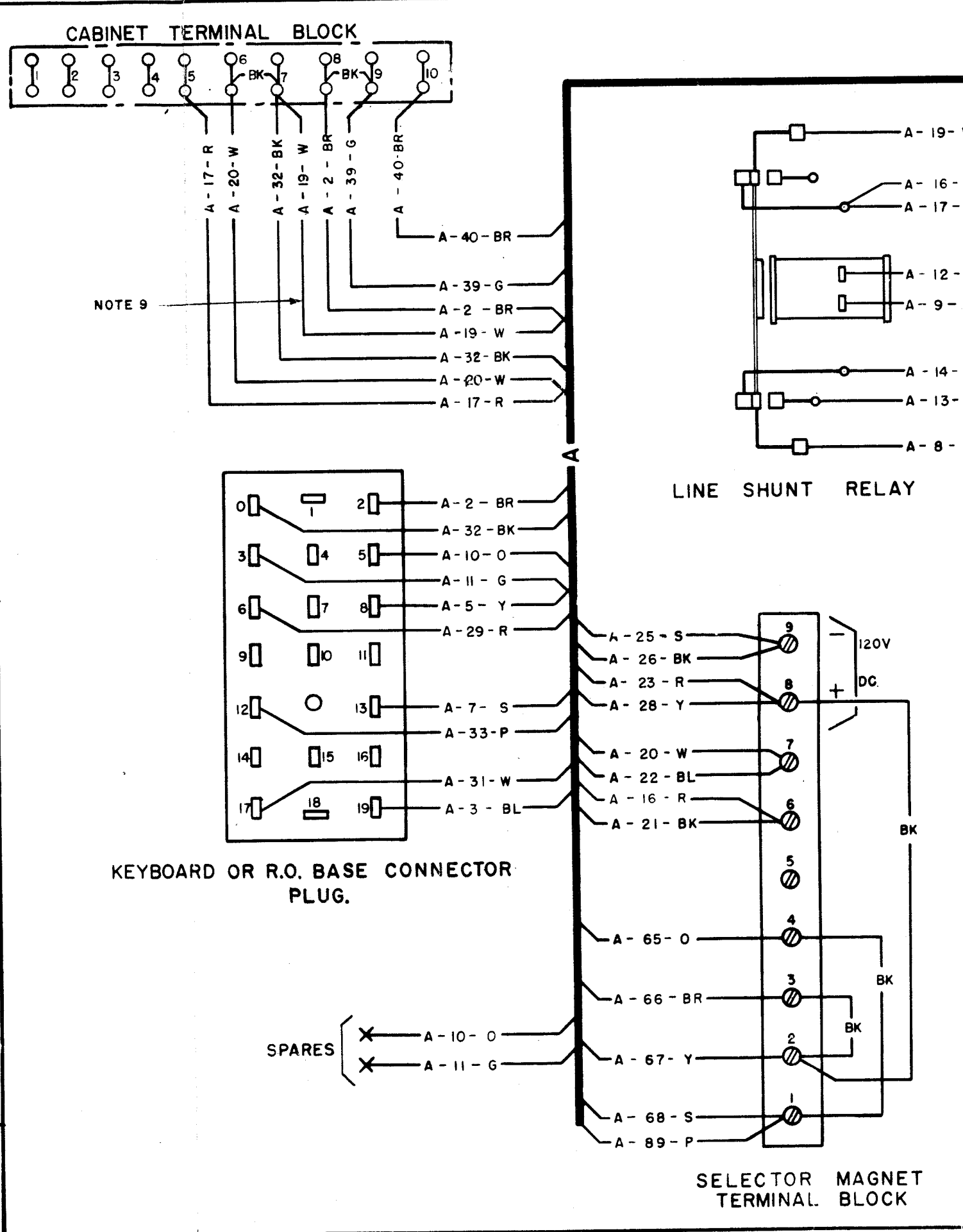
ACTUAL
WIRING DIAGRAM
MODEL 28
ELECTRICAL
SERVICE UNIT
LESU5/110

DRAWN: ADW	APPROVED:
ENG'D: AZP	
CHECKED:	
FILE: 1-30.65.156A	

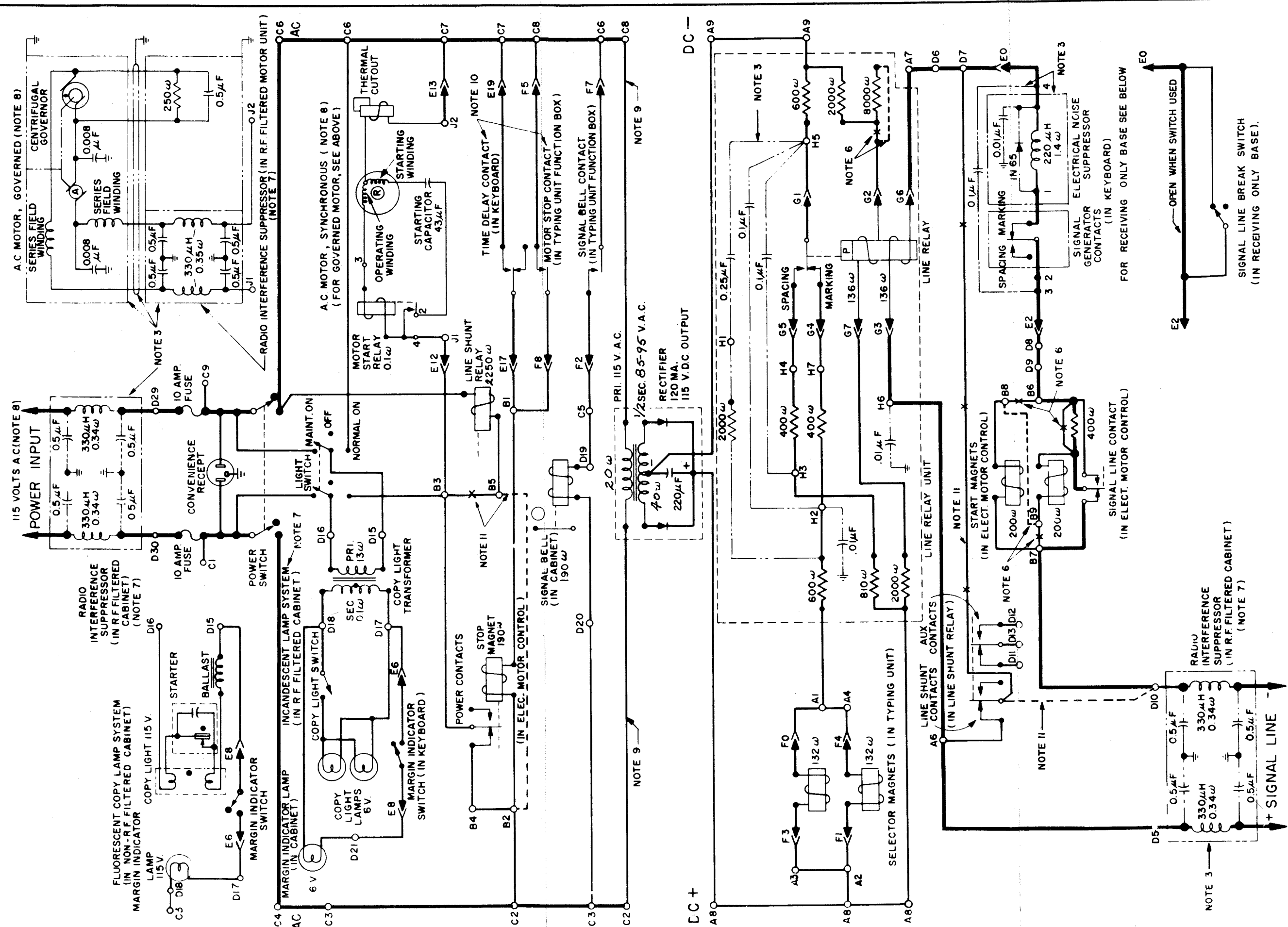
TELETYPE CORPORATION

FOR SCHEMATIC SEE 2853WD

- NO. 1. NOTES**
 WIRING CHANNEL DESIGNATED "A" DOES NOT REPRESENT CABLE, BUT ASSISTS IN TRACING CONNECTIONS.
- 2. CHANNEL LEGEND:**
 CHANNEL IDENTIFICATION
 CHANNEL WIRE NUMBER
 WIRE COLOR CODE
- 3. POWER CIRCUITS WIRED FOR 115V.50-60~ A.C. OPERATION ONLY, EXCEPT AS SHOWN.**
- 4. COLOR CODE:**
- | | |
|------------|------------------------|
| BK - BLACK | R - BK - RED - BLACK |
| W - WHITE | W - P - WHITE - PURPLE |
| R - RED | W - R - WHITE - RED |
| G - GREEN | O - BL - ORANGE - BLUE |
| O - ORANGE | W - BK - WHITE - BLACK |
| BL - BLUE | W - BL - WHITE - BLUE |
| Y - YELLOW | W - BR - WHITE - BROWN |
| BR - BROWN | W - G - WHITE - GREEN |
| P - PURPLE | W - Y - WHITE - YELLOW |
| S - SLATE | W - O - WHITE - ORANGE |
- 5. X DENOTES TAPED OR SPLICED AND TAPED WIRES.**
- 6. PLUGS VIEWED FROM SOLDER TERMINAL ENDS.**
- 7. WIRING IS SHOWN FOR OPERATION AT .060 AMP LINE CURRENT. FOR OPERATION AT .020 AMP LINE CURRENT MAKE THE FOLLOWING CHANGES:**
 a. ON LINE RELAY MOUNTING ASSEMBLY; MOVE A-86-BR FROM ITS PRESENT POSITION ON THE 8000 OHM RESISTOR TO THE OPEN TERMINAL ON THE SAME RESISTOR.
 b. ON MOTOR CONTROL TERMINAL BLOCK REMOVE BK STRAP BETWEEN TERMS 7 & 9. REMOVE END OF STRAP FROM TERMINAL 6 & CONNECT TO TERMINAL 9
 c. ON MOTOR CONTROL ASSEM. RESISTOR, REMOVE BK STRAP.
- 8. FOR CONTINUOUS RECTIFIER OPERATION:**
 a. ON POWER TERMINAL BLOCK REMOVE A-18-G FROM TERMINAL 8 AND ATTACH TO TERMINAL 9.
 b. REMOVE A-15-W FROM TERMINAL 2 AND ATTACH TO TERMINAL 1.
- 9. FOR COMPLETE SHUNTING OF LINE AND CONTROL OF LINE SHUNT RELAY ONLY FROM POWER SWITCH, MAKE THE FOLLOWING CHANGES:**
 a. ON MOTOR CONTROL TERMINAL BLOCK, MOVE LOWER END OF R STRAP FROM TERMINAL 3 TO TERMINAL 2.
 b. ON CABINET TERMINAL BLOCK, REMOVE A-19-W FROM TERMINAL 7 AND CONNECT TO TERMINAL 2.



NO	NOTES
	FOR ACTUAL WIRING DIAGRAM, SEE 2852 WD. ALSO SEE
	WD NUMBER FOR CODED UNITS
2856 WD	LAC 200,201,202,203 CABINETS (R.F. FILTERED)
2858 WD	LAC 200,201,202,203 CABINETS (NON-RF FILTERED)
2862 WD	LK 3 KEYBOARD, LB 3 REC. ONLY BASE
2864 WD	LP 3 TYPING UNIT
2900 WD	LMU 3 MOTOR UNIT (A.C. SYN.)
2900 WD	LMU 4 MOTOR UNIT (A.C. GOV. R.F. FILTERED)
2900 WD	LMU 6 MOTOR UNIT (A.C. GOV. NON-R.F. FILTERED)
2	LEGEND
○ A	SELECTOR MAGNET TERMINAL BLOCK (IN LESU)
○ B	MOTOR CONTROL TERMINAL BLOCK (IN LESU)
○ C	POWER TERMINAL BLOCK (IN LESU)
○ D	CABINET TERMINAL BLOCK
▲ E	KEYBOARD OR REC. ONLY BASE CONNECTOR
▲ F	TYPING UNIT CONNECTOR
▲ G	LINE RELAY CONNECTOR (IN LESU)
▲ H	LINE RELAY FILTER (IN LESU)
○ J	MOTOR TERMINAL BLOCK (IN LK OR LB)
3	DOT DASH ——— LINES INDICATE FILTERING, SHIELDING AND SUPPRESSION NETWORKS.
4	ALL APPARATUS IS SHOWN IN UNOPERATED OR DE-ENERGIZED POSITION
5	a. RESISTANCE VALUES IN OHMS (ω) b. INDUCTANCE VALUES IN MICROHENRIES (μH) c. CAPACITANCE VALUES IN MICROFARADS (μF)
6	CIRCUITS SHOWN FOR .060 AMP. NEUTRAL SIGNAL LINE OPERATION. FOR .020 AMP. LINE CURRENT, ADD DASHED (---) CONNECTIONS AND OMIT CONNECTIONS MARKED (—X—)
7	USE INCANDESCENT LAMP SYSTEM, POWER & SIGNAL LINE SUPPRESSORS, AND SYNC. OR GOV-FILT., MOTOR FOR INSTALLATIONS REQUIRING MINIMUM R.F. INTERFERENCE.
8	USE SYNCHRONOUS MOTOR ON REGULATED 60~ ($\pm 1\%$) A.C. POWER ONLY. GOVERNED MOTORS AND OTHER POWER CIRCUITS OPERABLE ON 50 TO 60~ UNREGULATED A.C.
9	RECTIFIER SHOWN CONTROLLED BY POWER SWITCH. FOR CONTINUOUS OPERATION, MOVE PRIMARY (INPUT) LEADS FROM C2 & C8 TO C1 & C9 (ABOVE POWER SW)
10	SET MUST BE EQUIPPED WITH EITHER: a. TIME DELAY MECH., OR b. MOTOR STOP CONTACTS.
11	LINE SHUNT RELAY SHOWN CONTROLLED BY MOTOR CONTROL CONTACTS. FOR DIRECT CONTROL FROM POWER SWITCH, AND COMPLETE SHUNTING OF SIGNAL LINE, ADD DASHED (---) CONNECTIONS AND OMIT CONNECTIONS MARKED (—X—)



REVISIONS		
A	11-18-54	28-4650
B	2-3-55	28-4972
C	3-29-61	68761-16
D	3-28-62	69768-10

2853WD
2-9-54

SCHEMATIC WIRING DIAGRAM
ELECTRICAL SERVICE UNIT
LESU 5/110 P
ASSOCIATED MODE APPARATUS

INCLUDES:
ELEC MOTOR CONTROL
LINE RELAY
RELIABLE LOCAL CIRCUIT SUPPLY

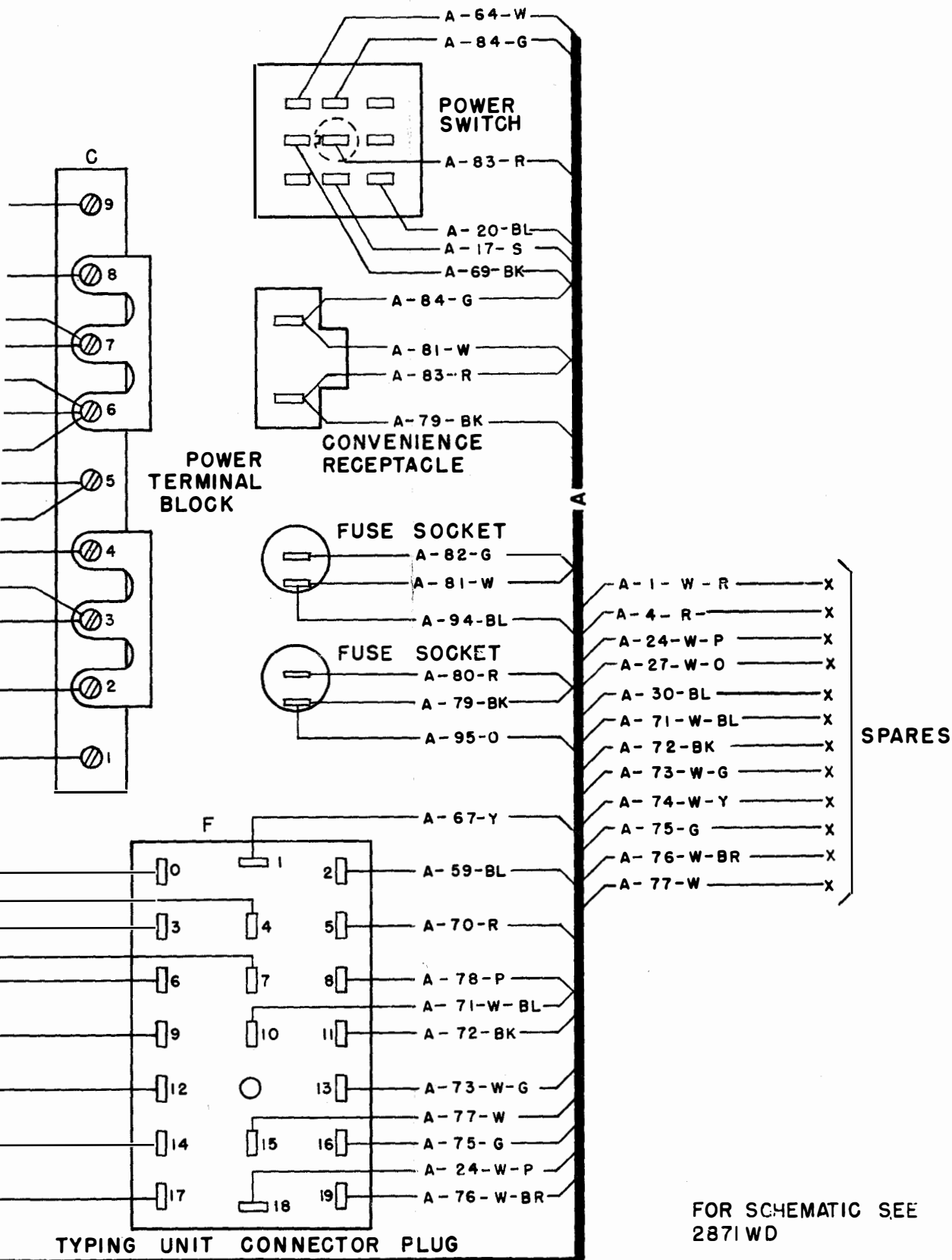
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ENGR'D: V.A.C.
CHECKED: *Ros*
FILE: 1-30.65.156A

TELETYPE CORPORATION

2870 WD

REVISIONS

ISSUE	DATE	AUTH NO
A	4-28-54	28-4242
B	6-2-54	28-4281
C	12-19-61	71910
D	3-28-62	69768-10
E	9-6-62	74429
F	10-16-62	74813



FOR SCHEMATIC SEE
2871 WD

TELETYPE
CORPORATION

ACTUAL
WIRING DIAGRAM
FOR ELECTRICAL
SERVICE UNIT
LESUG/110

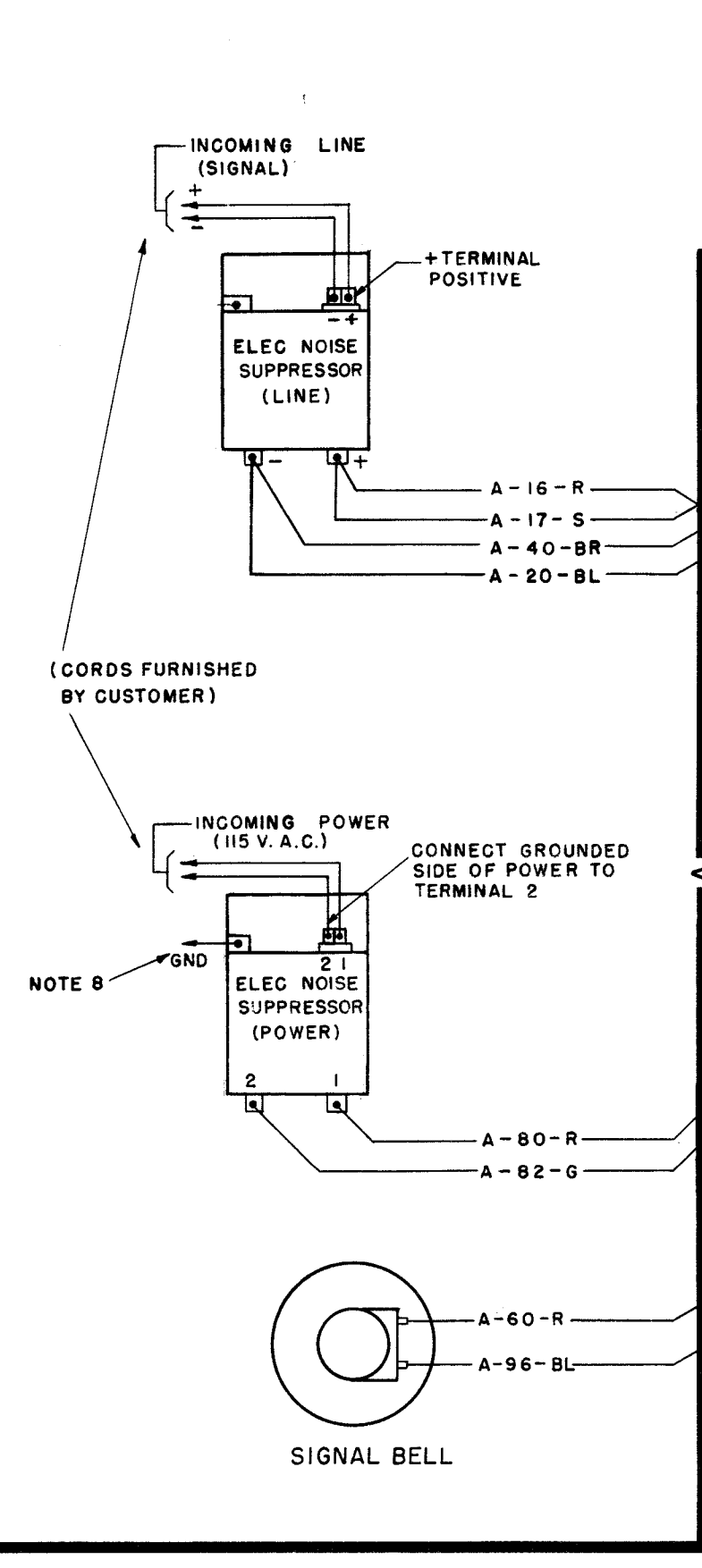
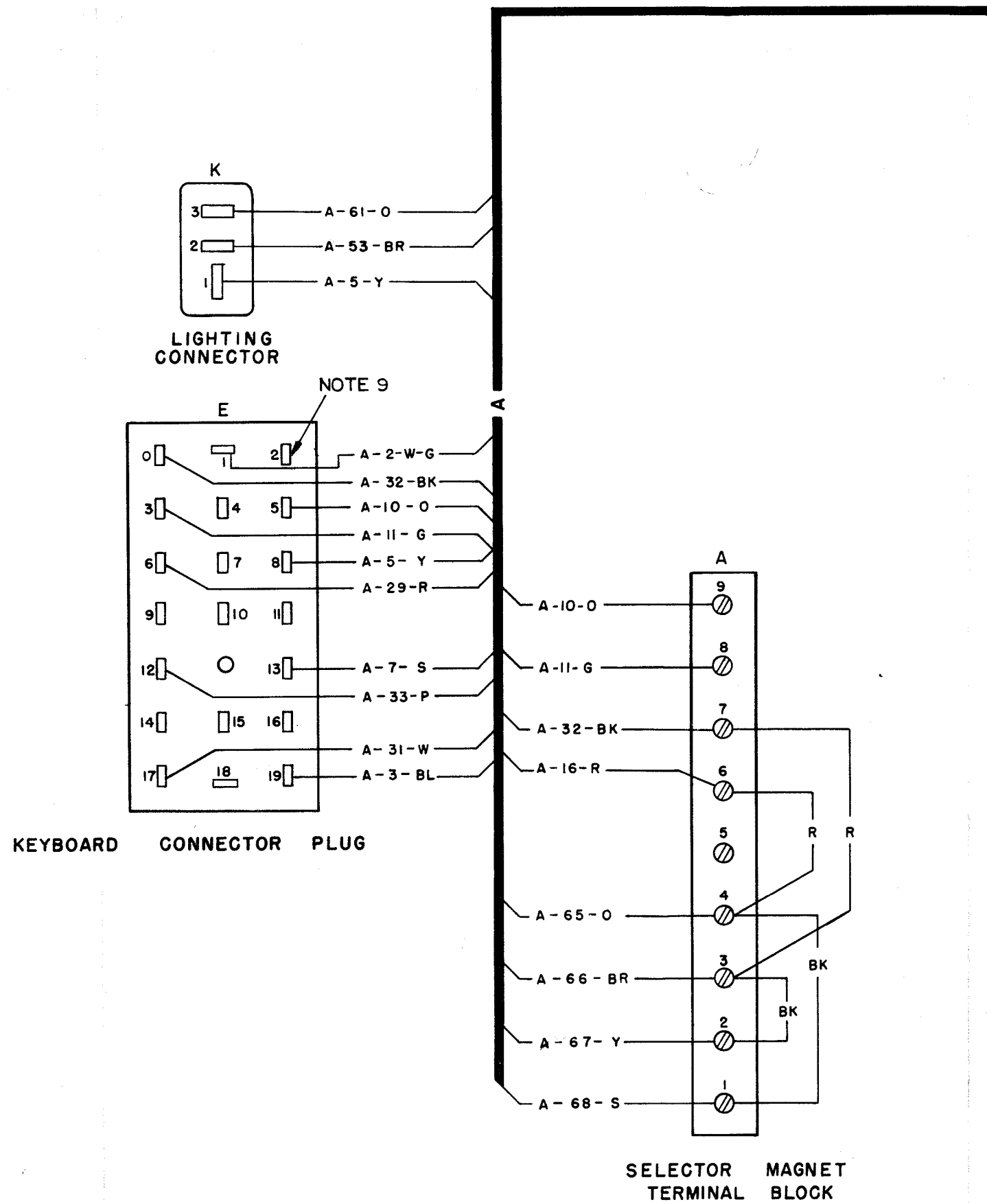
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DRAWN J.K. ENGD. A.Z.P.

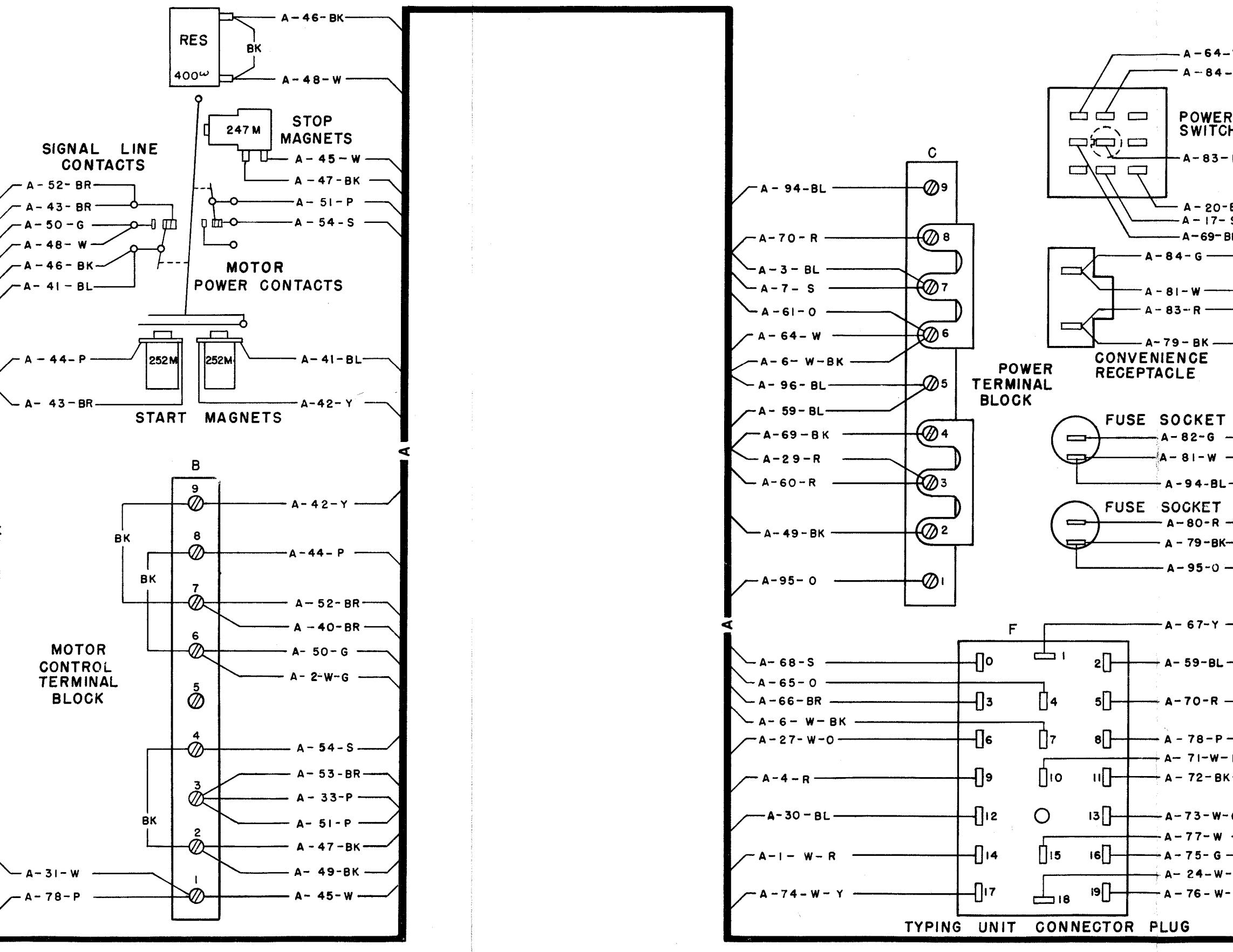
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2870 WD

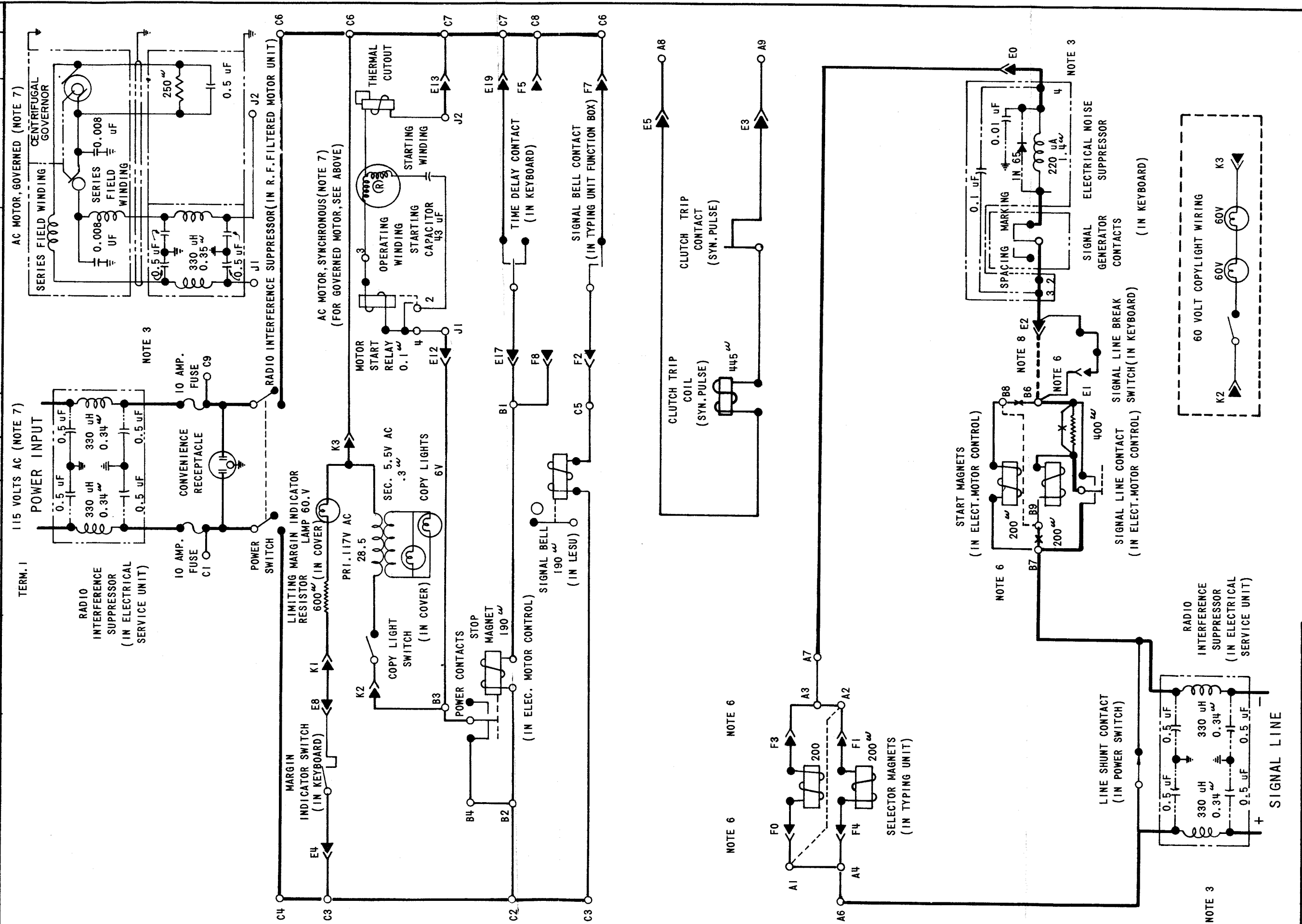
NO	NOTES																				
1.	WIRING CHANNEL DESIGNATED "A" DOES NOT REPRESENT CABLE, BUT ASSISTS IN TRACING CONNECTIONS.																				
2.	<p>CHANNEL LEGEND</p>																				
3.	POWER CIRCUITS WIRED FOR 115V. A.C. OPERATION ONLY																				
4.	<p>COLOR CODE:</p> <table border="0"> <tr> <td>BK - BLACK</td> <td>R - BK - RED - BLACK</td> </tr> <tr> <td>W - WHITE</td> <td>W - P - WHITE - PURPLE</td> </tr> <tr> <td>R - RED</td> <td>W - R - WHITE - RED</td> </tr> <tr> <td>G - GREEN</td> <td>O - BL - ORANGE - BLUE</td> </tr> <tr> <td>O - ORANGE</td> <td>W - BK - WHITE - BLACK</td> </tr> <tr> <td>BL - BLUE</td> <td>W - BL - WHITE - BLUE</td> </tr> <tr> <td>Y - YELLOW</td> <td>W - BR - WHITE - BROWN</td> </tr> <tr> <td>BR - BROWN</td> <td>W - G - WHITE - GREEN</td> </tr> <tr> <td>P - PURPLE</td> <td>W - Y - WHITE - YELLOW</td> </tr> <tr> <td>S - SLATE</td> <td>W - O - WHITE - ORANGE</td> </tr> </table>	BK - BLACK	R - BK - RED - BLACK	W - WHITE	W - P - WHITE - PURPLE	R - RED	W - R - WHITE - RED	G - GREEN	O - BL - ORANGE - BLUE	O - ORANGE	W - BK - WHITE - BLACK	BL - BLUE	W - BL - WHITE - BLUE	Y - YELLOW	W - BR - WHITE - BROWN	BR - BROWN	W - G - WHITE - GREEN	P - PURPLE	W - Y - WHITE - YELLOW	S - SLATE	W - O - WHITE - ORANGE
BK - BLACK	R - BK - RED - BLACK																				
W - WHITE	W - P - WHITE - PURPLE																				
R - RED	W - R - WHITE - RED																				
G - GREEN	O - BL - ORANGE - BLUE																				
O - ORANGE	W - BK - WHITE - BLACK																				
BL - BLUE	W - BL - WHITE - BLUE																				
Y - YELLOW	W - BR - WHITE - BROWN																				
BR - BROWN	W - G - WHITE - GREEN																				
P - PURPLE	W - Y - WHITE - YELLOW																				
S - SLATE	W - O - WHITE - ORANGE																				
5.	X DENOTES TAPED OR SPLICED AND TAPED WIRES.																				
6.	PLUGS VIEWED FROM SOLDER TERMINAL ENDS																				
7.	<p>WIRING IS SHOWN FOR OPERATION AT .060 AMP LINE CURRENT. FOR OPERATION AT .020 AMP LINE CURRENT MAKE THE FOLLOWING CHANGES.</p> <p>(A) ON MOTOR CONTROL TERMINAL BLOCK REMOVE END OF BK STRAP FROM TERMINAL 7 AND CONNECT TO TERMINAL 8, REMOVE END OF OTHER BK STRAP FROM TERMINAL 6 AND CONNECT TO TERMINAL 9.</p> <p>(B) ON MOTOR CONTROL ASSEM. RESISTOR, REMOVE BK STRAP.</p> <p>(C) ON SELECTOR MAGNET TERMINAL BLOCK, MOVE UPPER END OF OUTER BLACK STRAP FROM 4 TO TERMINAL 2. MOVE UPPER END OF INNER BLACK STRAP FROM TERMINAL 3 TO TERMINAL 1.</p>																				
8.	SET MUST BE GROUNDED THROUGH THE SCREW PROVIDED IN THE ELECT. NOISE SUPPRESSOR PRIOR TO BEING OPERATED.																				
9.	WHEN ASSOCIATED KEYBOARD HAS MECHANICAL SIGNAL LINE, BREAK MOVE W-G WIRE FROM E1 TO E2																				



153040 OR 151400
ELEC. MOTOR CONTROL ASSEMBLY



- NO. NOTES
- FOR ACTUAL WIRING DIAGRAM, SEE 2870WD. ALSO SEE
 WD NO. FOR CODE UNITS
 4718WD LK30, -35, -36, -48
 2872WD LPC203 COVER
 2862WD LK3&4 KEYBOARD
 2864WD LP3&4 TYPING UNIT
 2900WD LMU3 MOTOR UNIT (AC SYN.)
 2900WD LMU4 MOTOR UNIT (AC GOV.R.F.FILTERED)
 2900WD LMU6 MOTOR UNIT (AC GOV.NON-R.F.FILTERED)
 5831WD LPC202 COVER
 - LEGEND:
 A SELECTOR MAGNET TERMINAL BLOCK (IN LESU)
 B MOTOR CONTROL TERMINAL BLOCK (IN LESU)
 C POWER TERMINAL BLOCK (IN LESU)
 D CABINET TERMINAL BLOCK
 E KEYBOARD CONNECTOR
 F TYPING UNIT CONNECTOR
 J MOTOR TERMINAL BLOCK (IN LK)
 K LIGHTING CONNECTOR (IN COVER)
 - DOT DASH LINES INDICATE FILTERING SHIELDING AND SUPPRESSION NETWORKS.
 - ALL APPARATUS IS SHOWN UNOPERATED OR IN DE-ENERGIZED POSITION.
 - a. RESISTANCE VALUES IN OHMS (ω)
 b. INDUCTANCE VALUES IN MICROHENRIES (μH)
 c. CAPACITANCE VALUES IN MICROFARADS (μF)
 - CIRCUITS SHOWN FOR .060 AMP. NEUTRAL SIGNAL LINE OPERATION, FOR .020 AMP. LINE CURRENT, ADD DASHED (---) CONNECTIONS AND OMIT CONNECTIONS MARKED (X)
 - USE SYNCHRONOUS MOTOR ON REGULATED 60 (+ 1%) AC POWER ONLY. GOVERNED MOTORS AND OTHER POWER CIRCUITS OPERABLE ON 50 TO 60 UNREGULATED AC.
 - ON UNITS EQUIPPED WITH MECHANICAL SIGNAL LINE BREAK, MOVE WIRE AT E1 TO E2.



REVISIONS		
2	2-3-55	28-4972
3	12-14-61	71910
4	3-28-62	69768-10
5	8-21-62	74293
6	10-16-62	74813
7	9-23-65	84561

2871 WD
4-1-54

SCHEMATIC
WIRING DIAGRAM
ELECTRICAL
SERVICE UNIT
LESU6/119 &
ASSOCIATED MODEL 28
APPARATUS

INCLUDES:
ELEC. MOTOR CONTROL
FILTER & BELL ASSEM.

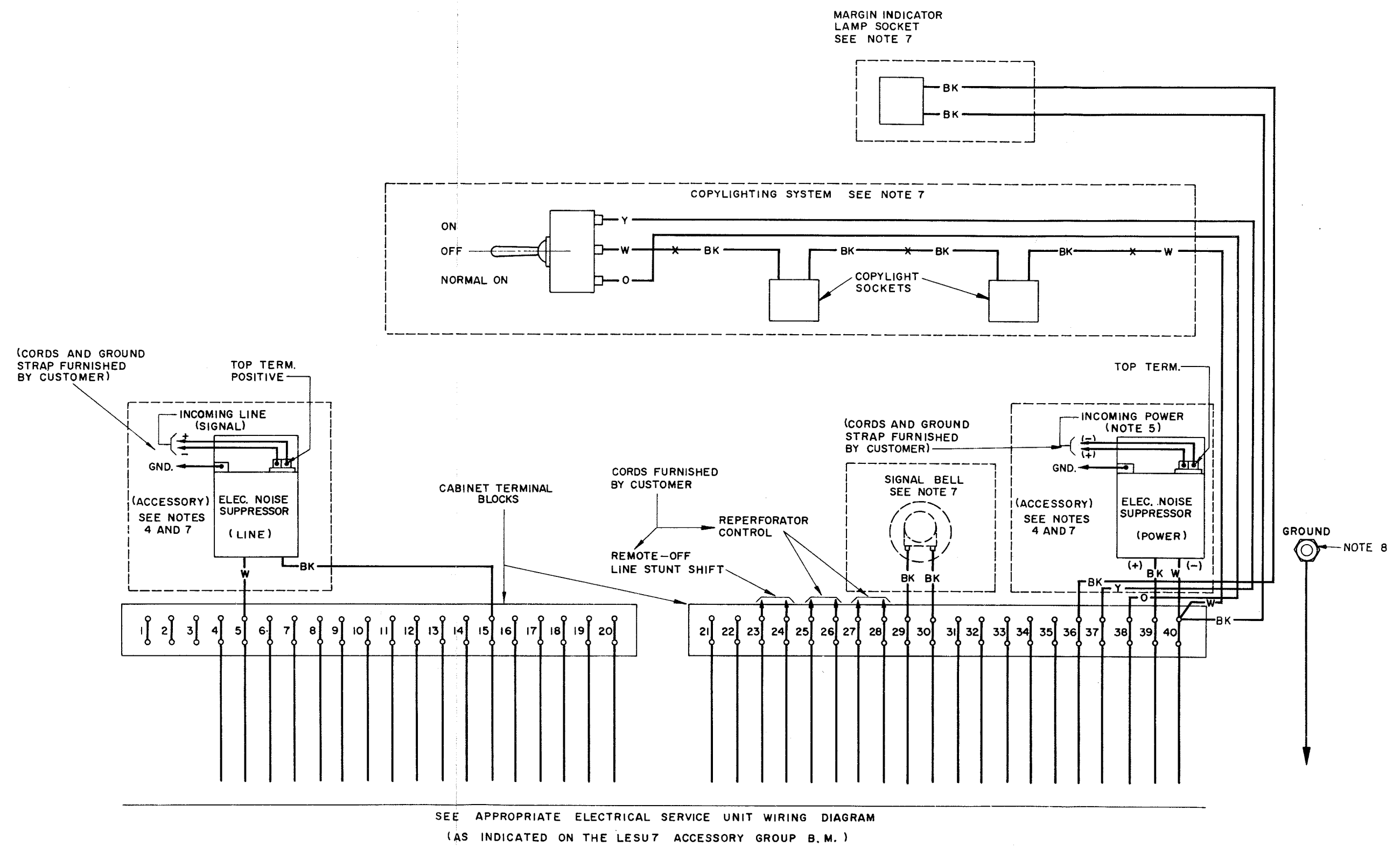
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ENGR. A.Z.P.	E.T.B.

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FILE: 25-30.65/120AA

TELETYPE
CORPORATION

NO.	NOTES																
1	COLOR CODE: BK — BLACK W — WHITE R — RED G — GREEN O — ORANGE BL — BLUE Y — YELLOW BR — BROWN P — PURPLE S — SLATE																
2	—X DENOTES SPLICED, SOLDERED, AND TAPED WIRES.																
3	COMPONENTS SHOWN DOTTED ARE ACCESSORIES TO CABINET.																
4	USE POWER AND SIGNAL LINE INTERFERENCE SUPPRESSORS FOR INSTALLATIONS REQUIRING MINIMUM R.F. INTERFERENCE. FOR OTHER INSTALLATIONS, OMIT SUPPRESSORS AND CONNECT INPUTS DIRECTLY TO TERMINALS SHOWN.																
5	<p>CABINET POWER CIRCUIT WIRING FOR 115V. D.C. OPERATION. CONNECT GROUNDED SIDE OF INPUT POWER, OR NEGATIVE SIDE OF UNGROUNDED POWER TO TERMINAL C40 OR THROUGH THIS SIDE OF FILTER. POLARITIES SHOWN (+) AND (-) ARE FOR NEGATIVE GROUNDED POWER. THE ASSOCIATED ELECTRICAL SERVICE UNIT MUST BE WIRED FOR D.C. OPERATION.</p> <p>SELECT THE DESIRED OPERATING CONDITIONS FROM THE FOLLOWING TABLE AND MAKE CONNECTIONS AT THE CABINET TERMINAL BLOCKS WITH THE TWO 153483 STRAPS FURNISHED WITH THE 152624 A.C. TO D.C. ASSEMBLY:</p> <p style="text-align: center;">SIGNAL LINE CIRCUIT ACCESSORY OPERATION.</p> <table border="1"> <thead> <tr> <th></th> <th>OPERATES CONTINUOUSLY</th> <th>OPERATES WITH POWER SWITCH</th> <th>OPERATES WITH MOTOR CONTROL</th> </tr> </thead> <tbody> <tr> <td>POWER SOURCE</td> <td></td> <td></td> <td></td> </tr> <tr> <td>NEGATIVE GROUND OR UNGROUNDED</td> <td>C 21 - C 38 C 22 - C 40</td> <td>C 21 - C 35 C 22 - C 40</td> <td>C 21 - C 37 C 22 - C 40</td> </tr> <tr> <td>POSITIVE GROUND</td> <td>C 22 - C 38 C 21 - C 40</td> <td>C 22 - C 35 C 21 - C 40</td> <td>C 22 - C 37 C 21 - C 40</td> </tr> </tbody> </table> <p>SEE APPROPRIATE ELECTRICAL SERVICE UNIT SCHEMATIC WIRING DIAGRAM.</p>		OPERATES CONTINUOUSLY	OPERATES WITH POWER SWITCH	OPERATES WITH MOTOR CONTROL	POWER SOURCE				NEGATIVE GROUND OR UNGROUNDED	C 21 - C 38 C 22 - C 40	C 21 - C 35 C 22 - C 40	C 21 - C 37 C 22 - C 40	POSITIVE GROUND	C 22 - C 38 C 21 - C 40	C 22 - C 35 C 21 - C 40	C 22 - C 37 C 21 - C 40
	OPERATES CONTINUOUSLY	OPERATES WITH POWER SWITCH	OPERATES WITH MOTOR CONTROL														
POWER SOURCE																	
NEGATIVE GROUND OR UNGROUNDED	C 21 - C 38 C 22 - C 40	C 21 - C 35 C 22 - C 40	C 21 - C 37 C 22 - C 40														
POSITIVE GROUND	C 22 - C 38 C 21 - C 40	C 22 - C 35 C 21 - C 40	C 22 - C 37 C 21 - C 40														
6	NECESSARY STRAP CONNECTIONS AT THE CABINET TERMINAL BLOCKS ARE SHOWN ON THE ASSOCIATED ELECTRICAL SERVICE UNIT WIRING DIAGRAM. SEE THE LESU7 ACCESSORY GROUP B.M. FOR THE DIAGRAM NUMBER.																
7	<p style="text-align: center;">ACCESSORY GROUP ASSIGNMENTS</p> <table border="1"> <thead> <tr> <th>ACCESSORY GROUP NO.</th> <th>COPYLIGHT SYSTEM</th> <th>MARGIN IND. LAMP</th> <th>SIGNAL BELL</th> <th>ELEC. NOISE SUPPRESSORS</th> </tr> </thead> <tbody> <tr> <td>130,150,240,241</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> </tbody> </table>	ACCESSORY GROUP NO.	COPYLIGHT SYSTEM	MARGIN IND. LAMP	SIGNAL BELL	ELEC. NOISE SUPPRESSORS	130,150,240,241	X	X	X							
ACCESSORY GROUP NO.	COPYLIGHT SYSTEM	MARGIN IND. LAMP	SIGNAL BELL	ELEC. NOISE SUPPRESSORS													
130,150,240,241	X	X	X														
8	GROUND SCREW IS LOCATED AT REAR OF CABINET, ADJACENT TO RIGHT HINGE.																

2876 WD		
REVISIONS		
ISSUE	DATE	AUTH. NO.
G	12-30-56	28-7216
H	12-5-57	28-8154
J	12-17-57	28-8195
K	3-25-59	28-10913
L	5-22-59	28-11141



SEE APPROPRIATE ELECTRICAL SERVICE UNIT WIRING DIAGRAM
(AS INDICATED ON THE LESU7 ACCESSORY GROUP B.M.)

FOR SCHEMATIC SEE ASSOCIATED LESU WD

ACTUAL WIRING DIAGRAM FOR MODEL 28 PRINTER CABINET LAC 203,204,205

ACCESSORY GROUPS 130,150,240,241 (FOR D.C. APPLICATION)

DATE: 4-20-54
 PD. FILE NO.: 2-30.65.156A
 DRAWN: N.K.G. CHKD. R.D.
 ENGD.: G.A.O. APPD.:

TELETYPE CORPORATION

2876 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
A 2	7-8-55	28-5583
B 3	1-26-56	28-6213
C 4	5-8-57	28-7615
5	3-28-62	69768-10

- NO. NOTES
- WIRING LEGEND:

— DISTANT TERMINATING AREA
 — DISTANT TERMINATING DESIGNATION
 A-W-BL WIRE COLOR CODE
 - COLOR CODE:

BK - BLACK	G - GREEN
BR - BROWN	BL - BLUE
R - RED	P - PURPLE
O - ORANGE	W - WHITE
Y - YELLOW	S - SLATE
 - UNIT WIRED FOR 115 VOLTS, 50 TO 60 CYCLE A.C. POWER INPUT ONLY.
 - PLUGS VIEWED FROM SOLDER TERMINAL ENDS.
 - CIRCUITS SHOWN FOR .060 AMP. NEUTRAL SIGNAL LINE OPERATION. FOR .020 AMP. OPERATION, REMOVE AND ADD CONNECTIONS AS TABULATED BELOW:

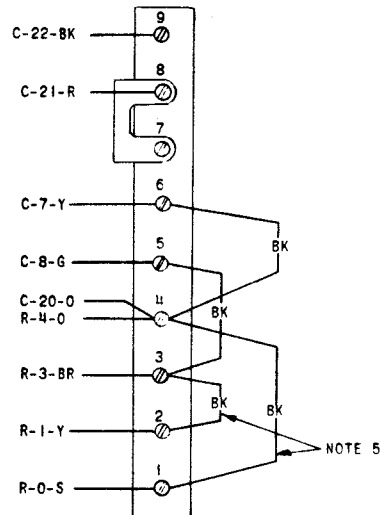
SIGNAL LINE CURRENT	CONNECTIONS REMOVED	CONNECTIONS ADDED
.020 AMP.	A1-A4, A2-A3, D4-D6, D5-D7, D6-D8	A1-A2*, D6-D7

* PLACE TWO STRAPS IN PARALLEL
 - THE SPARE LEADS FROM THE KEYBOARD (OR RECEIVE-ONLY BASE) AND TYPING UNIT CONNECTOR PLUGS ARE TERMINATED IN THE RIGHT AND LEFT ENDS OF THE ELECTRICAL SERVICE UNIT, RESPECTIVELY.
 - LINE SHUNT RELAY SHOWN CONTROLLED BY MOTOR CONTROL CONTACTS AND SHUNTING SELECTOR MAGNETS AND KEYBOARD SIGNAL GENERATOR CONTACTS.

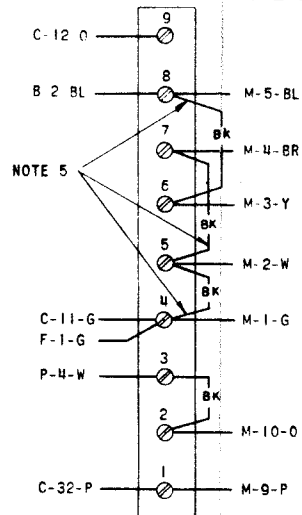
A. IF KEYBOARD SHUNTING IS NOT DESIRED, REMOVE THE BLACK STRAP CONNECTED BETWEEN TERMINALS C-10 AND C-13 AND CONNECT TERMINALS C-9 AND C-13.

B. FOR DIRECT CONTROL OF THE LINE SHUNT RELAY FROM THE POWER SWITCH, REMOVE STRAP BETWEEN TERMINALS C-34 AND C-37 AND CONNECT TERMINALS C-34 AND C-35. TERMINAL C-13 MAY THEN BE CONNECTED TO EITHER TERMINALS C-9, C-10, C-11, OR C-15 TO OBTAIN THE DESIRED SHUNTING OF THE SIGNAL LINE CIRCUIT.
 - REMOVE THIS STRAP WHEN ASSOCIATED KEYBOARD OR RECEIVE-ONLY BASE IS EQUIPPED WITH AN ELECTRICAL BREAK SWITCH.
 - FOR SCHEMATIC WIRING DIAGRAM, SEE 2893WD.

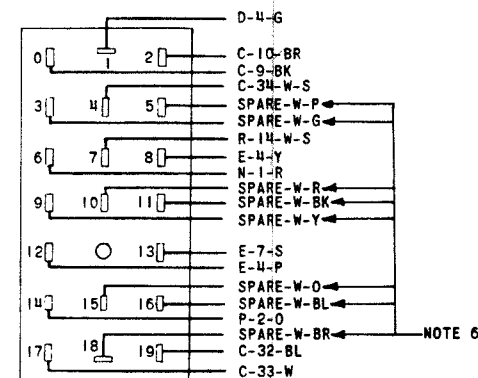
A
SELECTOR MAGNET TERMINAL BLOCK



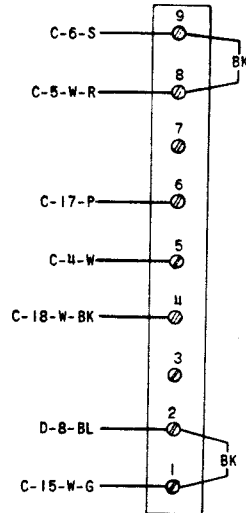
D
MOTOR CONTROL TERMINAL BLOCK



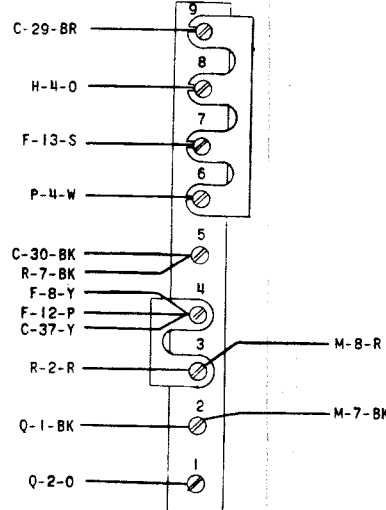
F
KEYBOARD OR RECEIVING ONLY BASE CONNECTOR PLUG



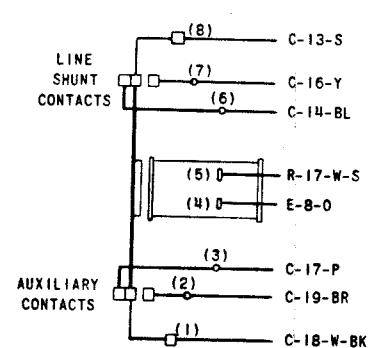
B
LINE TEST KEY TERMINAL BLOCK



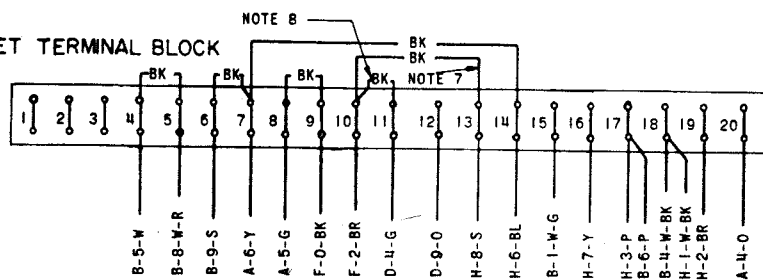
E
POWER TERMINAL BLOCK



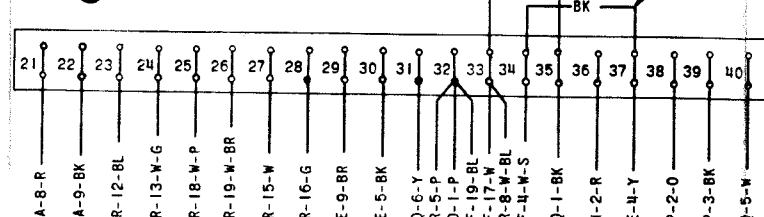
H
LINE SHUNT RELAY



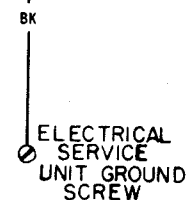
CABINET TERMINAL BLOCK



C
CABINET TERMINAL BLOCK



TO CABINET GROUND SCREW



SHEET 1 OF 2

ACTUAL WIRING DIAGRAM FOR MODEL 28 ELECTRICAL SERVICE UNIT LESU7/147, 191 WITH ELECTRICAL MOTOR CONTROLS 153251(147) & 152336(191)

APPROVALS

D AND R
E OF M

E-NUMBER

PROD. NO. 2892WD

DATE 1-24-55

P.D. FILE NO. 1-30.65.156A

DRAWN U.S. ENG. CHKD. R.D.S.

ENGD. B.M.R. APPD.

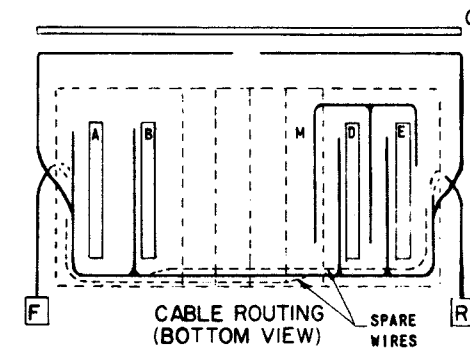
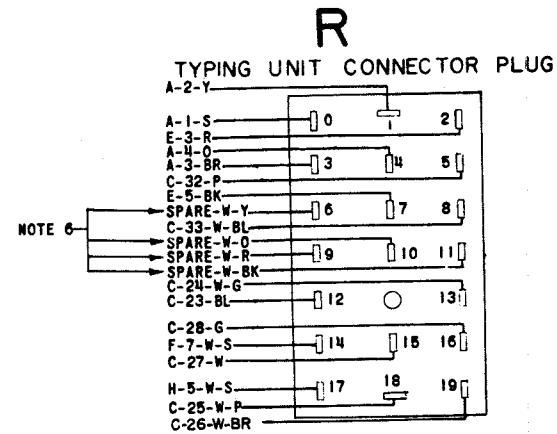
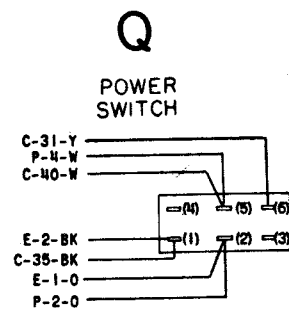
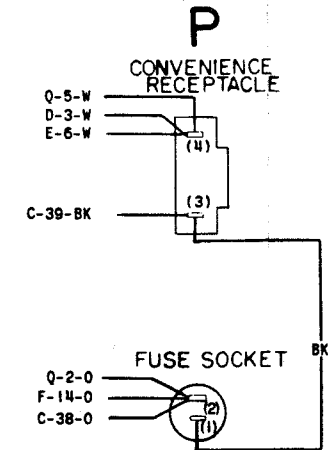
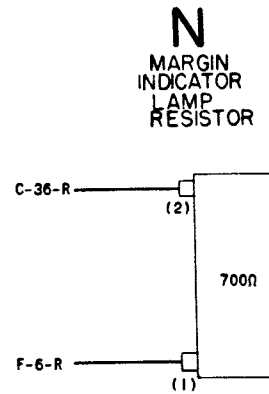
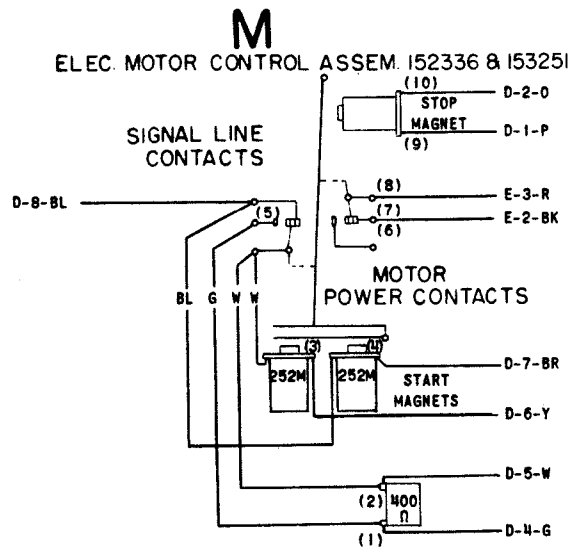
TELETYPE CORPORATION

SEE SHEET 1 FOR NOTES.

2892 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
A 2	7-8-55	28-5583
B 3	1-26-56	28-6213
Ø 4	5-8-57	28-7615
5	3-28-62	69768-10



SHEET 2 OF 2

ACTUAL WIRING DIAGRAM FOR MODEL 28 ELECTRICAL SERVICE UNIT LESU7/147, 191 WITH ELECTRICAL MOTOR CONTROLS 153251(147) & 152336(191)

APPROVALS

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

E-NUMBER

PROD. NO. 2892WD

DATE 1-24-55

R.D. FILE NO. 1-30.65.156A

DRAWN U.S. ENG. CHKD. R.D.S.

ENGD. B.M.R. APPD.

TELETYPE CORPORATION

2892 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
1	7-9-55	28-5583
2	8-4-55	28-5619
3	12-31-55	28-7216
4	7-11-57	28-7723
5	1-3-62	72044
6	3-28-62	6976-10
7	10-11-63	79301
8	11-20-63	78859
9	1-3-66	88875

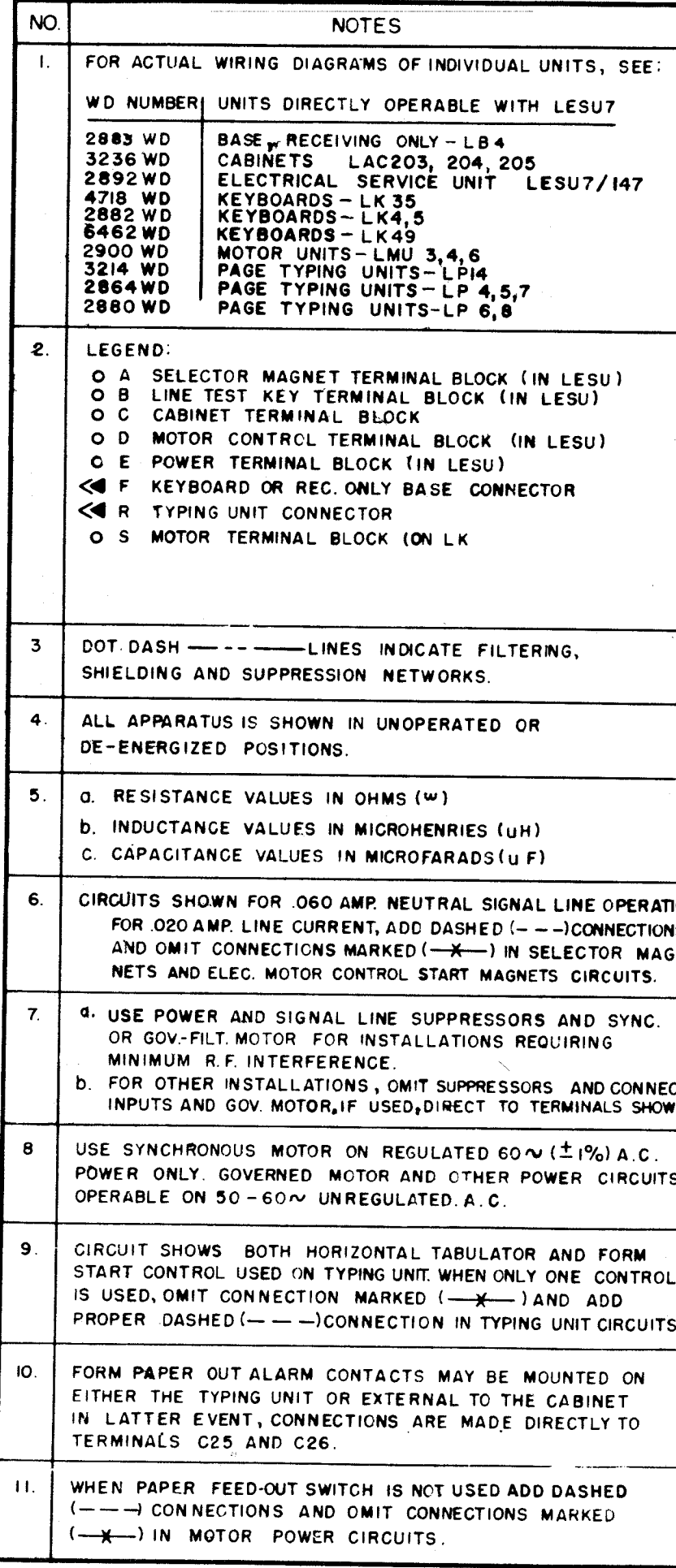
SCHEMATIC WIRING DIAGRAM MODEL 28 PAGE PRINTER SET WITH FACILITIES PROVIDED BY ELEC. SERVICE UNIT LESU7/147,191 AND ASSOCIATED UNITS WITH ELEC. MOTOR CONTROL I53251(147)8452356(91)

APPROVALS

D AND R	E OF M
E-NUMBER	
PROD. NO.	
DATE: 1-24-65	
P.O. FILE NO. 1-71-10510-4	
DRAWN: J. E. S.	CHKD:
ENGD. G. L. N.	APPD:

TELETYPE CORPORATION

1. FOR ACTUAL WIRING DIAGRAMS OF INDIVIDUAL UNITS, SEE: WD NUMBER UNITS DIRECTLY OPERABLE WITH LESU7
 2883 WD BASE, RECEIVING ONLY - LB 4
 3236 WD CABINETS LAC203, 204, 205
 2892 WD ELECTRICAL SERVICE UNIT LESU7/147
 4718 WD KEYBOARDS - LK 35
 2882 WD KEYBOARDS - LK 4, 5
 6462 WD KEYBOARDS - LK 49
 2900 WD MOTOR UNITS - LK 3, 4, 6
 3214 WD PAGE TYPING UNITS - LP 14
 2864 WD PAGE TYPING UNITS - LP 4, 5, 7
 2880 WD PAGE TYPING UNITS - LP 6, 8
2. LEGEND:
 ○ A SELECTOR MAGNET TERMINAL BLOCK (IN LESU)
 ○ B LINE TEST KEY TERMINAL BLOCK (IN LESU)
 ○ C CABINET TERMINAL BLOCK
 ○ D MOTOR CONTROL TERMINAL BLOCK (IN LESU)
 ○ E POWER TERMINAL BLOCK (IN LESU)
 ▲ F KEYBOARD OR REC. ONLY BASE CONNECTOR
 ▲ R TYPING UNIT CONNECTOR
 ○ S MOTOR TERMINAL BLOCK (ON LK)
3. DOT-DASH --- LINES INDICATE FILTERING, SHIELDING AND SUPPRESSION NETWORKS.
4. ALL APPARATUS IS SHOWN IN UNOPERATED OR DE-ENERGIZED POSITIONS.
5. a. RESISTANCE VALUES IN OHMS (Ω)
 b. INDUCTANCE VALUES IN MICRohenRIES (μH)
 c. CAPACITANCE VALUES IN MICROFARADS (μF)
6. CIRCUITS SHOWN FOR .060 AMP NEUTRAL SIGNAL LINE OPERATION FOR .020 AMP. LINE CURRENT, ADD DASHED (---) CONNECTIONS AND OMIT CONNECTIONS MARKED (---) IN SELECTOR MAGNETS AND ELEC. MOTOR CONTROL START MAGNETS CIRCUITS.
7. a. USE POWER AND SIGNAL LINE SUPPRESSORS AND SYNC. OR GOV.-FILT. MOTOR FOR INSTALLATIONS REQUIRING MINIMUM R.F. INTERFERENCE.
 b. FOR OTHER INSTALLATIONS, OMIT SUPPRESSORS AND CONNECT INPUTS AND GOV. MOTOR, IF USED, DIRECT TO TERMINALS SHOWN.
8. USE SYNCHRONOUS MOTOR ON REGULATED 60V (±1%) A.C. POWER ONLY. GOVERNED MOTOR AND OTHER POWER CIRCUITS OPERABLE ON 50-60V UNREGULATED A.C.
9. CIRCUIT SHOWS BOTH HORIZONTAL TABULATOR AND FORM START CONTROL USED ON TYPING UNIT. WHEN ONLY ONE CONTROL IS USED, OMIT CONNECTION MARKED (---) AND ADD PROPER DASHED (---) CONNECTION IN TYPING UNIT CIRCUITS.
10. FORM PAPER OUT ALARM CONTACTS MAY BE MOUNTED ON EITHER THE TYPING UNIT OR EXTERNAL TO THE CABINET. IN LATTER EVENT, CONNECTIONS ARE MADE DIRECTLY TO TERMINALS C25 AND C26.
11. WHEN PAPER FEED-OUT SWITCH IS NOT USED ADD DASHED (---) CONNECTIONS AND OMIT CONNECTIONS MARKED (---) IN MOTOR POWER CIRCUITS.
12. TO OPERATE MOTOR CONTROL, SET MUST BE EQUIPPED WITH EITHER: (A) TIME DELAY MECH., OR (B) MOTOR STOP CONTACTS.
13. CIRCUITS SHOW A SIGNAL LINE BREAK SWITCH IN BOTH KEYBOARD AND RECEIVING ONLY BASE. WHEN SWITCH IS NOT USED, ADD DASHED (---) CONNECTIONS AND OMIT CONNECTIONS MARKED (---)
14. a. LINE SHUNT RELAY SHOWN CONTROLLED BY MOTOR CONTROL CONTACTS AND SHUNTING SELECTOR MAGNETS AND KEYBOARD SIGNAL GENERATOR CONTACTS. SHUNTING CIRCUIT CONNECTION TO C13 MUST BE MOVED FROM C10 TO C9 IF KEYBOARD SHUNTING IS NOT REQUIRED OR WHEN SIGNAL LINE BREAK SWITCH IS ABSENT.
 b. FOR DIRECT CONTROL OF LINE SHUNT RELAY FROM POWER SWITCH, ADD DASHED (---) CONNECTION AND OMIT CONNECTION MARKED (---) AT CABINET TERMINALS C34, C35, AND C37. CUSTOMER MAY THEN SELECT PORTION OF SIGNAL LINE CIRCUIT TO BE SHUNTED BY CONNECTING TERMINAL C13 TO EITHER C9, C10, C11 OR C15.
15. IF LK3 KEYBOARD, LB3 REC. ONLY BASE, OR LP3 TYPING UNIT IS TO BE USED WITH LESU 7/147, 191, STRAP F4 TO F7 AND/OR R14 TO R17 MUST BE ADDED TO ITS CONNECTOR, IN ORDER TO COMPLETE LINE SHUNT RELAY CIRCUIT. (EITHER STRAP MAY ALREADY BE IN CIRCUIT)
16. CONNECTED BY CUSTOMER, TO TWO OPEN CABINET TERMINALS.



SYNCHRONOUS MOTOR UNITS

NOTE:
REVISION INFORMATION MUST ALSO BE
REFLECTED ON THE ISSUE CONTROL REC-
ORD, WHICH IS A PART OF THIS DRAWING.

2900WD

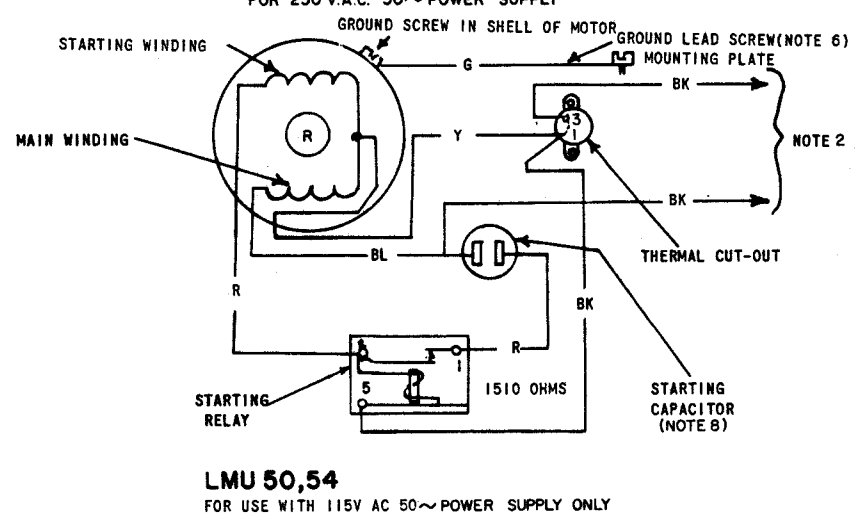
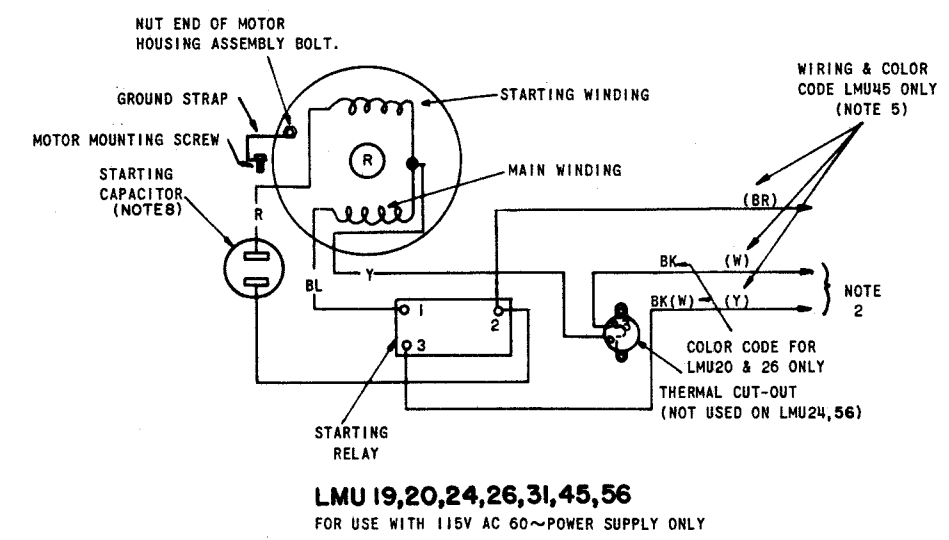
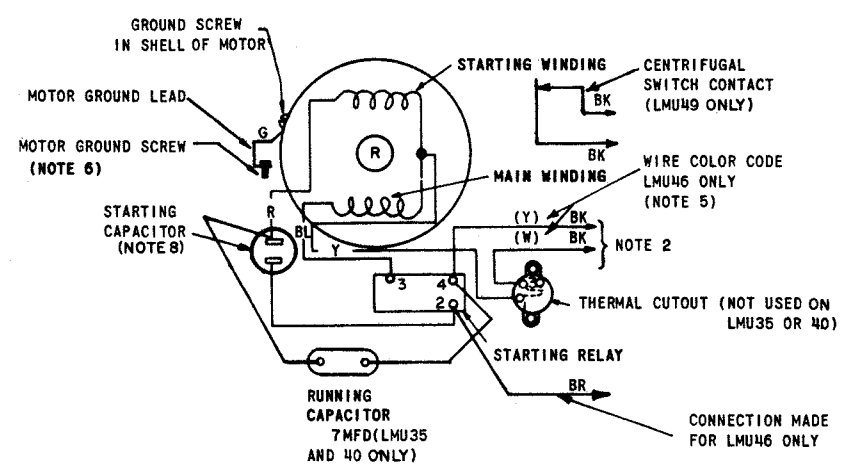
REVISIONS

ISSUE	DATE	AUTH. NO.
L	2-15-60	28-12447
M	5-17-60	28-13280
N	5-27-60	28-13361
P	7-6-60	28-13494
Q	9-13-60	28-13899
R	12-14-60	28-14406
S	6-23-61	70255
T	8-8-61	70559
U	10-18-61	71471
V	11-30-61	71805
W	8-24-62	74285
X	9-20-62	74557
Y	11-29-62	75216
Z	4-15-63	76588
AA	4-15-63	76592
AB	5-16-63	76965
AC	5-28-63	76149
AD	8-22-63	77845
AE	1-13-64	79966
AF	1-24-64	79730-1
32	4-13-64	79730-2
33	5-22-64	82008
34	11-4-64	84364
35	3-4-65	82432
36	4-10-65	82432-1
37	9-22-65	82432-3
38	11-8-65	82432-4
39	11-10-65	87664
40	2-22-66	90356
41	4-5-66	90628
42	9-21-66	91790

- NO. NOTES**
1. SYNCHRONOUS MOTOR OPERATES ON REGULATED FREQUENCY ($\pm 0.75\%$) MAXIMUM AC ONLY.
 2. CONNECT EITHER WIRE TO DESIGNATED TERMINALS OF UNIT TERMINAL BLOCK, PER WIRING DIAGRAM OF ASSOCIATED UNIT.
 3. MOTOR LEADS OF SAME COLOR ARE INTER-CHANGEABLE.
 5. EXTERNAL NOISE SUPPRESSION NETWORK CONSISTING OF 100 OHM, 1/2 WATT RESISTOR IN SERIES WITH 0.25 MFD 1K V CAPACITOR CONNECTED ACROSS YELLOW AND BROWN WIRES. (FOR LMU45,46)
 6. MOTOR GROUND LEAD (GREEN) TERMINAL MUST BE FASTENED TO MOUNTING CRADLE OF MOTOR UNDER A SEPARATE GROUND SCREW ONLY. A SCREW USED FOR ANOTHER PURPOSE CANNOT BE USED FOR GROUNDING (UNDERWRITERS LABORATORIES REQUIREMENT).
 7. WIRE COLOR CODE:

BK - BLACK	R - RED
BL - BLUE	O - ORANGE
BR - BROWN	Y - YELLOW
P - PURPLE	S - SLATE
W - WHITE	G - GREEN
 8.

LMU	STARTING CAPACITOR VALUE
3,15,21,30,33,36,37,38,42,46,49,51,52	43-48 MFD
11,12	170-226 MFD
35,40	64-77 MFD
55	15-18 MFD
19,20,24,26,31,45,56	88-108 MFD
50,54	161-193 MFD



SEE ISSUE CONTROL RECORD FOR COMPLETE LIST OF SHEETS COMPRISING THIS W.D.

SHEET 1 WDP

ACTUAL
WIRING DIAGRAM
FOR
MODEL 28 & 35
MOTOR UNITS

APPROVALS

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

E-NUMBER

PROD. NO. 2900WD

DATE 1-28-55

P.D. FILE NO. 1-30.65.156A

DRAWN E.R.	CHKD. RET
ENGD. B.M.B.	APPD.

TELETYPE CORPORATION

2900WD

SERIES GOVERNED MOTOR UNITS

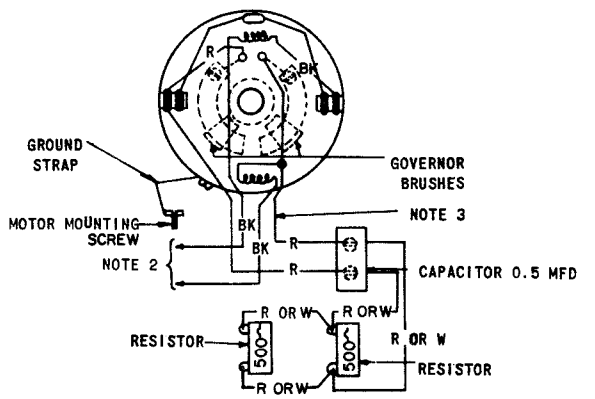
NOTE:
REVISION INFORMATION MUST ALSO BE REFLECTED ON THE ISSUE CONTROL RECORD, WHICH IS A PART OF THIS DRAWING.

2900WD

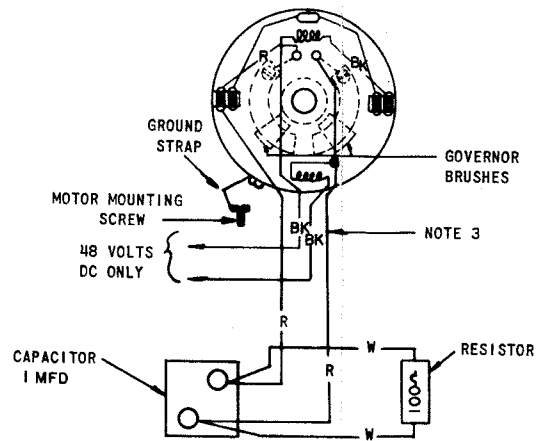
REVISIONS

ISSUE	DATE	AUTH. NO.
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M	5-17-60	28-13280
N	5-27-60	28-13361
P	7-6-60	28-13494
Q	9-13-60	28-13899
R	12-14-60	28-14406
S	6-23-61	70255
T	8-8-61	70559
U	10-18-61	71471
V	11-30-61	71805
W	8-24-62	74285
X	9-20-62	74857
Y	11-29-62	75216
Z	4-15-63	76589
AA	4-15-63	76592
AB	5-16-63	76965
AC	5-28-63	76149
AD	8-22-63	77845
AE	1-13-64	79966
AF	1-24-64	79730-1
32	4-13-64	79730-2
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36	4-10-65	82432-1
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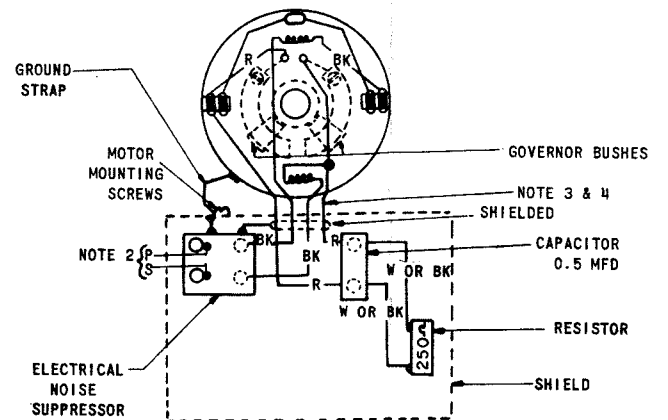
- NO. NOTES**
1. A. AC SERIES MOTOR UNITS OPERATE ON UN-REGULATED AC POWER.
B. ASSOCIATED LESU MUST BE EQUIPPED WITH CAPACITOR-RESISTOR ASSEMBLY FOR DC OPERATION OF GOVERNED MOTORS.
 2. CONNECT EITHER WIRE TO DESIGNATED TERMINALS OF UNIT TERMINAL BLOCK, PER WIRING DIAGRAM OF ASSOCIATED UNIT.
 3. MOTOR LEADS OF SAME COLOR ARE INTER-CHANGEABLE.
 4. MOTOR LEADS ARE ENCLOSED IN APPROXIMATELY 10" LONG COPPER SHIELDING & FASTENED TO MOTOR AND CONTROL PARTS COMPARTMENT. (FOR LMU28).
 5. LMU4, 10, AND 14 MOTOR UNITS (UNIVERSAL SERIES GOVERNED) CONTAIN TWO 500 OHM RESISTORS WIRED IN PARALLEL EQUIVALENT TO 250 OHMS.
LMU4 MOTOR UNIT SUPERSEDED BY LMU41 MOTOR UNIT.
LMU10 MOTOR UNIT SUPERSEDED BY LMU47 MOTOR UNIT.
LMU14 MOTOR UNIT SUPERSEDED BY LMU39 MOTOR UNIT.
 6. WIRE COLOR CODE:
BK - BLACK R - RED
BL - BLUE O - ORANGE
BR - BROWN Y - YELLOW
P - PURPLE S - SLATE
W - WHITE G - GREEN



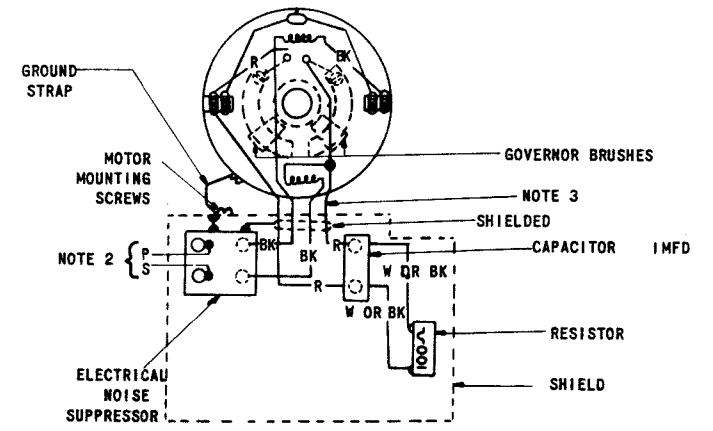
LMU 6, 13 (UNIVERSAL)
WITHOUT RADIO FREQUENCY SUPPRESSORS
FOR USE WITH EITHER 115V AC 50-60~OR 115V DC POWER SUPPLY (NOTE 1B).



LMU 23 (48 VOLTS)
WITHOUT RADIO FREQUENCY SUPPRESSORS
FOR USE ON 48 V.D.C. POWER SUPPLY ONLY.



LMU 28, 32, 39, 41, 47 (UNIVERSAL)
WITH RADIO FREQUENCY SUPPRESSORS
FOR USE WITH EITHER 115V AC 50-60~115 V DC POWER SUPPLY (NOTE 1B)



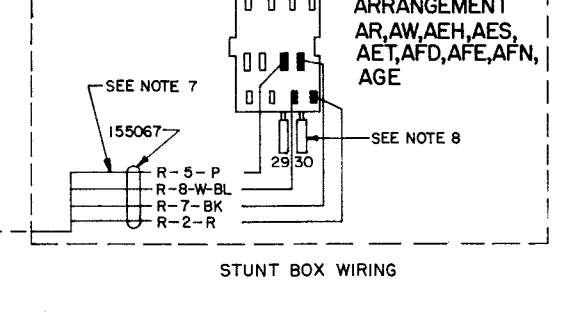
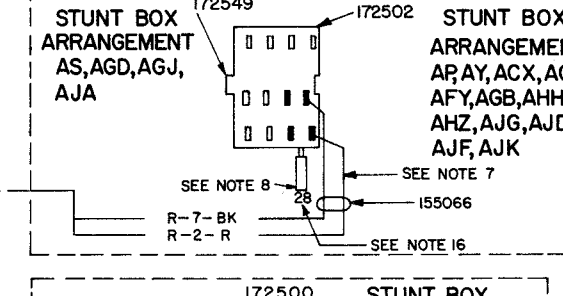
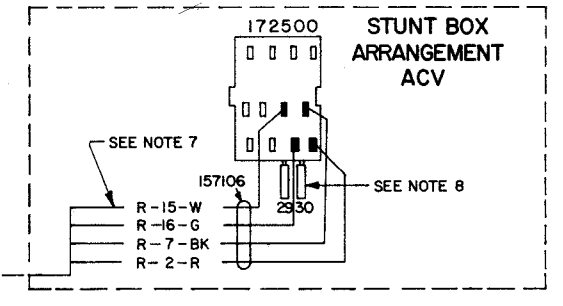
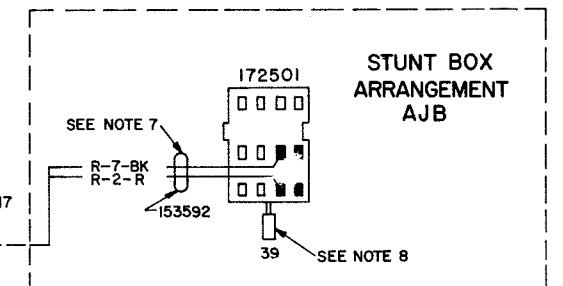
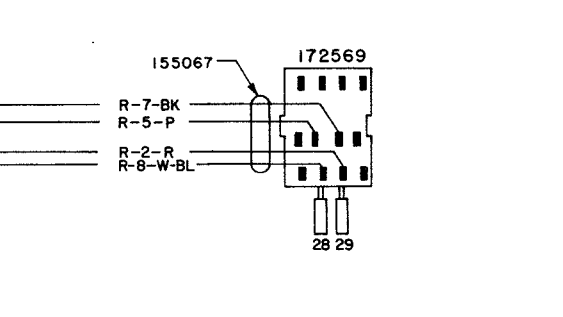
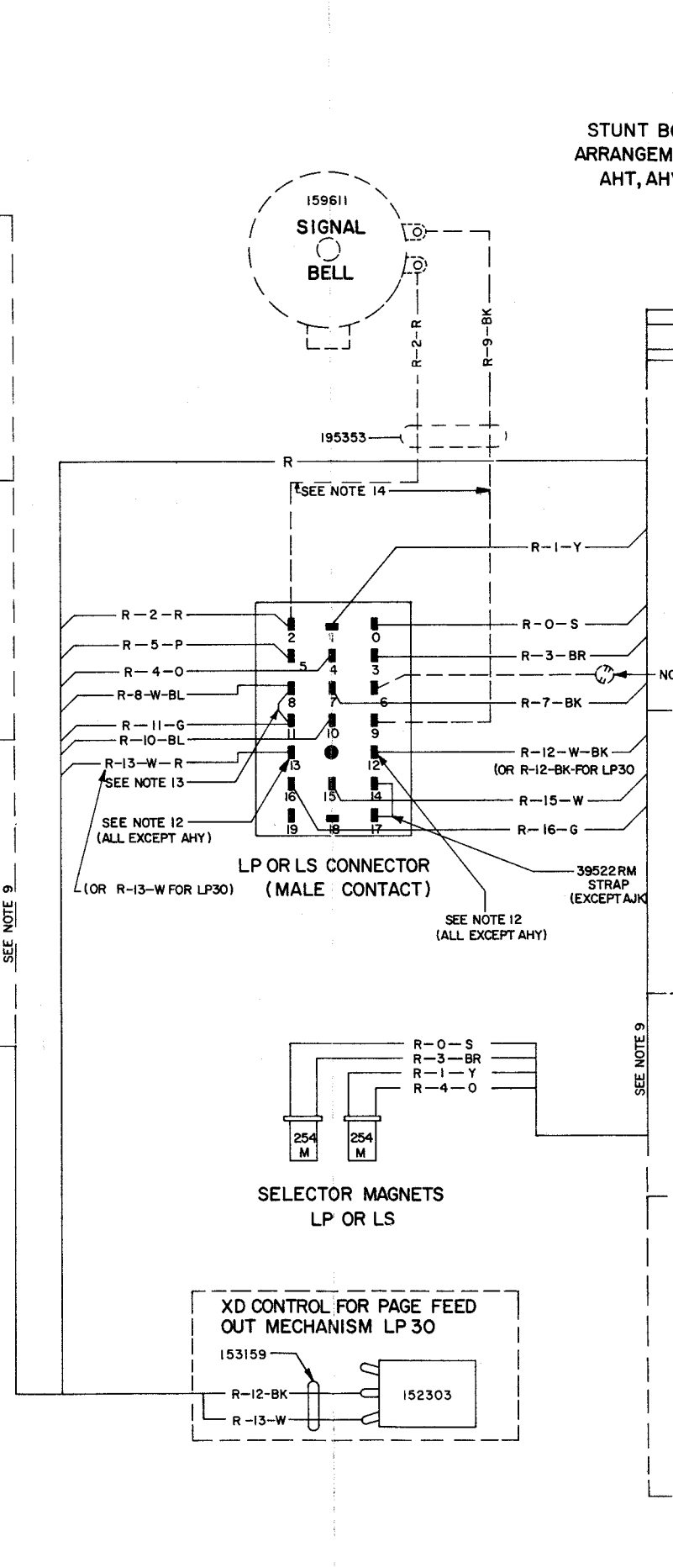
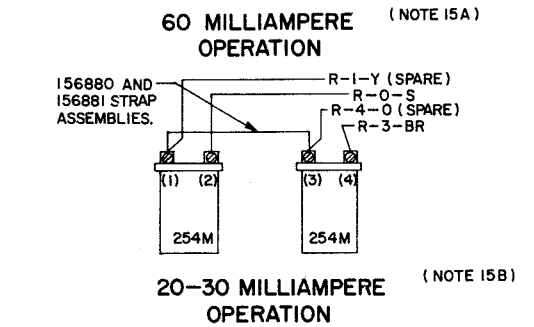
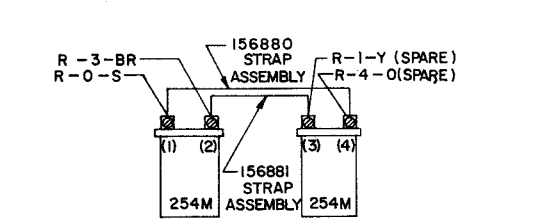
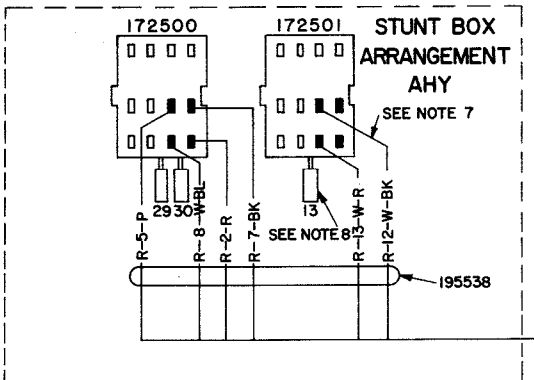
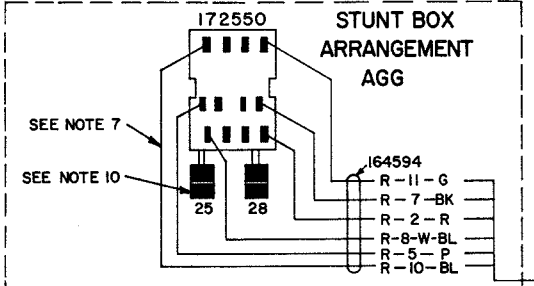
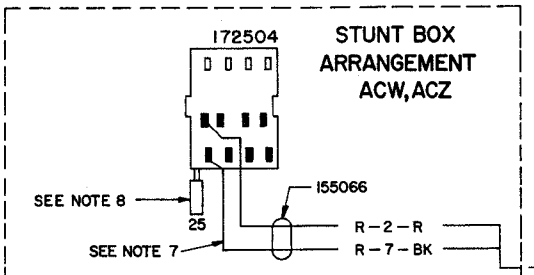
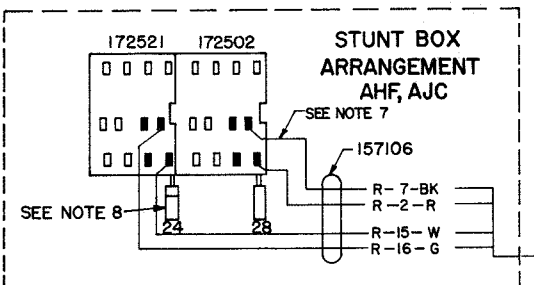
LMU 29 (48 VOLTS)
WITH RADIO FREQUENCY SUPPRESSORS
FOR USE ON 48 VOLT DC POWER SUPPLY ONLY

SEE ISSUE CONTROL RECORD FOR COMPLETE LIST OF SHEETS COMPRISING THIS W.D.

SHEET 2

ACTUAL WIRING DIAGRAM FOR MODEL 28 & 35 MOTOR UNITS	
APPROVALS	
D AND R	E OF M
E-NUMBER	
PROD. NO. 2900WD	
DATE 1-28-65	
P.D. FILE NO. 1-30.65.156A	
DRAWN E.R.	CHKD. <i>REN</i>
ENGD. B.M.B.	APPD.
TELETYPE CORPORATION	

- NOTES**
1. WIRING CHANNEL DESIGNATED BY "R" DOES NOT REPRESENT CABLES, BUT ASSISTS IN TRACING CONNECTIONS.
 2. COLOR CODE:
BK-BLACK BL-BLUE
W-WHITE R-RED
Y-YELLOW BR-BROWN
P-PURPLE O-ORANGE
S-SLATE G-GREEN
 3. COLOR LEGEND:
R- CHANNEL IDENTIFICATION
W- CHANNEL WIRE NUMBER
8- WIRE COLOR CODE
 - 4.
 5. CONNECTOR VIEWED FROM SOLDERED TERMINAL ENDS.
 - 6.
 7. THESE LEADS FURNISHED WITH FUNCTION BOX.
 8. NORMALLY OPEN CONTACTS
NORMALLY CLOSED CONTACTS
 9. A COMPLETE LP UNIT USES ONLY ONE STUNT BOX. MAKE APPROXIMATE (.....) CONNECTIONS TO COMPLETE CIRCUIT.
 10. TRANSFER CONTACTS
REAR CONTACTS
NORMALLY OPEN
REAR CONTACTS
NORMALLY CLOSED
 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 60MA OPER.
B. THE LP III MAY BE CONVERTED FOR 20-30MA. 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.
41	12-23-63	79185-1
42	1-9-65	85722
43	2-3-65	85959
44	8-25-66	90726

ACTUAL
WIRING DIAGRAM FOR MODEL 28, TYPING UNITS
LP 14,15,16,17,20,21,23,26,27,28,30,31,34,38,39,43,44,55,56,60,65,67,68,70,73,84,96,101,108,111,113,122,72,105,109,115

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,AHH,AHT,AHV,AHY,AHZ,AJG,AJA,AJC,AJD,AJF,AJG,AJB,AJK

SEQUENTIAL SELECTOR UNIT
LS 2,4

APPROVALS

D AND R	E OF M
<i>H.J.K.</i>	<i>[Signature]</i>

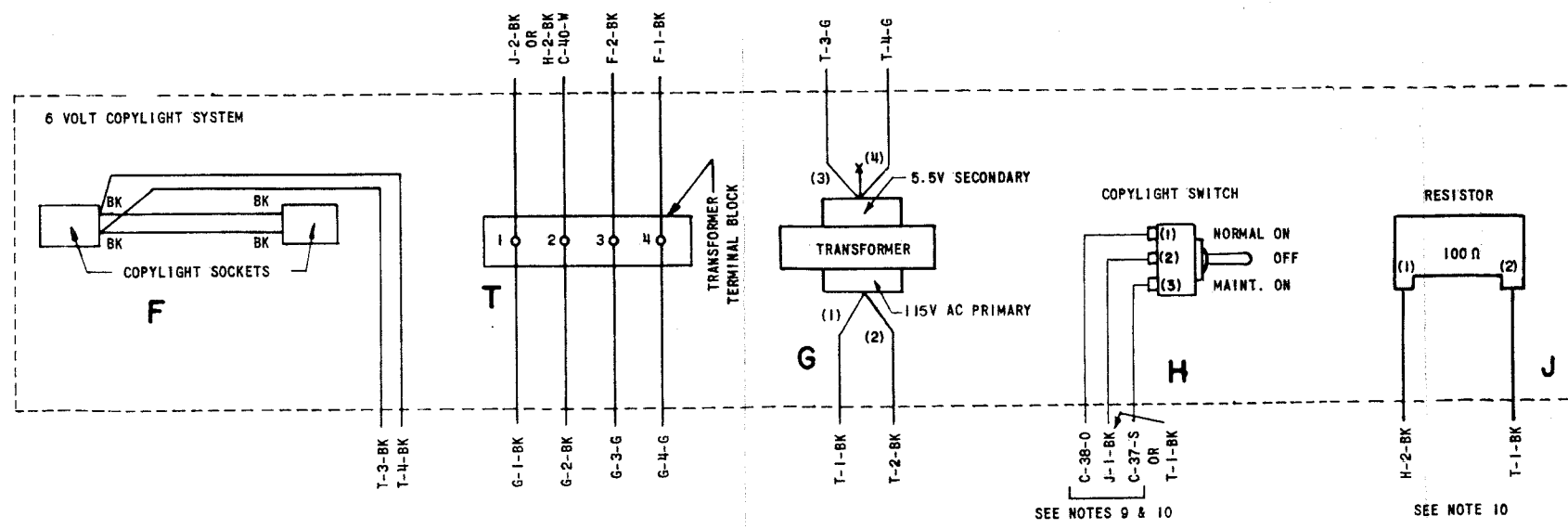
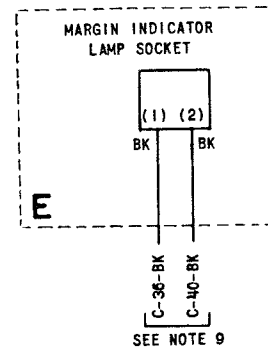
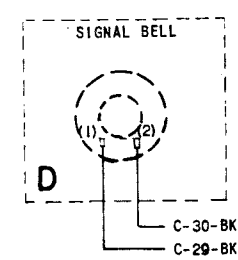
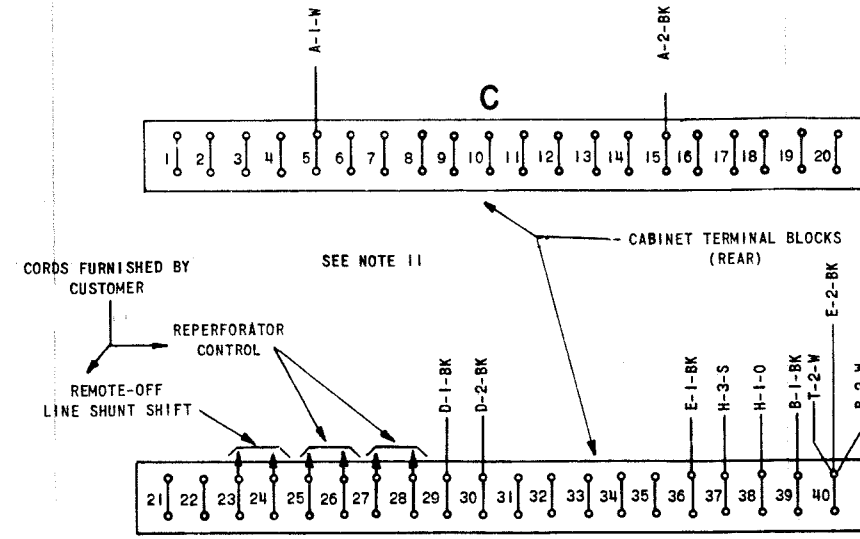
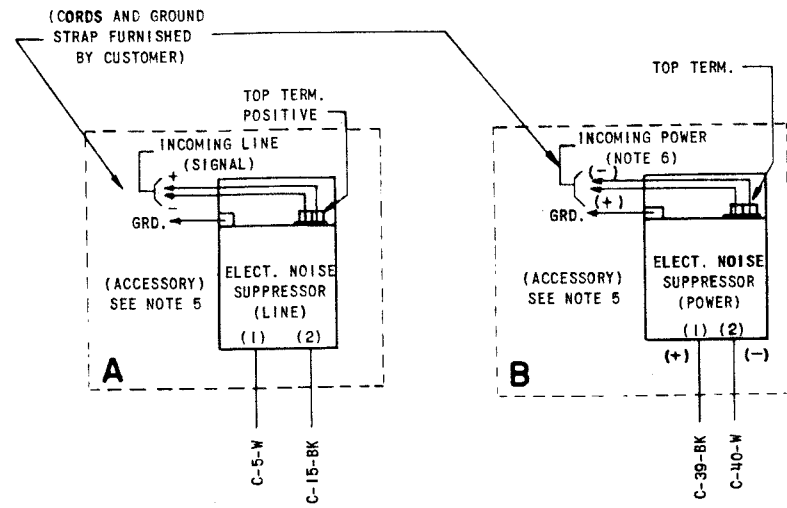
E-NUMBER
PROD. NO. 3214 WD
DATE 12-1-56
P.D. FILE NO. 45-3065AA
DRAWN JER CHKD. GG.
ENGD. V.C. APPD. QAL.

TELETYPE CORPORATION
3214 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
A	11-26-56	28-7193
B	12-19-56	28-7260
C	7-11-57	28-7723
D 5	8-8-58	28-9690
E 6	10-14-58	28-9997
F 7	11-20-58	28-10197
8	3-11-59	28-10785
9	3-25-59	28-10913
10	9-22-61	71027

- NO. NOTES
1. WIRING LEGEND:
 — DISTANT TERMINATING AREA
 — DISTANT TERMINATING DESIGNATION
 A-I-W — 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. X — DENOTES SPLICED AND TAPED WIRES.
 4. COMPONENTS SHOWN DOTTED ARE ACCESSORIES TO CABINET.
 5. USE POWER AND SIGNAL LINE INTERFERENCE SUPPRESSORS FOR INSTALLATIONS REQUIRING MINIMUM R.F. INTERFERENCE. FOR OTHER INSTALLATIONS, OMIT SUPPRESSORS AND CONNECT INPUTS DIRECTLY TO TERMINALS SHOWN.
 6. CABINET POWER CIRCUIT WIRED FOR 115V 60-60~ A.C. OPERATION ONLY. THE ASSOCIATED ELECTRICAL SERVICE UNIT MUST BE WIRED FOR A.C. OPERATION.
 7. NECESSARY STRAP CONNECTIONS AT THE CABINET TERMINAL BLOCKS ARE SHOWN ON THE ASSOCIATED ELECTRICAL SERVICE UNIT WIRING DIAGRAM. SEE THE LESU7 ACCESSORY GROUP B/M FOR THE DIAGRAM NUMBER.
 8. CONNECTOR VIEWED FROM SOLDER TERMINAL END.
 9. ROUTE MARGIN INDICATOR CABLE ALONG COPYLIGHT CABLE AND COPYLIGHT SWITCH CABLES. FASTEN INDICATOR AND SWITCH CABLES UNDER LOWER LEFT-HAND MOUNTING SCREW FOR THE RIGHT CABINET HINGE WITH CABLE CLAMPS, LOCK WASHERS, AND SCREWS SUPPLIED WITH THE COPYLIGHT KIT.
 10. AREA "J" IS NOT AVAILABLE WHEN USING THE 159357 MOD. KIT, THEREFORE, AREA "H" AND "T" ARE WIRED IN THE ALTERNATE METHOD.
 11. SEE APPROPRIATE ELECTRICAL SERVICE UNIT WIRING DIAGRAM. (AS INDICATED ON THE LESU7 ACCESSORY GROUP B/M). FOR SCHEMATIC, SEE ASSOCIATED LESU WD.



ACTUAL WIRING DIAGRAM FOR MODEL 28 PAGE PRINTER CABINETS LAC203, 204, 205, 217 ARRANGED FOR AC APPLICATION ACC GROUPS 137, 148, 149, 194, 195, 221, 222, 236, 237, 238, 239, 250

APPROVALS

D AND R	E OF M
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E-NUMBER

PROD. NO. 3236WD

DATE 7-24-56

P.D. FILE NO. 2-30.65.156A

DRAWN J.T.D. CHKD.

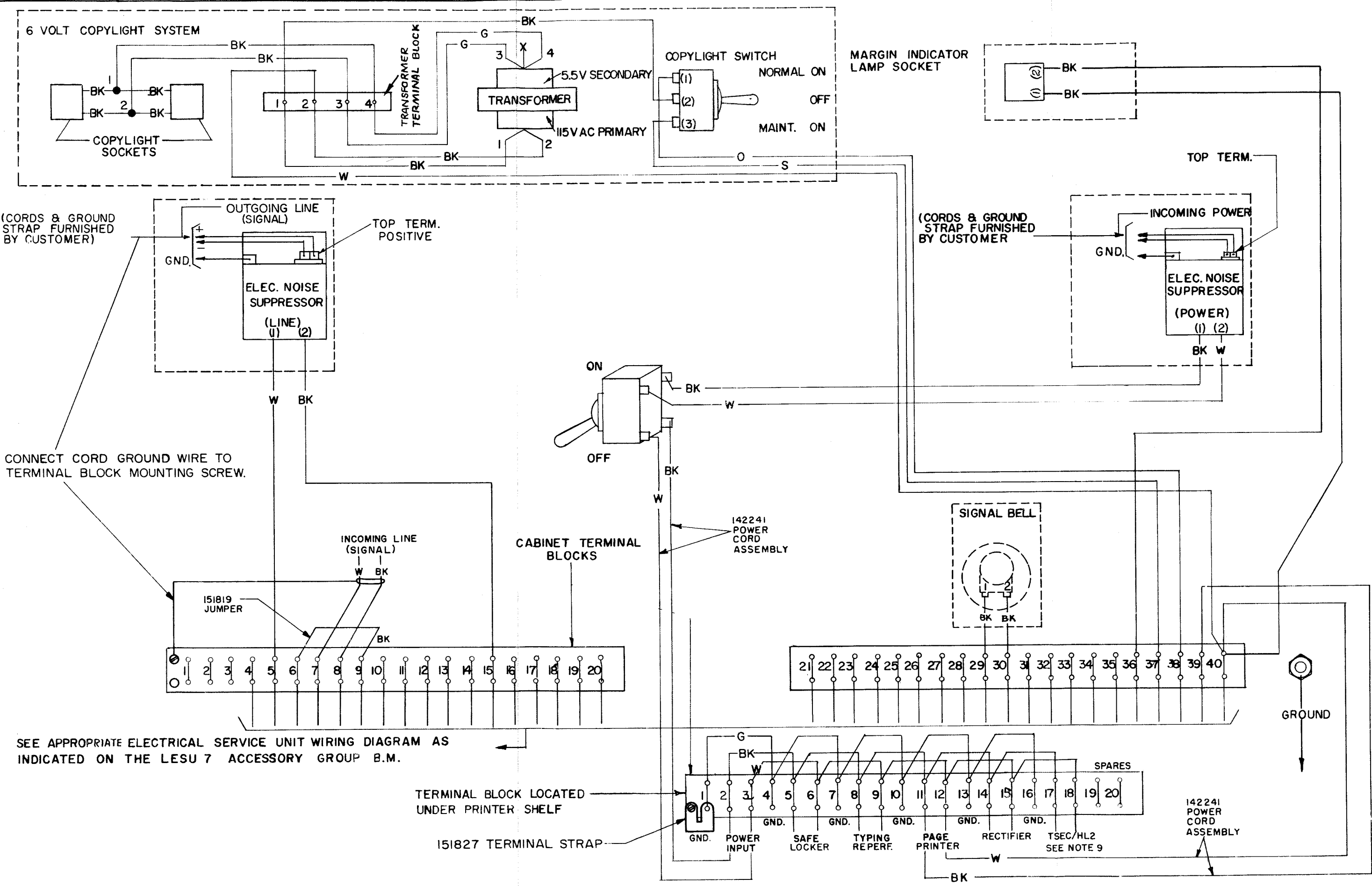
ENGD. T.T.H. APPD.

TELETYPE CORPORATION

3236 WD

ISSUE	DATE	AUTH. NO.
1	6-25-58	28-9399
2	8-25-58	28-9789
3	4-1-59	28-9804
4	10-10-61	71220
5	8-10-65	88589

- NO. NOTES:
- COLOR CODE:
BK-BLACK P-PURPLE
W-WHITE S-SLATE
R-RED O-ORANGE
G-GREEN
 - X DENOTES SPLICED, SOLDERED & TAPED WIRES.
 - COMPONENTS SHOWN DOTTED ARE ACCESSORIES TO CABINET.
 - USE POWER & SIGNAL LINE INTERFERENCE SUPPRESSORS FOR INSTALLATIONS REQUIRING MINIMUM R.F. INTERFERENCE. FOR OTHER INSTALLATIONS, OMIT SUPPRESSORS & CONNECT INPUTS DIRECTLY TO TERMINALS SHOWN.
 - COMPONENTS SHOWN DOTTED ARE ACCESSORIES TO CABINET.
 - CABINET POWER CIRCUIT WIRED FOR 115 V. 50-60 \sim A.C. OPERATION ONLY. THE ASSOCIATED ELECTRICAL SERVICE UNIT MUST BE WIRED FOR A.C. OPERATION.
 - NECESSARY STRAP CONNECTIONS AT THE CABINET TERMINAL BLOCKS ARE SHOWN ON THE ASSOCIATED ELECTRICAL SERVICE UNIT WIRING DIAGRAM SEE THE LESU 7 ACCESSORY GROUP B.M. FOR THE DIAGRAM NUMBER.
 - CONNECTOR VIEWED FROM SOLDER TERMINAL END.
 - IT MAY BE NECESSARY TO INTERCHANGE THE INPUT LEADS IF AUTOMATIC TRANSMISSION OF CR LF IS INOPERATIVE.



CONNECT CORD GROUND WIRE TO TERMINAL BLOCK MOUNTING SCREW.

SEE APPROPRIATE ELECTRICAL SERVICE UNIT WIRING DIAGRAM AS INDICATED ON THE LESU 7 ACCESSORY GROUP B.M.

TERMINAL BLOCK LOCATED UNDER PRINTER SHELF

151827 TERMINAL STRAP

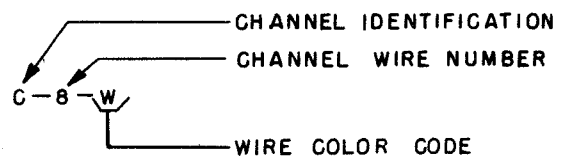
ACTUAL WIRING DIAGRAM FOR MODEL 28 PRINTER CABINET LAC 207 ACCESSORY GROUP 248

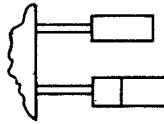
APPROVALS

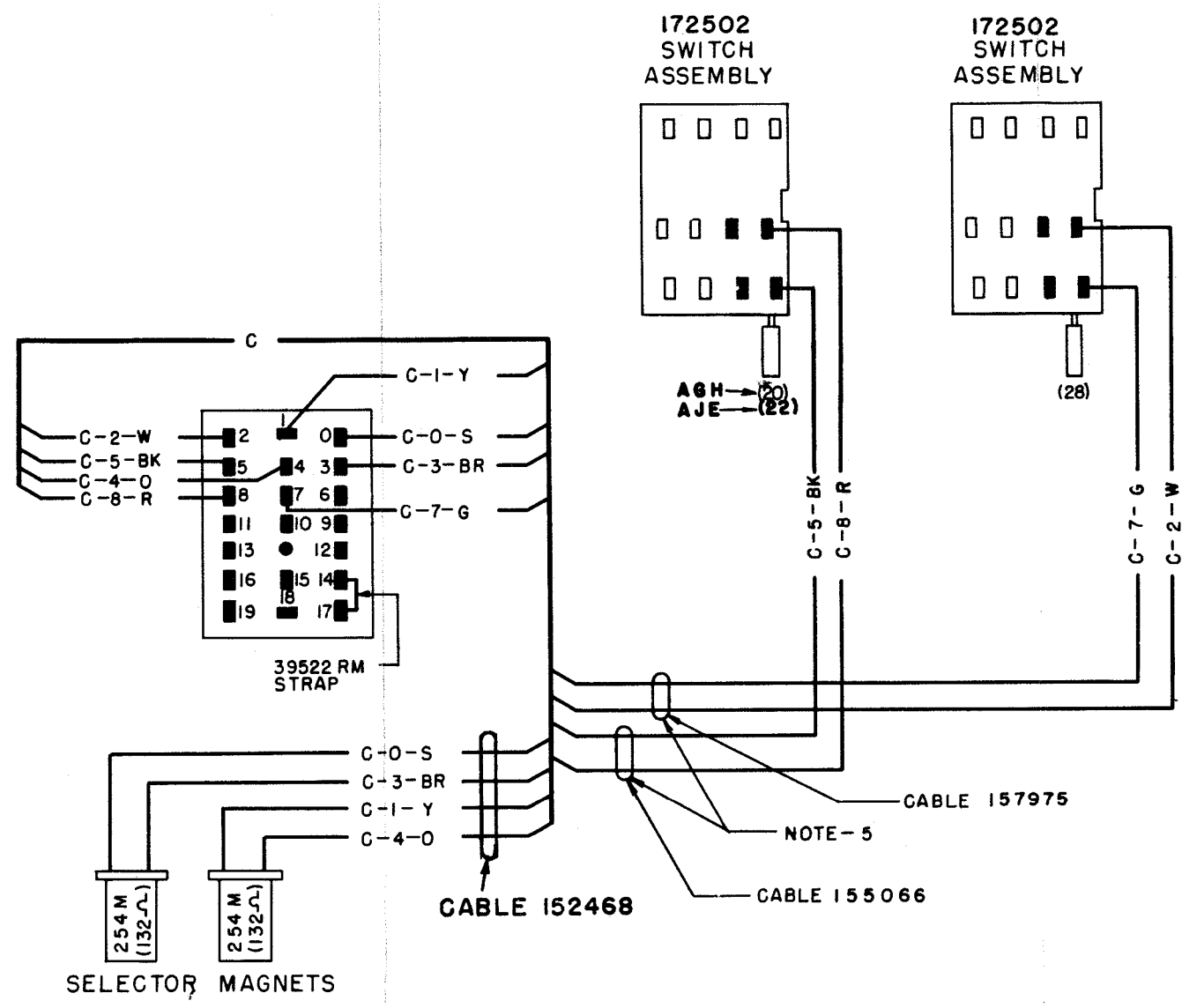
D & P	E OF M
<i>[Signature]</i>	<i>[Signature]</i>
E-NO.	
PROD. NO.	
DATE 4-18-58	
RD. FILE NO. 1-55.80AA	
DRAWN W.A.W.	CHKD. R.S.
ENG. R.S.S.	APPD. <i>[Signature]</i>
TELETYPE CORPORATION	
3490 WD	

3813 WD

ISSUE	DATE	AUTH. NO.
A	1/25/60	28-12505
B	10-14-60	28-13541
C	8-20-62	74211
D	5-20-63	76966

- NO. NOTES:**
1. WIRING CHANNEL DESIGNATED BY "C" DOES NOT REPRESENT CABLE BUT ASSISTS IN TRACING CONNECTIONS.
 2. CHANNEL LEGEND

 3. COLOR CODE:

BK - BLACK	O - ORANGE
R - RED	Y - YELLOW
W - WHITE	S - SLATE
G - GREEN	BR - BROWN
 4. CONNECTORS VIEWED FROM SOLDERED TERMINAL ENDS.
 5. THESE CABLES ARE FURNISHED WITH STUNT BOX.
 6. 
 - NORMALLY OPEN CONTACT
 - NORMALLY CLOSED CONTACT



ACTUAL WIRING DIAGRAM
 MODEL 28
 TYPING UNIT
 LP, 14, 108
 STUNT BOX
 ARRANGT. AGH, AJE

APPROVALS

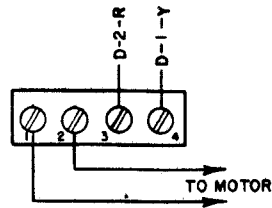
D AND R	E OF M
<i>[Signature]</i>	<i>[Signature]</i>

E-NUMBER
 PROD. NO. 3813 WD
 DATE: 10-10-59
 P.D. FILE NO. 5-30.65/120.125A
 DRAWN. E. M. CHKD. *[Signature]*
 ENGD. R.H.L. APPD. *[Signature]*

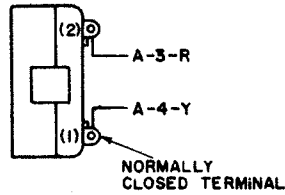
TELETYPE CORPORATION
3813 WD

NO.	NOTES
1.	POWER CIRCUITS WIRED FOR 115 V AC OR DC OPERATION.
2.	WIRE COLOR CODE: BK - BLACK P - PURPLE BR - BROWN G - GREEN BL - BLUE Y - YELLOW W - WHITE O - ORANGE R - RED S - SLATE
3.	CONNECTORS VIEWED FROM SOLDER TERMINAL ENDS.
4.	LK53 EMPLOYS NEGATIVE VOLTAGE FOR MARKING CONTACT. UPPER R.F. FILTER IS CONNECTED TO MARKING CONTACT. LOWER R.F. FILTER IS CONNECTED TO SPACING CONTACT.
5.	POLARITY MUST BE MAINTAINED ONLY WHEN I74422 FILTER IS USED. POLARITY MAY BE DISREGARDED WHEN I74421 FILTER IS USED. COLOR CODING OF FILTER LEADS DOES NOT APPLY TO I74421 FILTER.
6.	WIRING LEGEND: — DISTANT TERMINATING AREA — DISTANT TERMINATING DESIGNINATION — WIRE COLOR CODE D-2-R

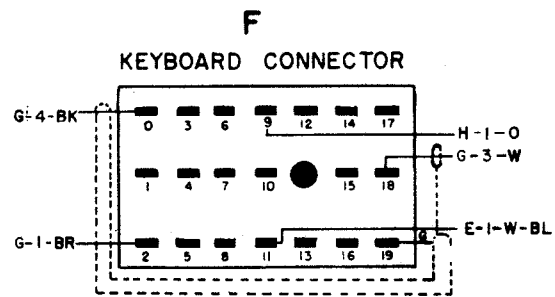
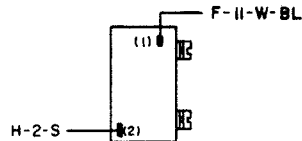
A
MOTOR TERMINAL BLOCK



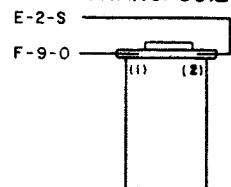
D
MARGIN INDICATOR SWITCH



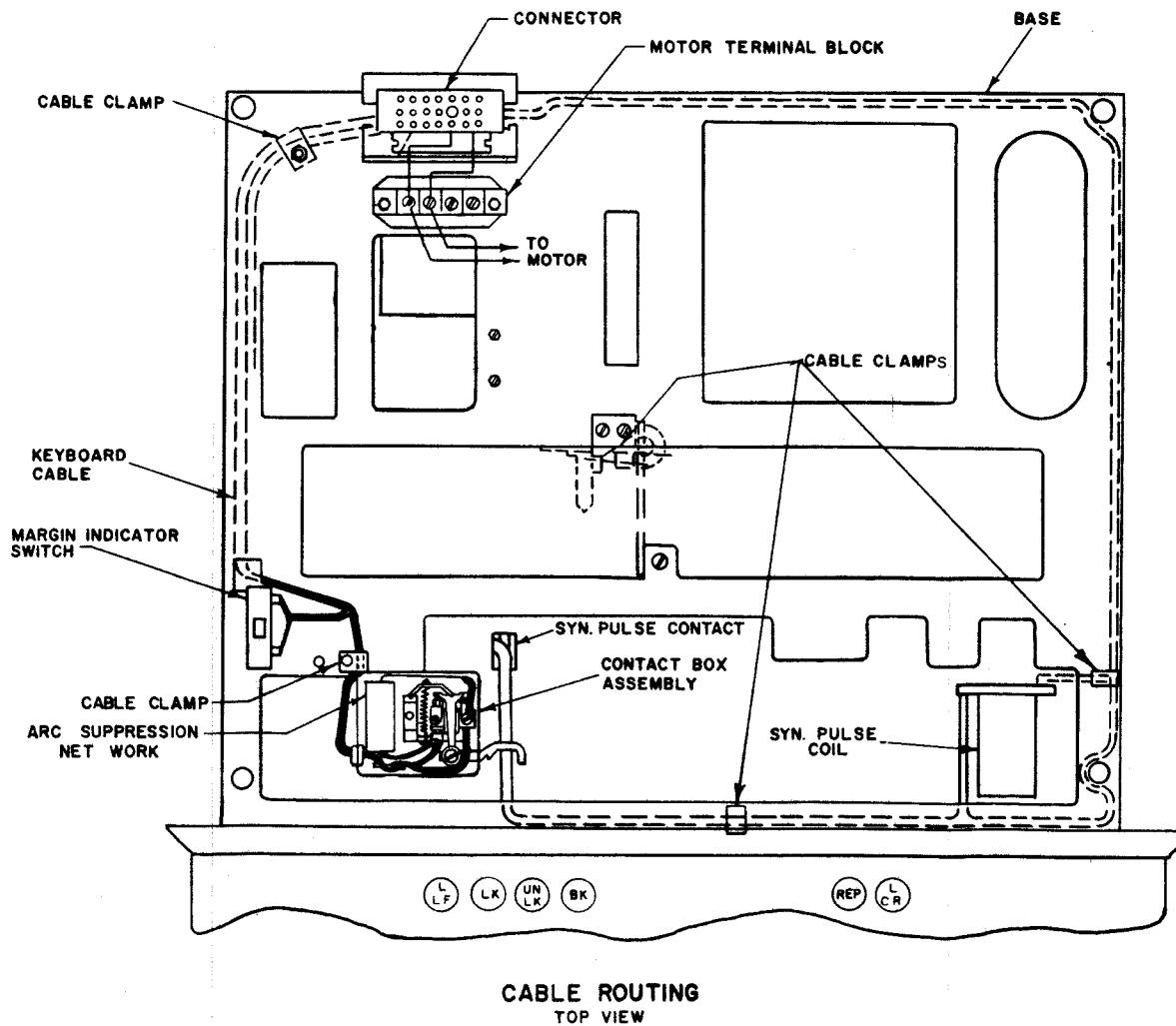
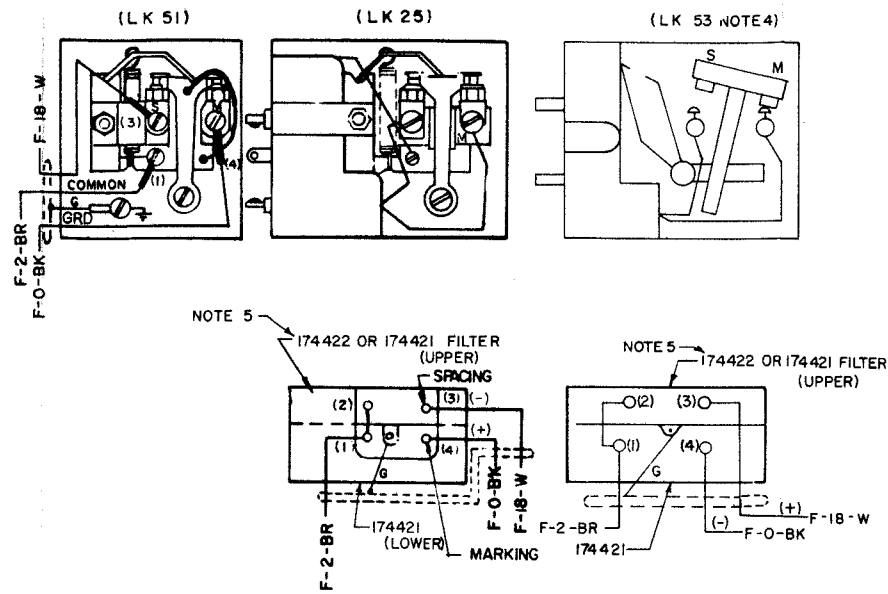
E
SYN. PULSE TRANS. CONTACT



H
SYN. PULSE TRANS. COIL



G
CONTACT BOX ASSEMBLIES



4262 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
2	9-24-60	CC-94
3	11-18-60	CE-182
4	11-23-62	75190
5	4-16-64	79225-7
6	9-8-64	79225-10
7	4-1-65	79225-13
8	9-15-66	91295-RC

ACTUAL WIRING DIAGRAM FOR MODEL 28 KEYBOARD LK25 LK51 LK53

APPROVALS

D AND R	E OF M
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E-NUMBER

PROD. NO. 4262WD

DATE 6-8-60

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

DRAWN P.K.

CHKD.

ENGD. D.C.L.

APPD.

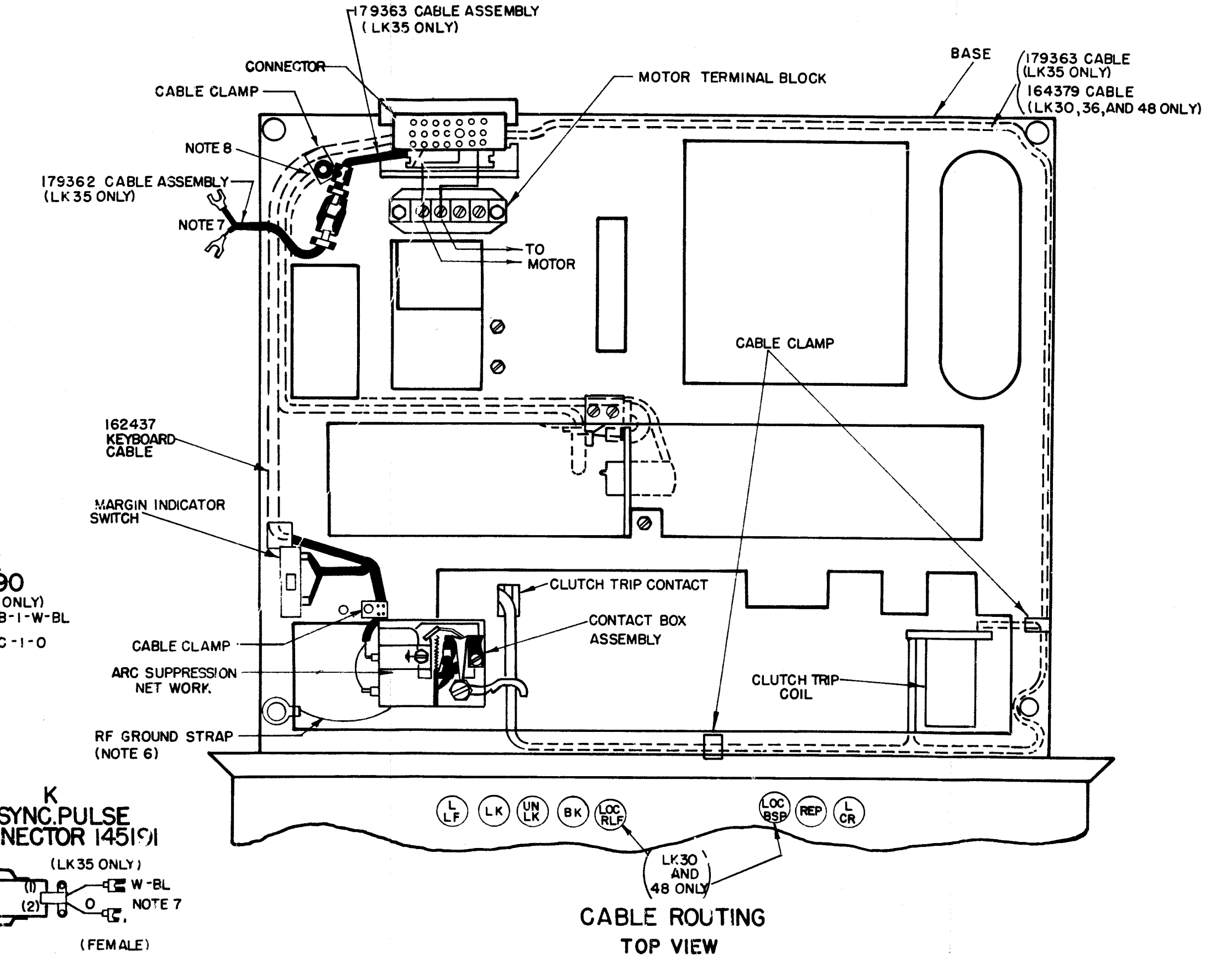
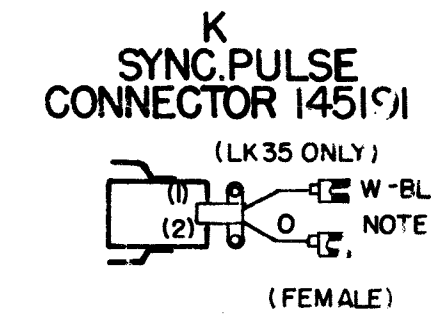
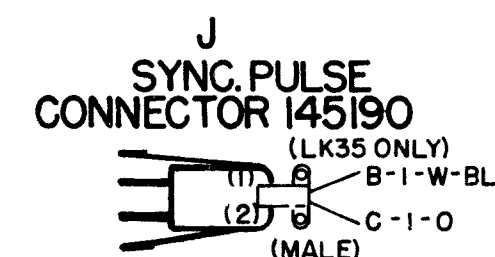
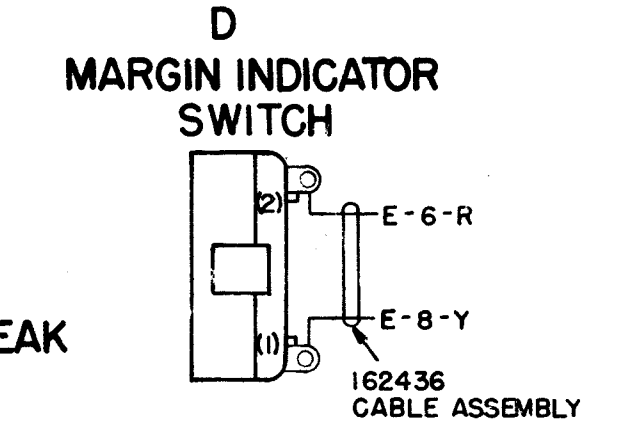
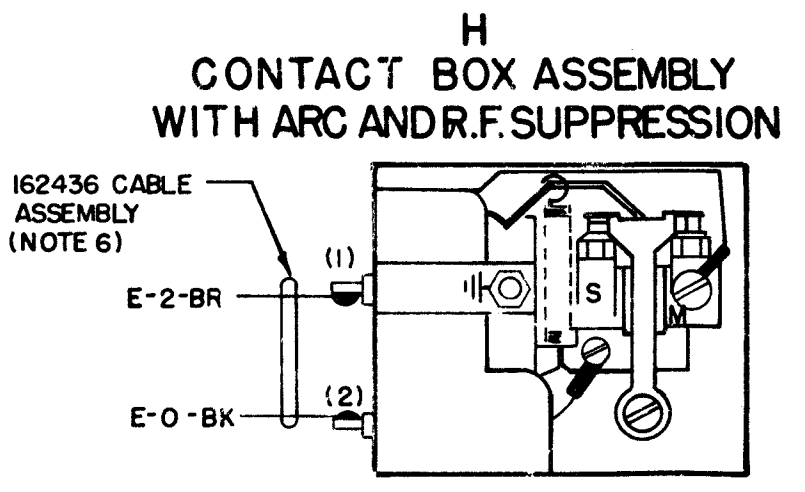
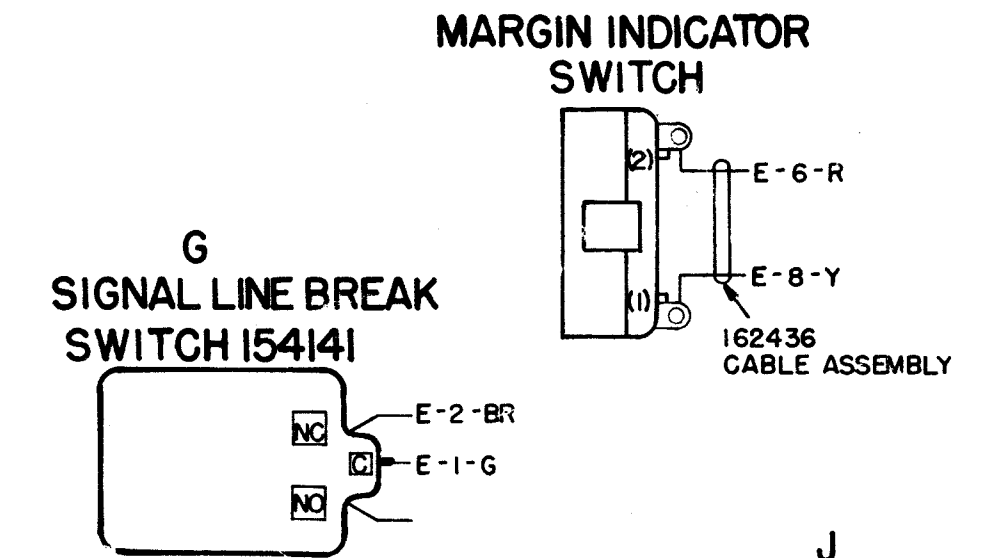
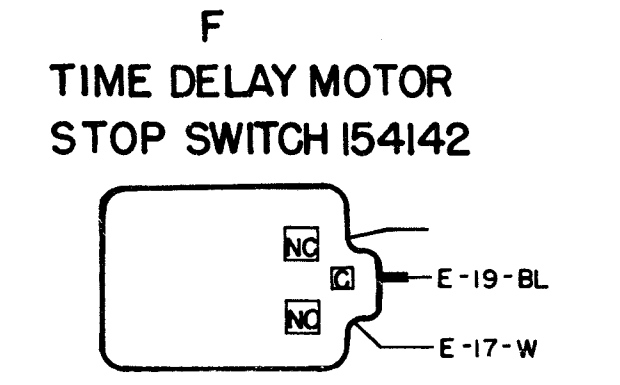
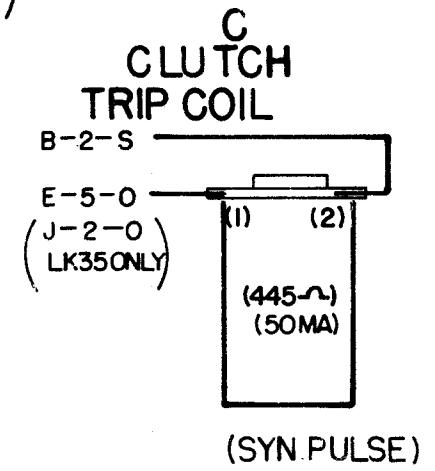
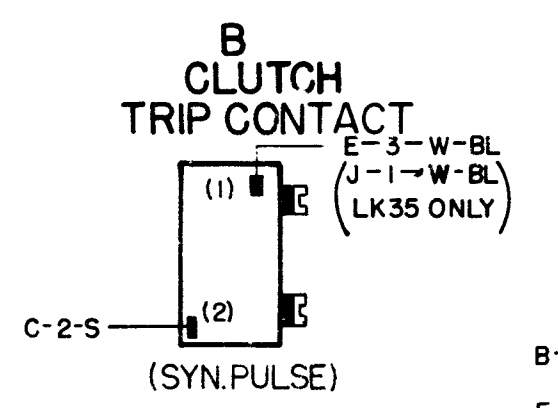
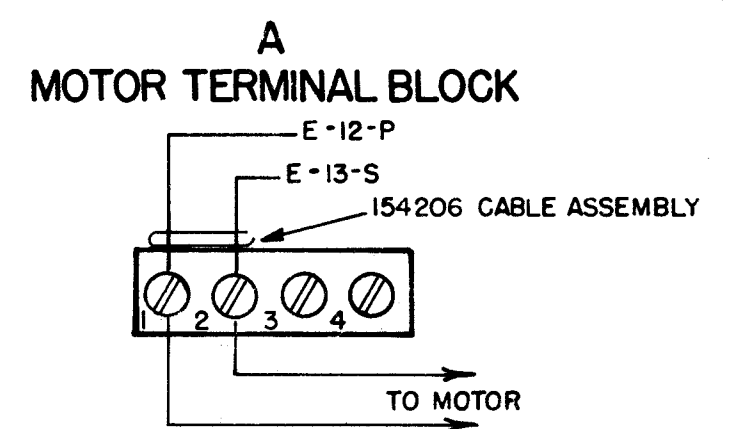
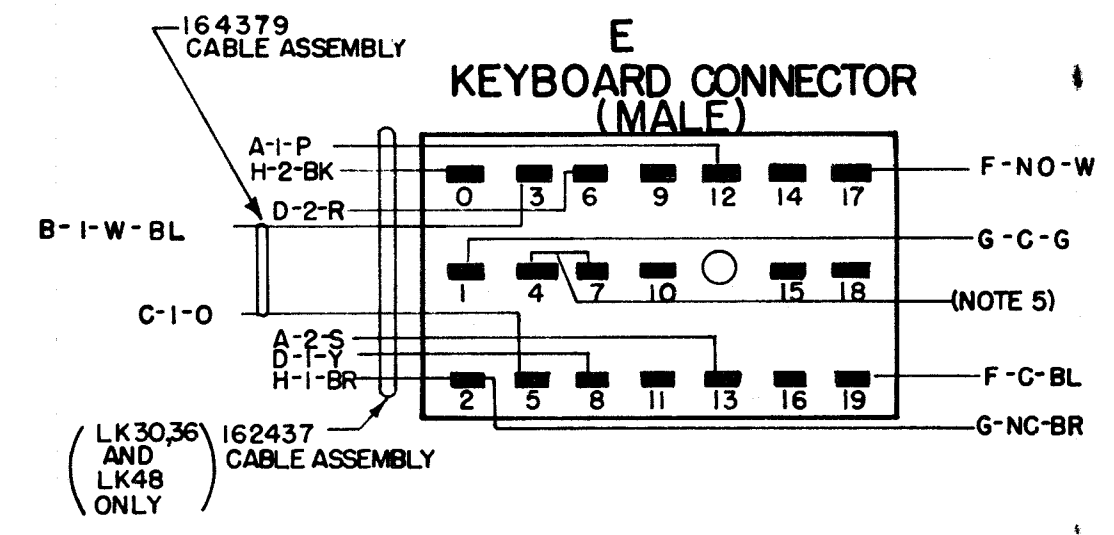
TELETYPE CORPORATION

4262WD

- NOTES**
- POWER CIRCUITS WIRED FOR 115 V. AC OR DC OPERATION.
 - WIRE COLOR CODE

BK	BLACK	BL	BLUE	BR	BROWN
R	RED	Y	YELLOW	S	SLATE
P	PURPLE	O	ORANGE	WBL	WHITEBLUE
G	GREEN	W	WHITE		
 - CONNECTORS VIEWED FROM SOLDER TERMINAL ENDS.
 - WIRING LEGEND

—	DISTANT TERMINATING AREA
—	DISTANT TERMINAL DESIGNATION
C-B-R	WIRE COLOR CODE
 - STRAP NECESSARY FOR OPERATION WITH LESU 7.
 - GROUND STRAP TERMINATES AT TOP OF KEYBOARD BASE LOWER PLATE BY MEANS OF LEFT FRONT 151549 KEYBOARD SPECIAL MOUNTING SCREW.
 - (LK35 ONLY) UNCOIL ROUTE, AND CONNECT 179362 CABLE TO TWO OPEN CABINET TERMINALS, TYING UP ANY SLACK.
 - MOUNT THE 179363 CABLE TO THE KEYBOARD WITH 121243 CABLE CLAMP (LK35 ONLY)



4718 WD		
REVISIONS		
ISSU	DATE	AUTH. NO.
1	4-10-62	73052
2	8-26-62	74368
3	11-29-62	75189
4	10-17-63	78576
5	12-12-63	79720

ACTUAL WIRING DIAGRAM FOR MODEL -28 KEYBOARD LK30,35, 36 AND 48

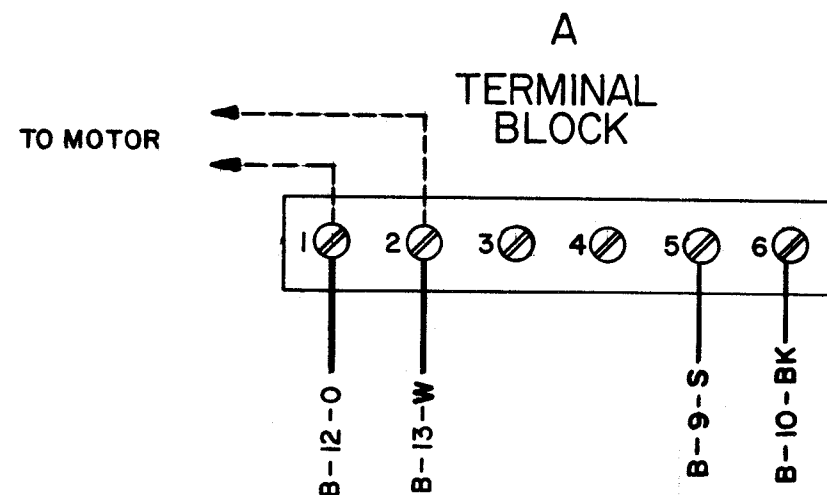
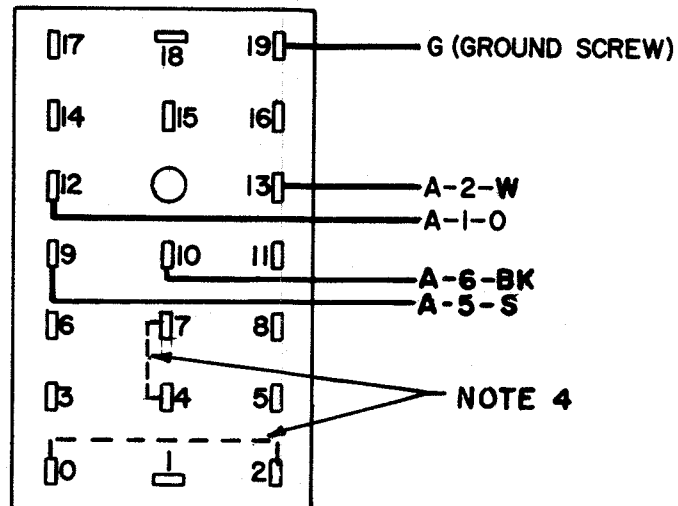
APPROVALS	
R AND D	E OF M
E-NUMBER	
PROD. NO. 4718 WD	
DATE: 12-4-61	
R. & D. FILE NO. 2-1E 65AA	
DRAWN R.S.	CHKD
ENGD. DAK	APPD.
TELETYPE CORPORATION	
4718 WD	

4763 WD

ISSUE	DATE	AUTH. NO.
A	1-6-62	72126
B	2-2-62	72334
C	8-29-63	77884

- NO. NOTES
- 1 WIRING LEGEND:
- DISTANT TERMINATING AREA
 - DISTANT TERMINAL DESIGNATION
 - WIRE COLOR CODE
- A-I-O
- 2 COLOR CODE:
- BK BLACK
 - O ORANGE
 - S SLATE
 - W WHITE
 - G GREEN
- 3 CONNECTORS VIEWED FROM SOLDER TERMINAL END.
- 4 ON 194795 BASE, STRAP TERMINALS AS SHOWN.
ON 179374 BASE, THESE STRAPS ARE TO BE ADDED WHEN LESU 77 IS USED.

B
KEYBOARD
CONNECTOR



ACTUAL
WIRING DIAGRAM
179374, 193573 & 194795
BASE ASSEMBLIES

APPROVALS

D AND R E OF M

E-NUMBER

PROD. NO. 4763WD

DATE: 8-31-61

P.D. FILE NO. 5-55.65.220A

DRAWN. WPH CHKD. (Signature)

ENG. D.C.L. APPR. (Signature)

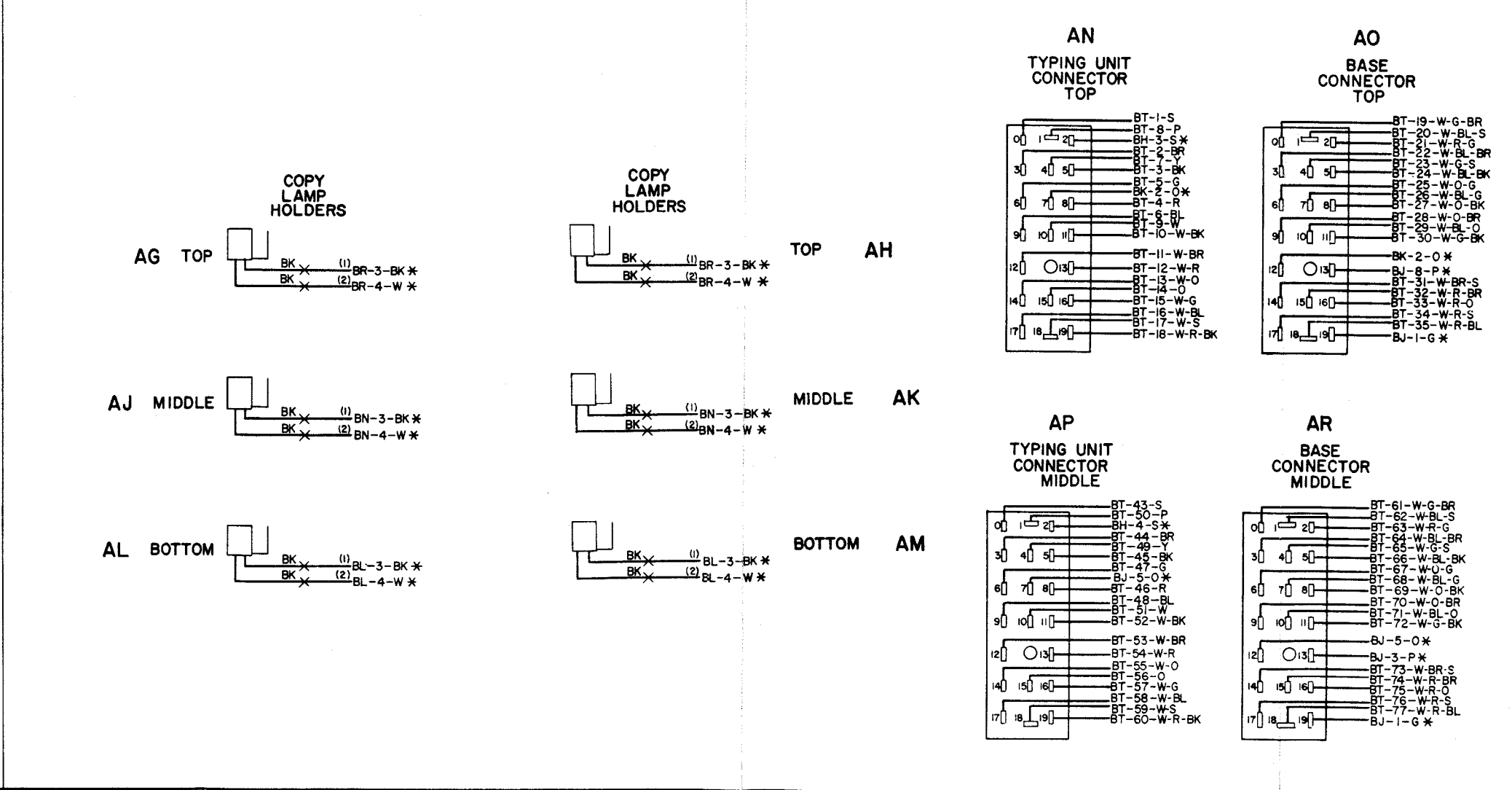
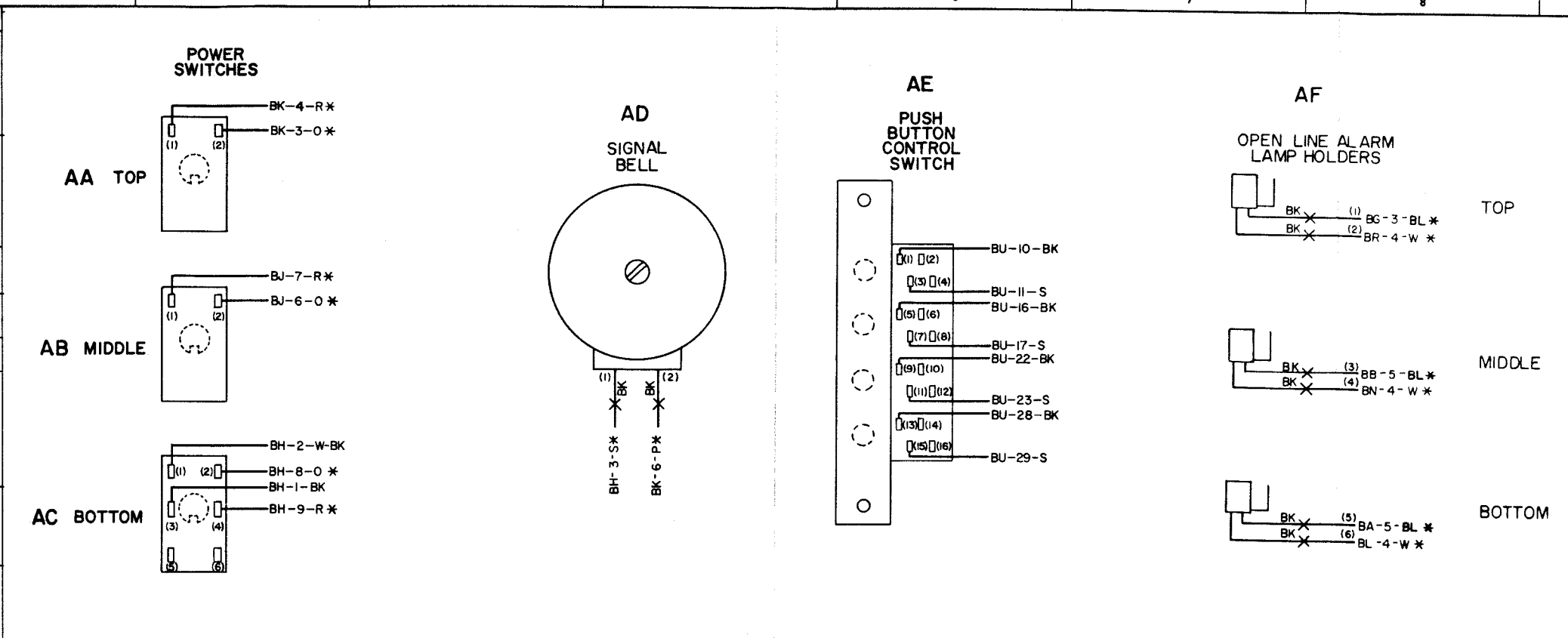
TELETYPE
CORPORATION

4763WD

- 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. CONNECTORS AND SWITCHES VIEWED FROM SOLDERED TERMINAL ENDS.**
 - 4. * MARKED LEADS ARE 18 GA. WIRE, ALL OTHERS ARE 24 GA.**
 - 5. —X— DESIGNATES SPLICE.**
 - 6. (1) INNER SHELL GROUND SCREW IS THE REAR MOUNTING SCREW OF THE CENTER RIGHT SIDE ADAPTOR PLATE.
(2) THE OUTER SHELL GROUND SCREW IS THE LOWER RIGHT MOUNTING SCREW OF THE FIXED PANEL.**
 - 7. LBAC248 ONLY
REMOVE STRAPS FROM 75 TO 81, 76 TO 82, 100 TO 106, AND 101 TO 107.
ADD A STRAP FROM 81 TO 100.**

1
2
3
4
5
6
7
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9



4946WD

REVISIONS		
ISSUE	DATE	AUTH. NO.
#2	12-10-62	75333
#3	5-14-63	76864
#4	10-15-63	78030

SHEET 1 OF 2

ACTUAL
WIRING DIAGRAM
FOR
LBAC241, 248
UNIVERSAL
CABINETS

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

E-NUMBER

PROD. NO. 4946WD

DATE 3-9-62

P.D. FILE NO. 27-A.65AA

DRAWN W.P.H.	CHKD.
ENGD. D.C.L.	APPD.

TELETYPE CORPORATION

4946WD

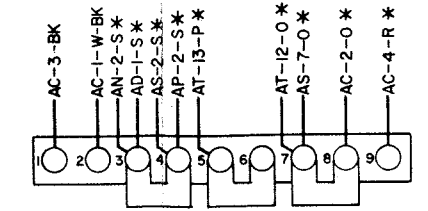
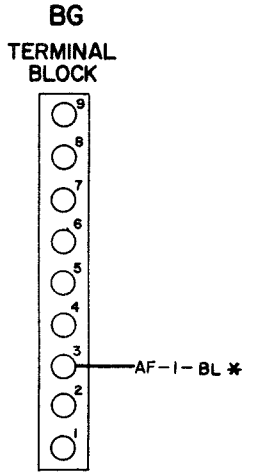
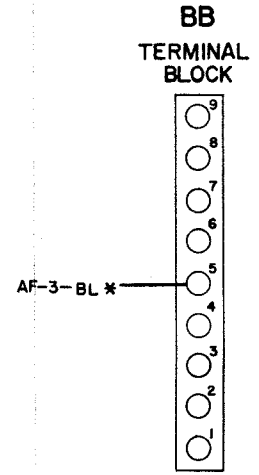
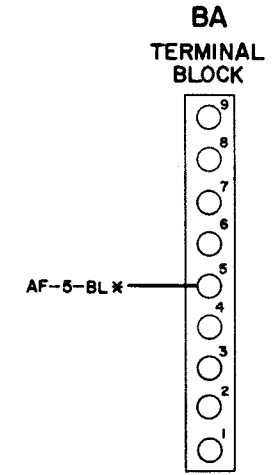
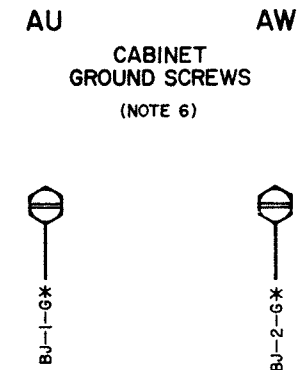
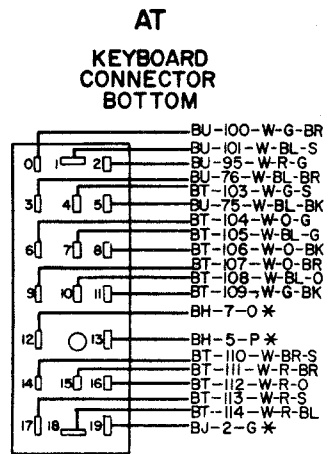
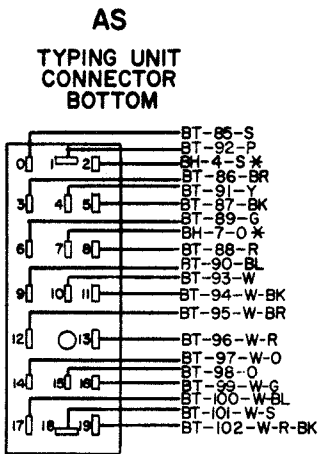
1
2
3
4
5
6
7
8
9

SEE SHEET 1 FOR NOTES.

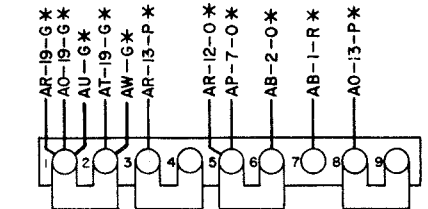
4946WD

REVISIONS

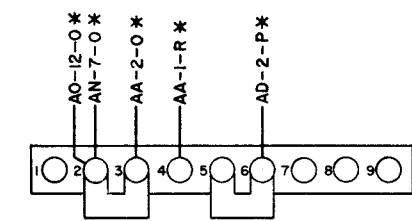
ISSUE	DATE	AUTH. NO.
A2	12-10-62	75333
B3	5-14-63	76864
C4	10-15-63	78030



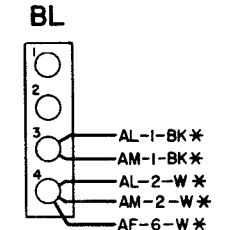
BH
TERMINAL BLOCK



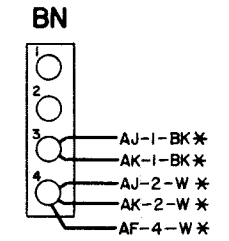
BJ
TERMINAL BLOCK



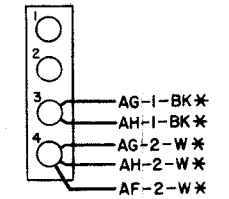
BK
TERMINAL BLOCK



BL
COPY LIGHT
TERMINAL
BLOCK
BOTTOM



BN
COPY LIGHT
TERMINAL
BLOCK
MIDDLE



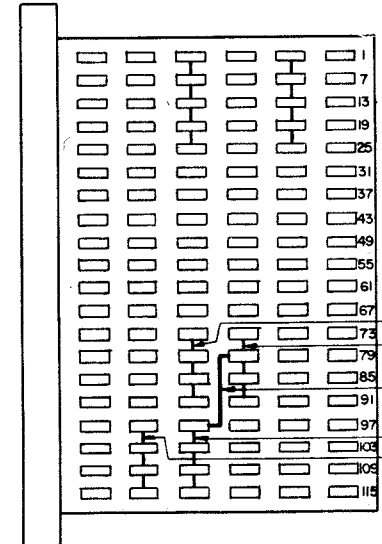
BR
COPY LIGHT
TERMINAL
BLOCK
TOP

BT TERMINAL BOARD LEGEND

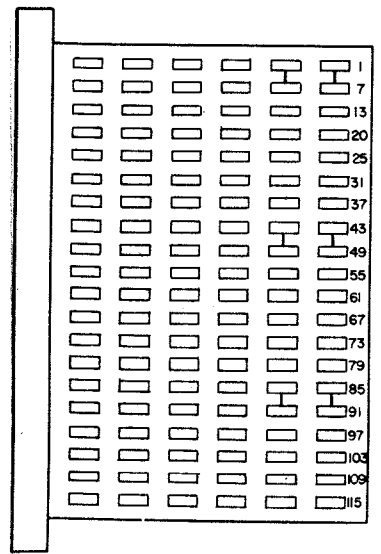
NO.	DESTINATION	NO.	DESTINATION
1	AN-0-S	61	AR-0-W-G-BR
2	AN-3-BR	62	AR-1-W-BL-S
3	AN-5-BK	63	AR-2-W-R-G
4	AN-8-R	64	AR-3-W-BL-BR
5	AN-6-G	65	AR-4-W-G-S
6	AN-9-BL	66	AR-5-W-BL-BK
7	AN-4-Y	67	AR-6-W-O-G
8	AN-1-P	68	AR-7-W-BL-G
9	AN-10-W	69	AR-8-W-O-BK
10	AN-11-W-BK	70	AR-9-W-O-BR
11	AN-12-W-BR	71	AR-10-W-BL-O
12	AN-13-W-R	72	AR-11-W-G-BK
13	AN-14-W-O	73	AR-14-W-BR-S
14	AN-15-O	74	AP-15-W-R-BR
15	AN-16-W-G	75	AR-16-W-R-O
16	AN-17-W-BL	76	AR-17-W-R-S
17	AN-18-W-S	77	AR-18-W-R-BL
18	AN-19-W-R-BK	78	
19	AO-0-W-G-BR	79	
20	AO-1-W-BL-S	80	
21	AO-2-W-R-G	81	
22	AO-3-W-BL-BK	82	
23	AO-4-W-G-S	83	
24	AO-5-W-BL-BK	84	
25	AO-6-W-O-G	85	AS-0-S
26	AO-7-W-BL-G	86	AS-3-BR
27	AO-8-W-O-BK	87	AS-5-BK
28	AO-9-W-O-BR	88	AS-8-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	AS-4-Y
32	AO-15-W-R-BR	92	AS-1-P
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-0-S	103	AT-4-W-G-S
44	AP-3-BR	104	AT-6-W-O-G
45	AP-5-BK	105	AT-7-W-BL-G
46	AP-8-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	AP-4-Y	109	AT-11-W-G-BK
50	AP-1-P	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	AT-18-W-R-BL
55	AP-14-W-O	115	
56	AP-15-O	116	
57	AP-16-W-G	117	
58	AP-17-W-BL	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	AE-1-BK	70	
11	AE-3-S	71	
12		72	
13		73	
14		74	
15		75	AT-5-W-BL-BK
16	AE-5-BK	76	AT-3-W-BL-BR
17	AE-7-S	77	
18		78	
19		79	
20		80	
21		81	
22	AE-9-BK	82	J-6-W-O
23	AE-11-S	83	
24		84	
25		85	
26		86	
27		87	
28	AE-13-BK	88	
29	AE-15-S	89	
30		90	
31		91	
32		92	
33		93	
34		94	
35		95	AT-2-W-R-G
36		96	J-7-W
37		97	
38		98	
39		99	J-2-G
40		100	AT-0-W-G-BR
41		101	AT-1-W-BL-S
42		102	
43		103	
44		104	
45		105	
46		106	J-1-W-R
47		107	J-4-W-Y
48		108	J-5-S
49		109	
50		110	
51		111	
52		112	
53		113	
54		114	
55		115	
56		116	
57		117	
58		118	
59		119	
60		120	



BU
TERMINAL BOARD
NOTE 7



(197846 CABLE ASSEMBLY)

LBAC 248 ONLY

J-3-R

SHEET 2 OF 2

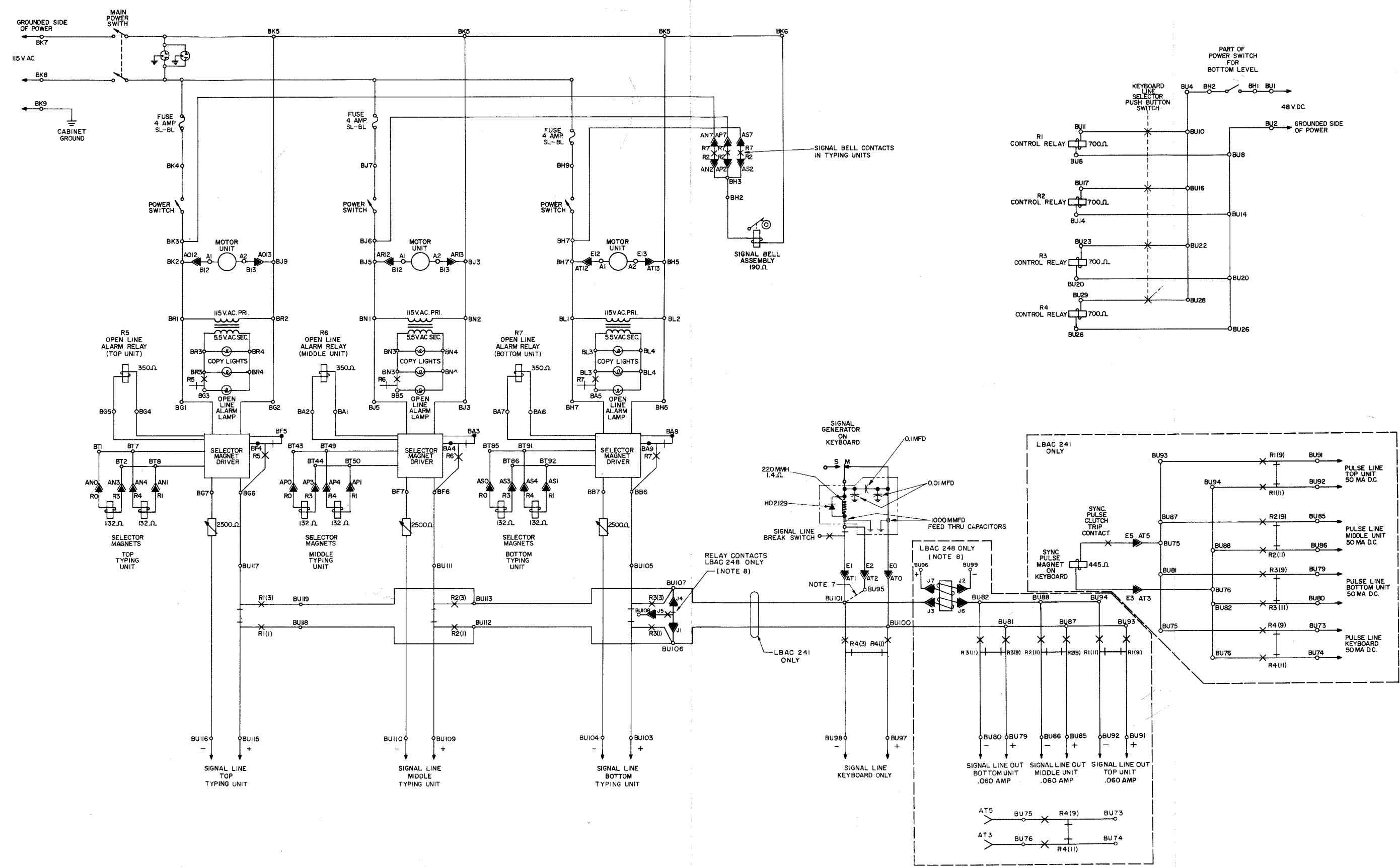
ACTUAL
WIRING DIAGRAM
FOR
LBAC241, 248
UNIVERSAL
CABINETS

APPROVALS
D AND R
E OF M

E-NUMBER
PROD. NO. 4946WD
DATE 3-9-62
P.D. FILE NO. 27-A.65.AA
DRAWN W.P.H. CHKD.
ENGD. D.C.L. APPD.

TELETYPE
CORPORATION
4946WD

1. FOR ACTUAL WIRING DIAGRAMS OF INDIVIDUAL UNITS SEE:
- | WD-NUMBER | UNITS DIRECTLY OPERABLE WITH ELECTRICAL SERVICE UNIT |
|-----------|--|
| 4948WD | CABINET - LBAC241 |
| 4949WD | ELECTRICAL SERVICE ASSEMBLY - 193568 |
| 4718WD | KEYBOARD - LK36 |
| 2900WD | MOTOR UNIT - L MU3, 21 |
| 3214WD | PAGE TYPING UNIT - LPI09 |
| 4765WD | SELECTOR MAGNET DRIVER - 192669 |
2. LEGEND:
- o A MOTOR TERMINAL BOARD
 - o BB SELECTOR MAGNET DRIVER TERMINAL BOARD
 - o BF SELECTOR MAGNET DRIVER TERMINAL BOARD
 - o BG SELECTOR MAGNET DRIVER TERMINAL BOARD
 - o BH TERMINAL BOARD ON ELECTRICAL SERVICE ASSEMBLY
 - o BU TERMINAL BOARD ON ELECTRICAL SERVICE ASSEMBLY
 - o BK TERMINAL BOARD ON ELECTRICAL SERVICE ASSEMBLY
 - o BL COPY LIGHT TERMINAL BLOCK
 - o BN COPY LIGHT TERMINAL BLOCK
 - o BR COPY LIGHT TERMINAL BLOCK
 - o BT TERMINAL BOARD
 - o BU TERMINAL BOARD
- AN TYPING UNIT CONNECTOR (TOP)
 AO BASE CONNECTOR (TOP)
 AP TYPING UNIT CONNECTOR (MIDDLE)
 AR BASE CONNECTOR (MIDDLE)
 AS TYPING UNIT CONNECTOR (BOTTOM)
 AT KEYBOARD CONNECTOR (BOTTOM)
- B BASE CONNECTOR
 E KEYBOARD CONNECTOR
 R TYPING UNIT CONNECTOR
- * NORMALLY OPEN CONTACT
 + NORMALLY CLOSED CONTACT
 RELAY DESIGNATION LEVEL ON RELAY
- R2(3) RELAYS R1, R2, R3, AND R4 ARE E/W EMB CONTACTS.
3. DOT-DASH (---) LINES INDICATE FILTERING, SHIELDING AND SUPPRESSION NETWORKS.
4. ALL APPARATUS IS SHOWN IN UNOPERATED OR DE-ENERGIZED POSITIONS.
5. a. RESISTANCE IN OHMS (Ω)
 b. INDUCTANCE VALUE IN MICROHENRIES (MH)
 c. CAPACITANCE VALUE IN MICROFARADS (MFD)
6. USE SYNCHRONOUS MOTOR ON REGULATED 60± (3 1/2%) AC POWER ONLY. GOVERNED MOTORS AND OTHER POWER CIRCUITS OPERABLE ON 50 TO 60± UNREGULATED AC.
7. UNITS ARE WIRED WITH LINE BREAK SWITCH OPERABLE. IF LINE BREAK IS NOT DESIRED ADD STRAP FROM BU95 TO BU101.
8. LBAC 248 IS EQUIPPED WITH MOUNTING PROVISIONS FOR A CUSTOMER SUPPLIED SPECIAL PULSING CONTROL RELAY (J). R.F. FILTERING AND PROTECTION FOR THE RELAY CONTACTS BETWEEN BU105 AND BU107 WILL BE CUSTOMER-SUPPLIED.
- FOR TEST PURPOSES ONLY A LINE RELAY (RY 30 OR 33) IS SHOWN IN THE CIRCUIT. TO TEST THE CIRCUIT PERFORM THE FOLLOWING:
- APPLY .030 AMP BIAS CURRENT TO TERMINALS BU96 AND BU99.
 - APPLY .060 AMP NEUTRAL SIGNAL LINE CURRENT TO ALL SIGNAL INPUTS AND OUTPUTS.
 - TEMPORARILY INSTALL EITHER RY 30 OR RY 33 TEST RELAY IN RELAY MOUNTING.
 - REMOVE THE ABOVE CURRENTS AND THE TEST RELAY AFTER TESTS ARE COMPLETED.

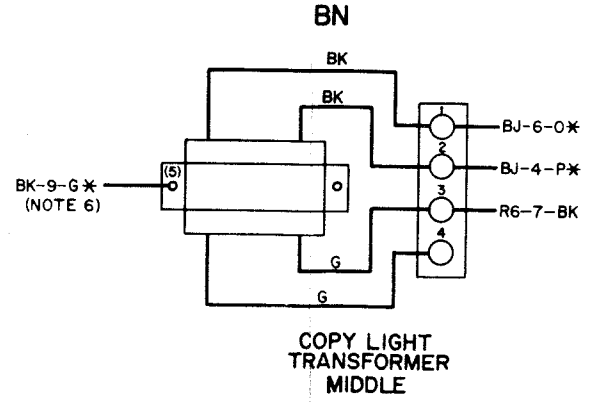
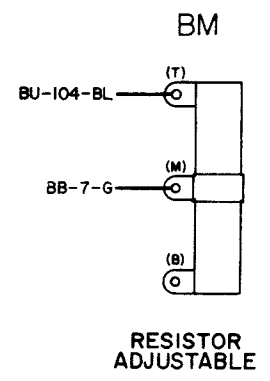
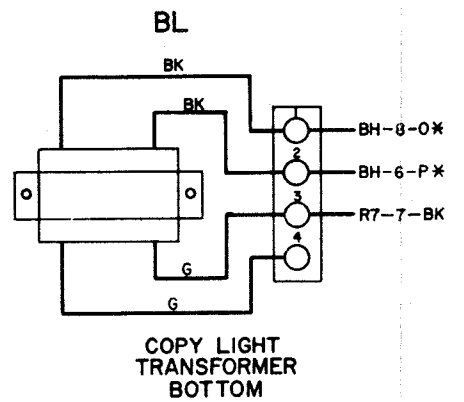
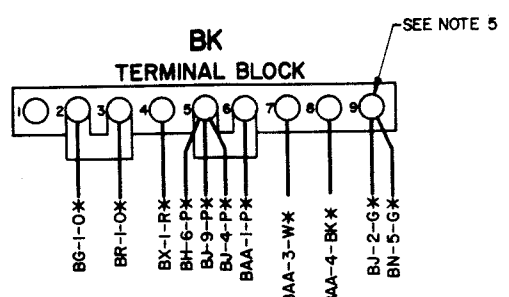
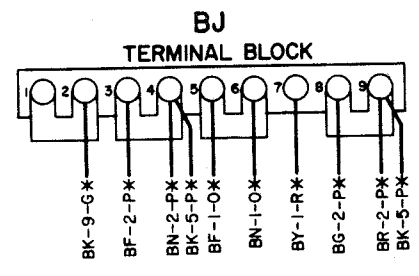
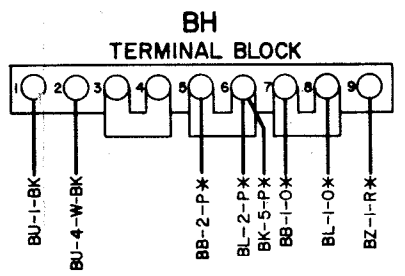
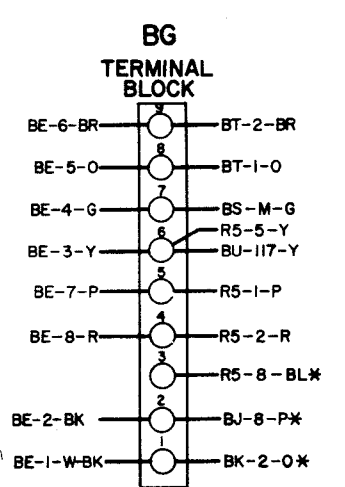
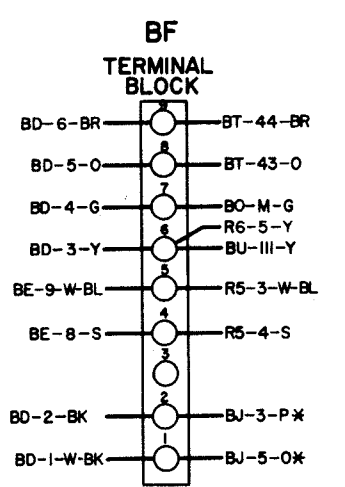
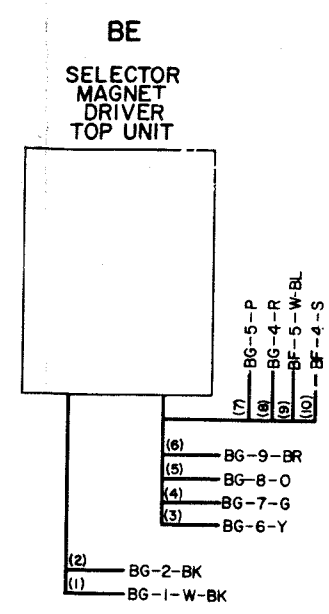
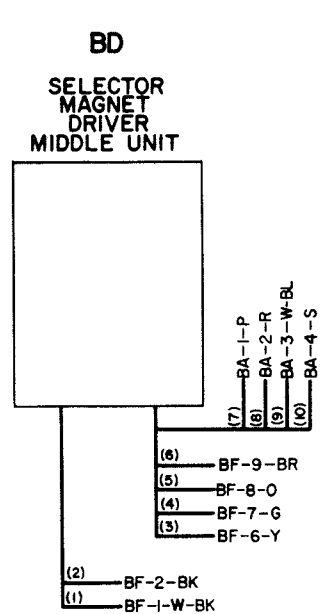
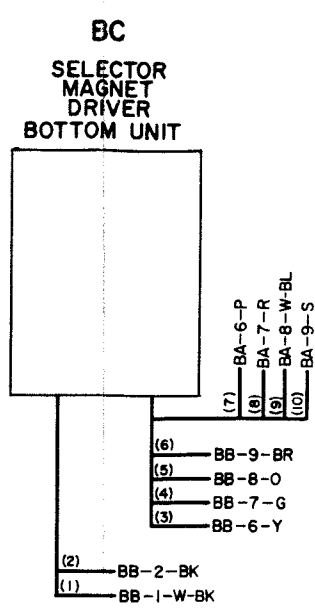
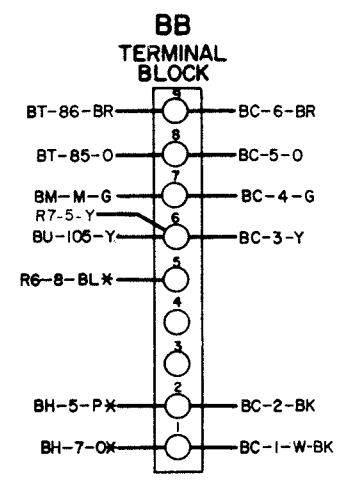
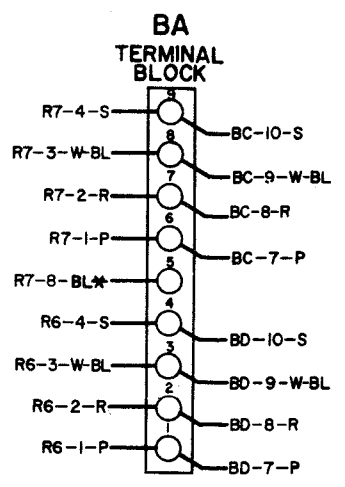


REVISIONS

ISSUE	DATE	AUTH. NO.
A 2	5-14-63	76864
B 3	10-15-63	78031
C 4	12-16-63	79383

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

BK - BLACK	P - PURPLE
BL - BLUE	R - RED
BR - BROWN	S - SLATE
G - GREEN	W - WHITE
O - ORANGE	Y - YELLOW
 - SWITCH AND RELAYS VIEWED FROM SOLDER TERMINAL ENDS.**
 - CIRCUITS SHOWN WIRED FOR .060 AMP. NEUTRAL OPERATION. IF ALTERNATE INPUT OPTIONS ARE REQUIRED, STRAPPING OF SELECTOR MAGNET DRIVERS MUST BE CHANGED.**
 REFER TO 4767WD.
 - CUSTOMER TO INSTALL GROUND WIRE IN THIS POSITION.**
 - ELECTRICAL SERVICE GROUND SCREW IS THE LEFT MOUNTING SCREW OF THE "BN" COPYLIGHT TRANSFORMER.**
 - * INDICATES 18 GA. WIRE.**
 - LBAC248 ONLY:**
 REMOVE STRAPS FROM 75 TO 81, 76 TO 82, 100 TO 106, AND 101 TO 107.
 ADD A STRAP FROM 81 TO 100.



ACTUAL WIRING DIAGRAM FOR 193568 ELECTRICAL SERVICE ASSEMBLY LBAC241, 248

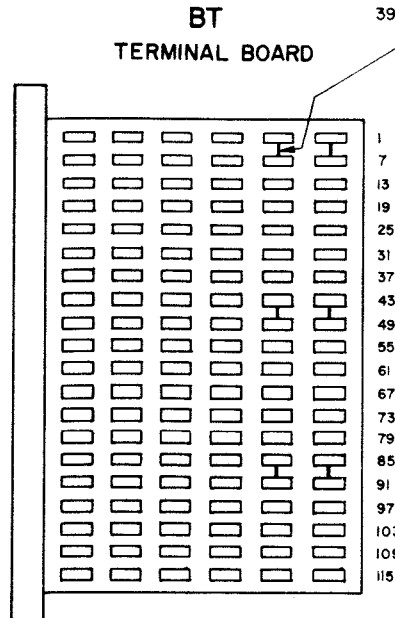
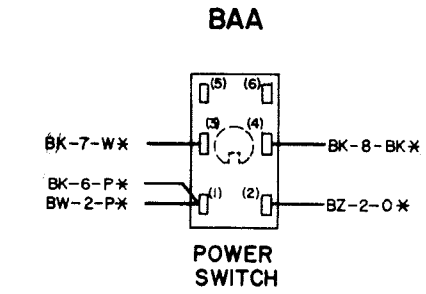
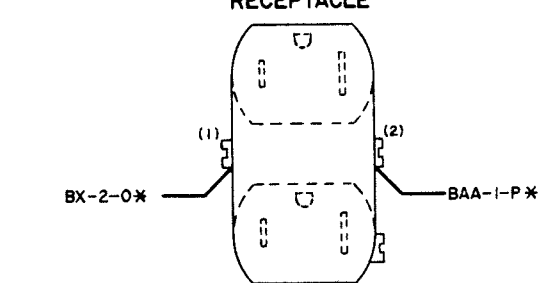
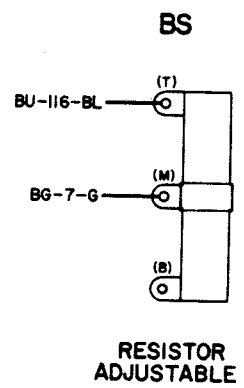
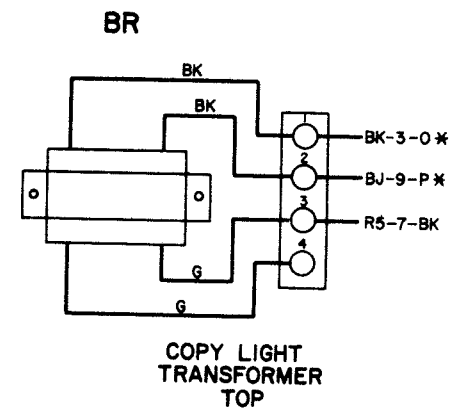
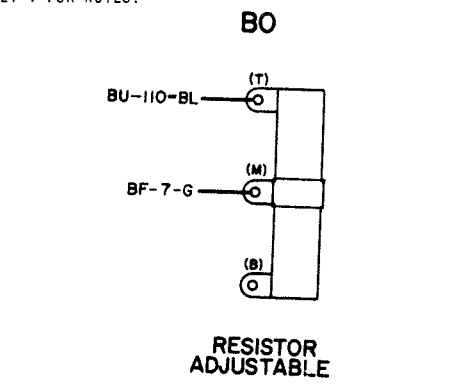
APPROVALS	
D AND R	E OF M
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E-NUMBER	
PROD. NO. 4948WD	
DATE 3-6-62	
P.D. FILE NO. 27-A.65.AA	
DRAWN W.P.H.	CHKD.
ENGD. D.C.L.	APPD.

SEE SHEET 1 FOR NOTES.

4948WD

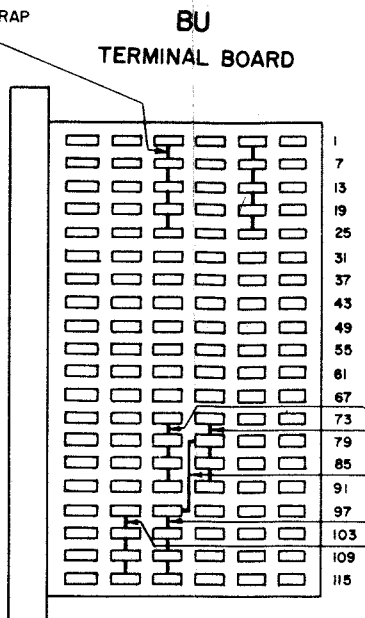
REVISIONS

ISSUE	DATE	AUTH. NO.
A 2	5-14-63	76864
B 3	10-15-63	78031
C 4	12-16-63	79383



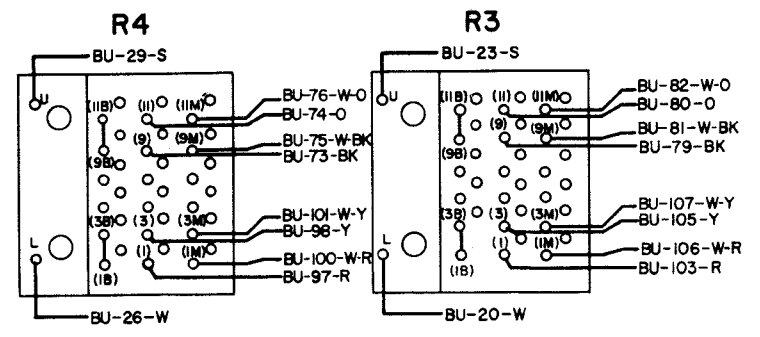
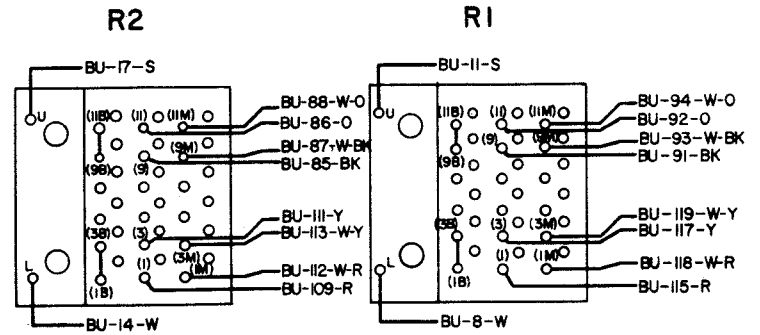
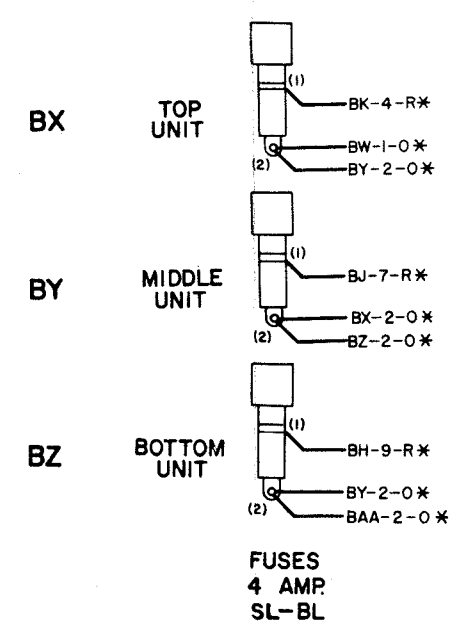
BT TERMINAL BOARD LEGEND

NO.	DESTINATION	NO.	DESTINATION
1	BG-8-O	61	
2	BG-9-BR	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	
16		76	
17		77	
18		78	
19		79	
20		80	
21		81	
22		82	
23		83	
24		84	
25		85	BB-8-O
26		86	BB-9-BR
27		87	
28		88	
29		89	
30		90	
31		91	
32		92	
33		93	
34		94	
35		95	
36		96	
37		97	
38		98	
39		99	
40		100	
41		101	
42		102	
43	BF-8-O	103	
44	BF-9-BR	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	

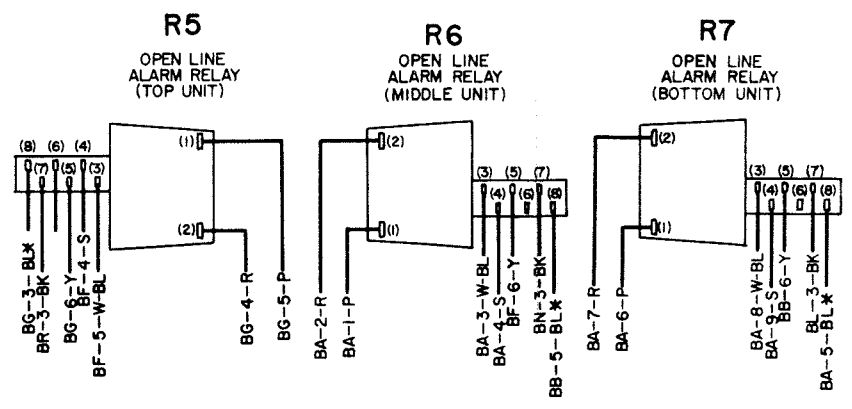


BU TERMINAL BOARD LEGEND

NO.	DESTINATION	NO.	DESTINATION
1	BH-1-BK	61	
2		62	
3		63	
4	BH-2-W-BK	64	
5		65	
6		66	
7		67	
8	RI-L-W	68	
9		69	
10		70	
11	RI-U-S	71	
12		72	
13		73	R4-9-BK
14	R2-L-W	74	R4-11-O
15		75	R4-9M-W-BK
16		76	R4-11M-W-O
17	R2-U-S	77	
18		78	
19		79	R3-9-BK
20	R3-L-W	80	R3-11-O
21		81	R3-9M-W-BK
22		82	R3-11M-W-O
23	R3-U-S	83	
24		84	
25		85	R2-9-BK
26	R4-L-W	86	R2-11-O
27		87	R2-9M-W-BK
28		88	R2-11M-W-O
29	R4-U-S	89	
30		90	
31		91	RI-9-BK
32		92	RI-11-O
33		93	RI-9M-W-BK
34		94	RI-11M-W-O
35		95	
36		96	
37		97	R4-1-R
38		98	R4-3-Y
39		99	
40		100	R4-1M-W-R
41		101	R4-3M-W-Y
42		102	
43		103	R3-1-R
44		104	BM-T-BL
45		105	R3-3-Y, BB-6-Y
46		106	R3-1M-W-R
47		107	R3-3M-W-Y
48		108	
49		109	R2-1-R
50		110	BO-T-BL
51		111	R2-3-Y, BF-6-Y
52		112	R2-1M-W-R
53		113	R2-3M-W-Y
54		114	
55		115	RI-1-R
56		116	BS-T-BL
57		117	RI-3-Y, BG-6-Y
58		118	RI-1M-W-R
59		119	RI-3M-W-Y
60		120	



CONTROL RELAYS



SHEET 2 OF 2

ACTUAL WIRING DIAGRAM FOR 193568 ELECTRICAL SERVICE ASSEMBLY LBAC241, 248

APPROVALS

D AND R	E OF M
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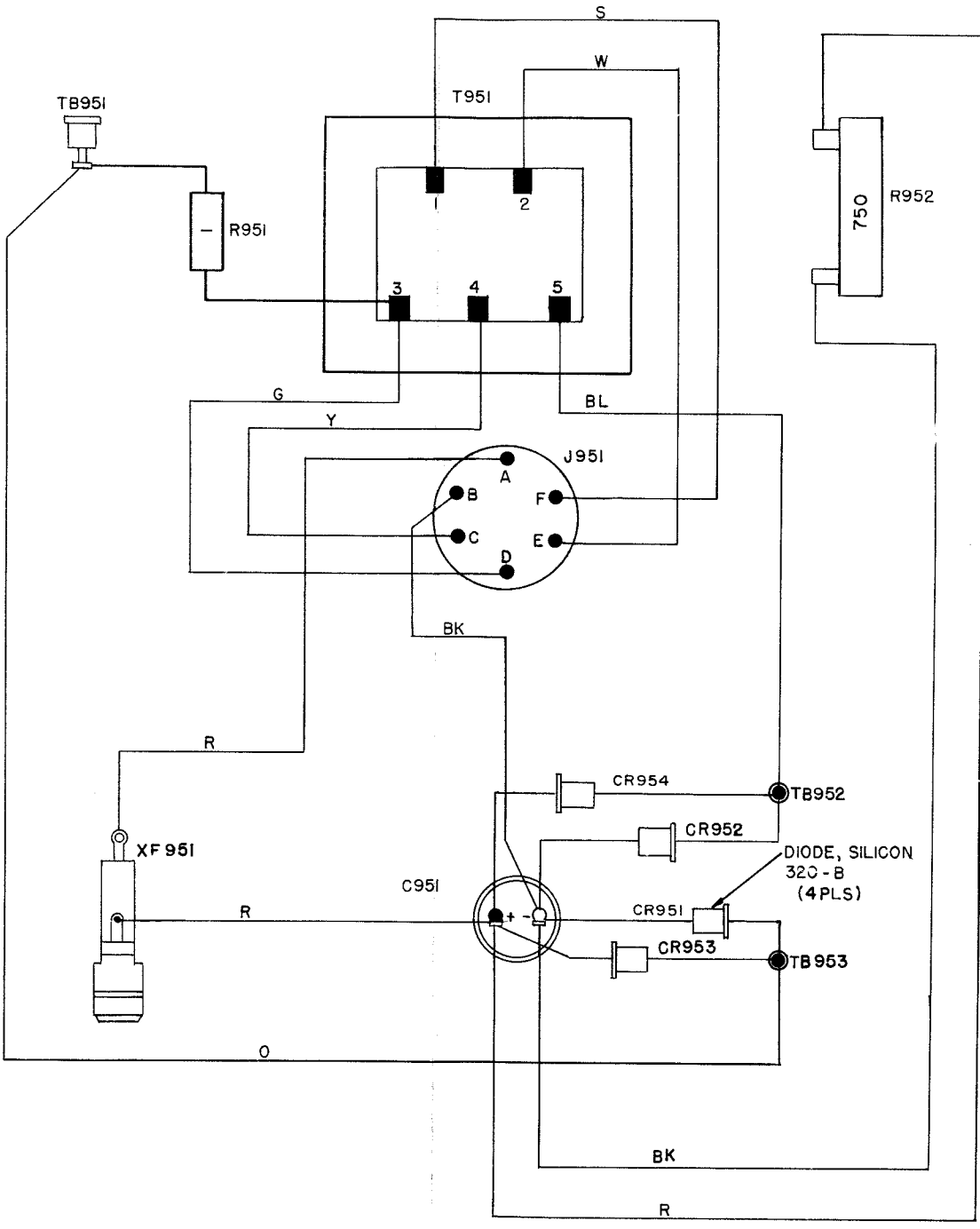
E-NUMBER
PROD. NO. 4948WD
DATE 3-6-62
P.D. FILE NO. 27-A.65.AA
DRAWN W.P.H. CHKD.
ENGD. D.C.L. APPD.

TELETYPE CORPORATION
4948WD

- NOTES
- REFER TO 5166WD FOR SCHEMATIC.
 - ALL WIRES # 20 GA.
 - USE SLEEVING TO INSULATE WHERE NECESSARY.
 - FUSE VALUE:
XF951 - 1 1/2 A

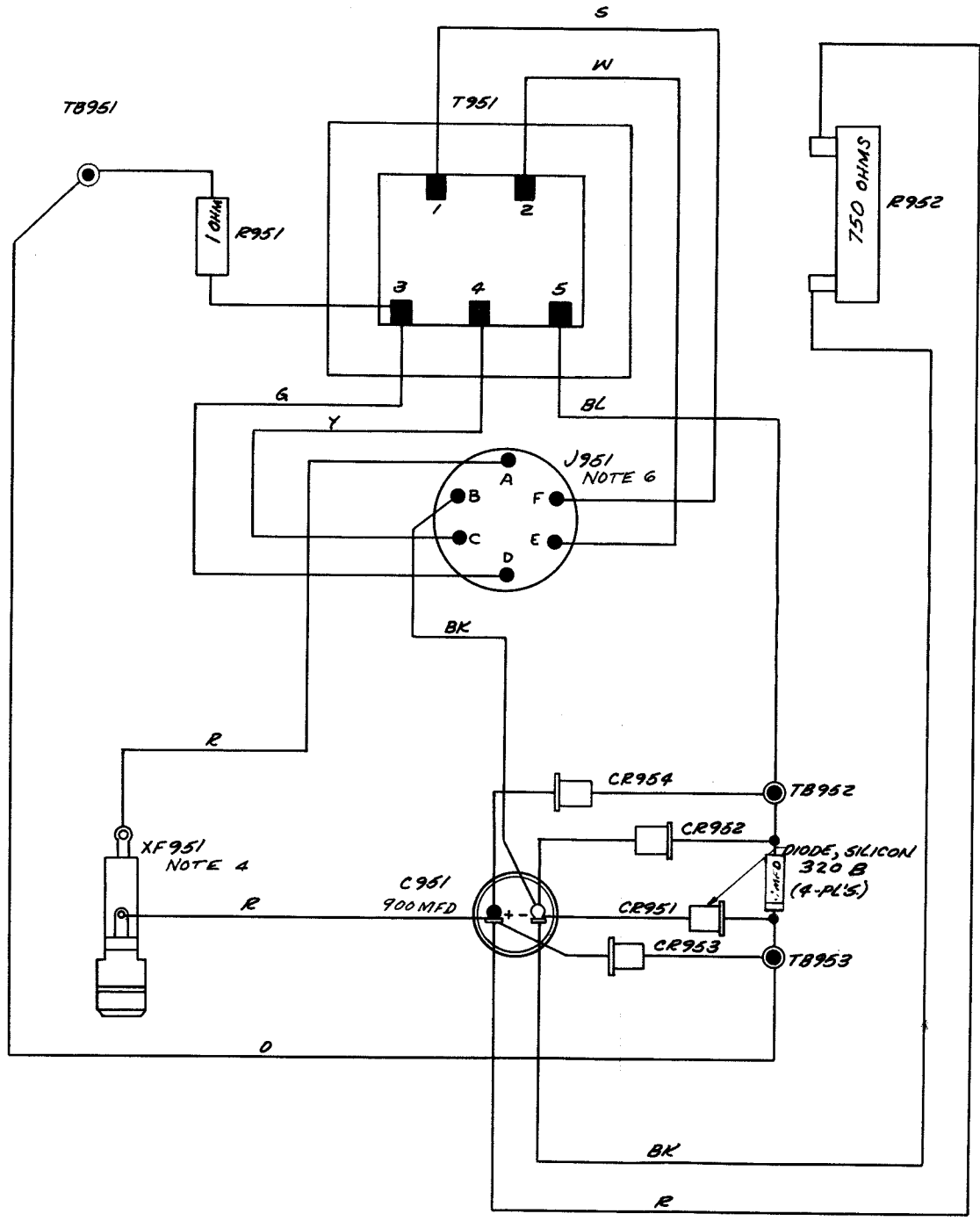
5167 WD			
PARTS REQ.	NO. REQ.	USED ON	NO. REQ.

REVISIONS		
ISSUE NO.	DATE	AUTHOR
A	8-12-59	HS-1091
B	12-16-60	HS-236
C	4-9-63	76572



APPROVALS	
R AND	E OF M
E-NUMBER	
PROD. NO. 5167 WD	
ACTUAL WIRING DIAGRAM FOR 48V, 1A RECTIFIER	
ASSEMBLY NO. 170573	
DATE: 6-12-59	
RD. FILE NO. I-A25.112A	
DRAWN S.G.	CHKD.
ENGD.	APPD.
TELETYPE CORPORATION	
5167WD	

- NO. NOTES**
- REFER TO 5763WD FOR SCHEMATIC.
 - ALL WIRE 20 GA.
 - USE SLEEVING TO INSULATE WHERE NECESSARY.
 - FUSE VALUE
XF951 - 1/2 A
 - WIRE COLOR CODE
WHITE — W
SLATE — S
BLACK — BK
BLUE — BL
GREEN — G
YELLOW — Y
RED — R
ORANGE — O
 - A & B = 48 VDC
C & D = 24 VAC
E & F = 115 VAC INPUT



5762 WD

PARTS REQ.	NO. REQ.	USED ON	NO. REQ.

REVISIONS

ISSUE NO.	DATE	AUTHOR NO.
1	12-12-62	DCA 6548
2	4-6-63	DCA 6558
3	1-23-64	79201
5	6-18-64	82766

ACTUAL
WIRING DIAGRAM
FOR
50/60 CYCLE
48V, 1A
RECTIFIER
ASSEM. NO. 146901

DATE: 8-2-62
P.D. FILE NO. 35-A25 RA
DRAWN N.A.R. CHKD R.J.F.
ENGD. E.J.T. APPD. R.J.F.

APPROVALS
D AND R E OF M

E. NUMBER
PROD. NO. 5762 WD

TELETYPE
CORPORATION
5762 WD

NOTES

WIRING LEGEND:

1. DISTANT TERMINATING AREA
 DISTANT TERMINATING DESIGNATION
 C-1-BL
 WIRE COLOR CODE

2. DENOTES TAPED OR SPLICED AND TAPED WIRES.

COLOR CODE:

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

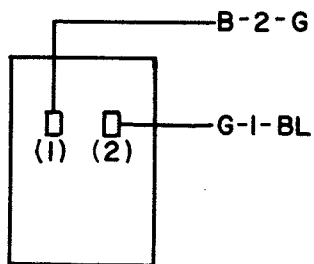
4. USE 60 VOLT LAMP ONLY. TELETYPE PART 153400.

5. USE 6 VOLT LAMPS ONLY. TELETYPE PART 151982.

5831 WD

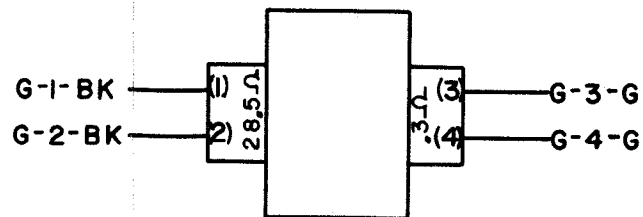
ISSUE	DATE	AUTH. NO.
A	1-14-63	75657

A SWITCH



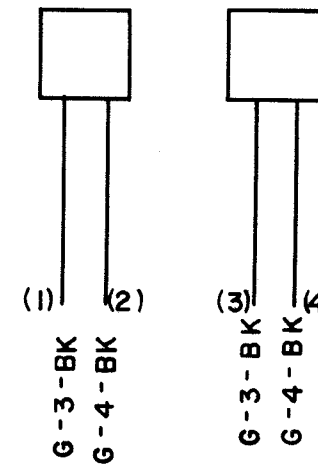
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TRANSFORMER

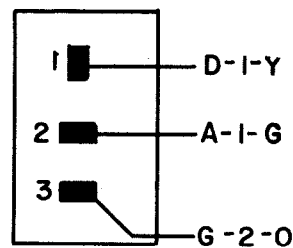


E

COPY LIGHTS (NOTE 5)

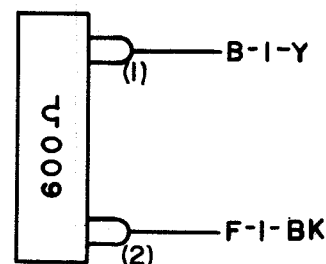


B PLUG



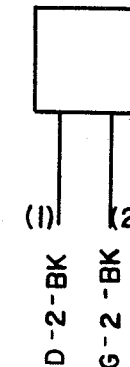
D

RESISTOR



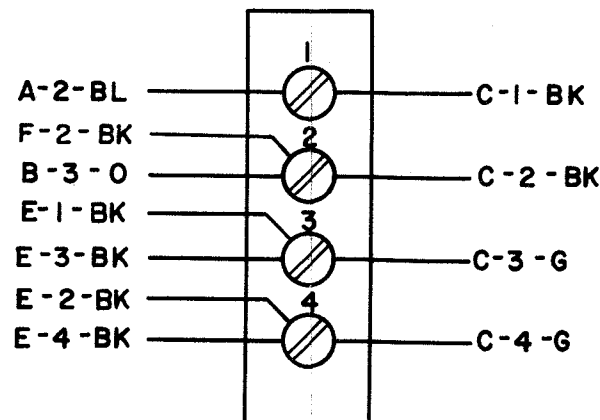
F

MARGIN INDICATOR (NOTE 4)

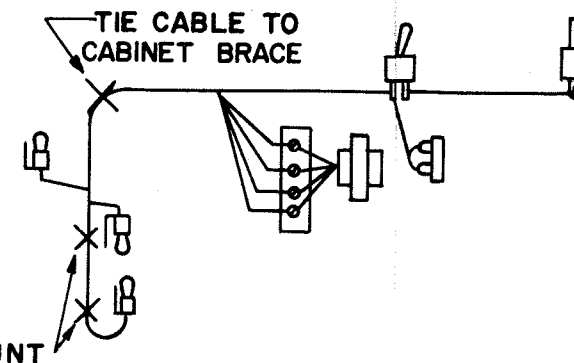


G

TERMINAL



ROUTING OF 194025 CABLE ASSEMBLY



TIE CABLE TO LAMP HOLDER MOUNT

ACTUAL WIRING DIAGRAM FOR MODEL 28 PRINTER COVER LPC 202

APPROVALS

D AND R E OF M

E-NUMBER

PROD. NO. 5831WD

DATE: 4-26-62

P.D. FILE NO. 25-30.65/120AA

DRAWN. E.E. CHKD. *TTC*

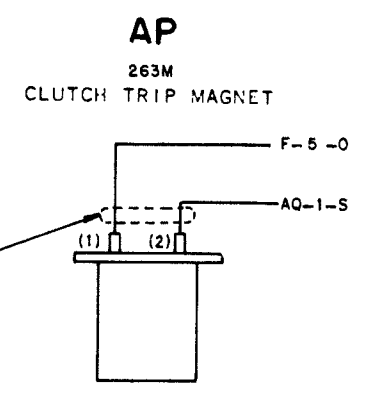
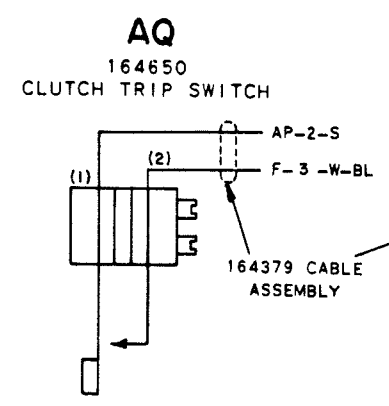
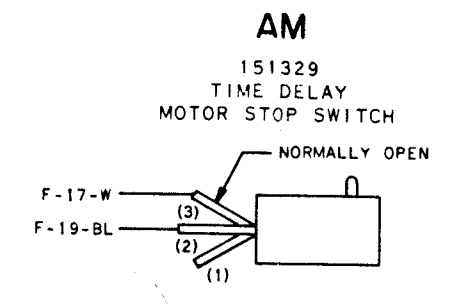
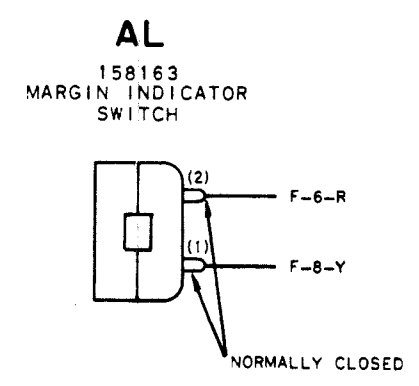
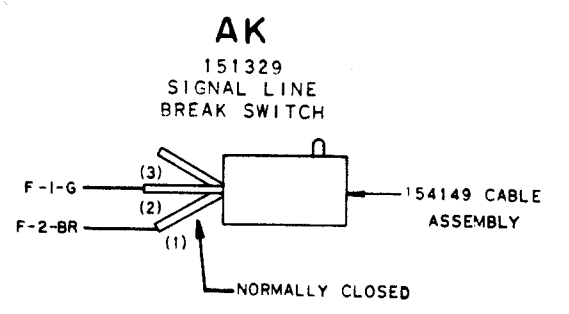
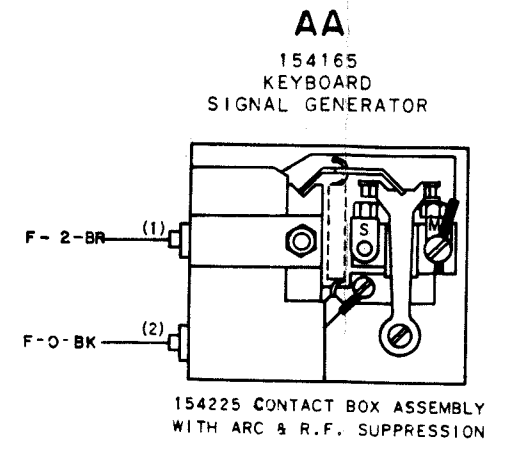
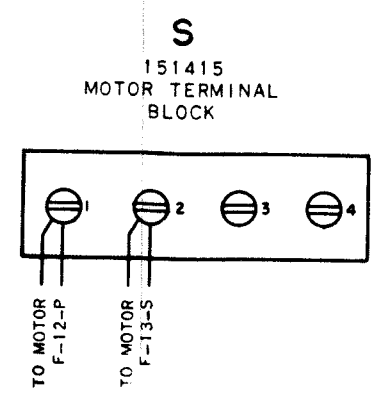
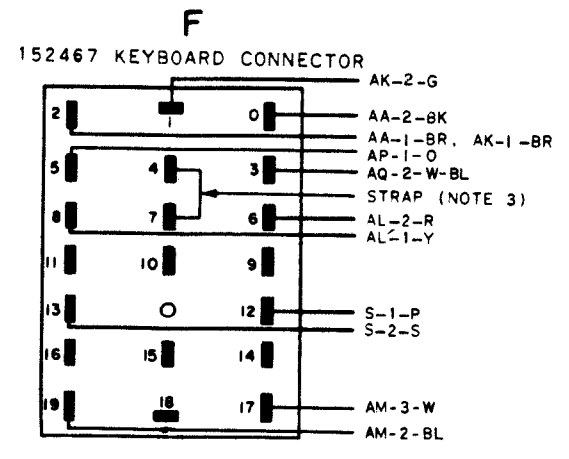
ENG. D.A.K. APPD. *ag*

TELETYPE CORPORATION

5831 WD

NO.	NOTES
1.	WIRE COLOR CODE: BK - BLACK BL - BLUE BR - BROWN S - SLATE R - RED W - WHITE O - ORANGE P - PURPLE G - GREEN Y - YELLOW
2.	CONNECTOR VIEWED FROM TERMINAL END.
3.	BARE WIRE STRAP 39522RM
4.	ASSOCIATED CABLES: 162437 KEYBOARD CABLE 164379 SYNC. PULSE CABLE 154149 SIG. LINE BREAK SWITCH CABLE 154144 TIME DELAY MOTOR START CABLE
5.	FOR SCHEMATIC SEE 2893WD.
6.	TERMINAL DESIGNATIONS ENCLOSED IN PARENTHESIS ARE NOT MARKED ON THE COMPONENT.
7.	WIRING LEGEND: DISTANT TERMINATING AREA DISTANT TERMINATING DESIGNATION WIRE COLOR CODE

6462 WD		
REVISIONS		
ISSUE	DATE	AUTH. NO.
2	2-6-64	80198
3	4-18-66	90148
4	9-26-66	91294



ACTUAL
WIRING DIAGRAM
MODEL 28
KEYBOARD
LK49

APPROVALS

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

E-NUMBER

PROD. NO. 6462WD

DATE 5-15-63

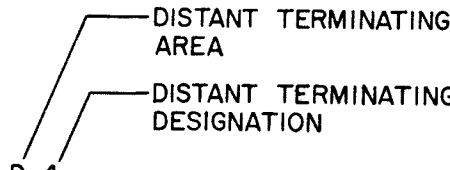
P.D. FILE NO. 49-A65AA

DRAWN J. D. B. CHKD.

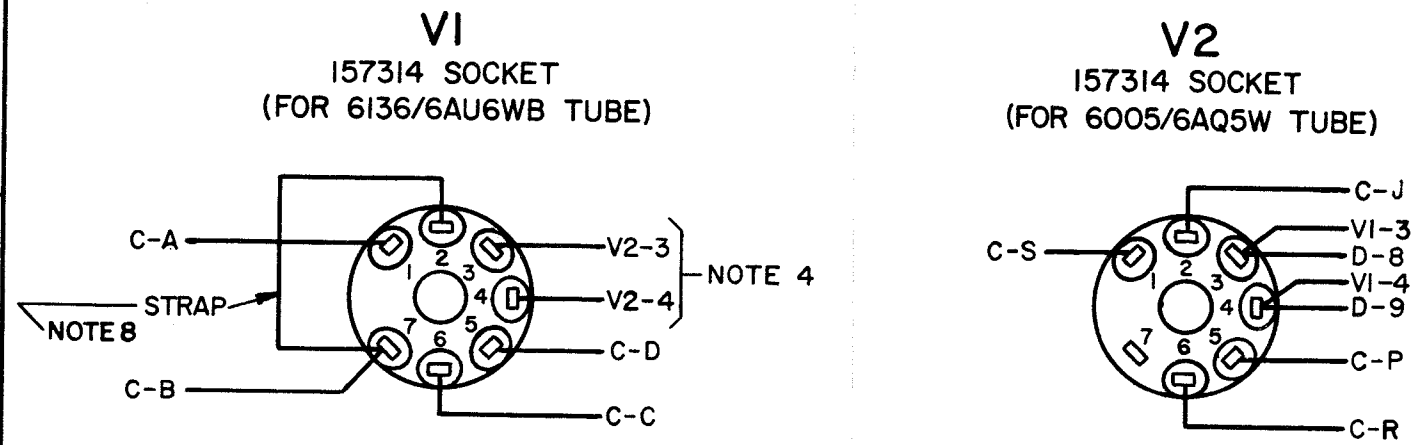
ENGD. APPD.

**TELETYPE
CORPORATION**

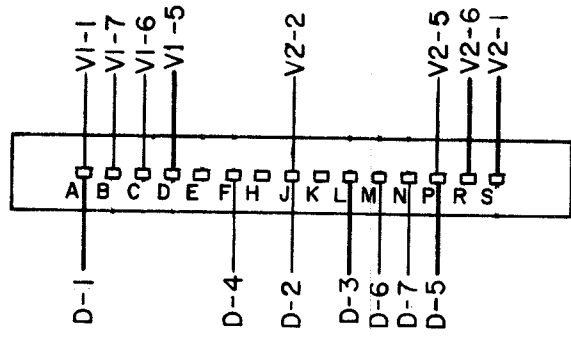
6462 WD

NO.	NOTES
1.	WIRING LEGEND:  D-4
2.	ALL SURFACE WIRE 24 AWG GREEN, 31784RM, DO NOT PULL TAUT BETWEEN TERMINALS, USE I55750 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.

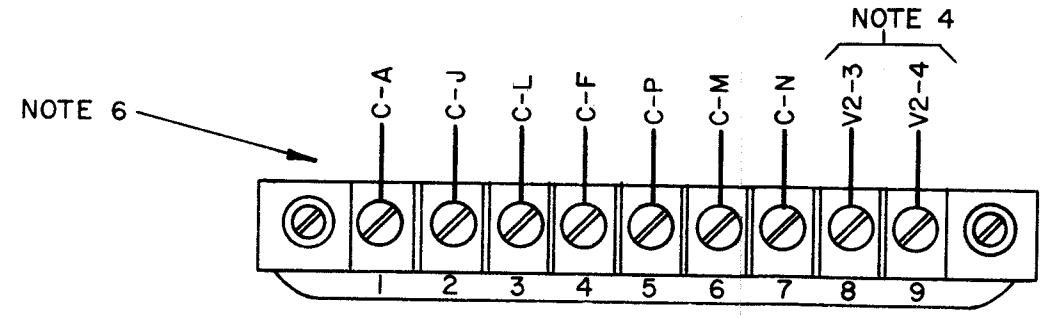
7488 WD		
REVISIONS		
ISSUE	DATE	AUTH. NO.
1	12-16-64	16250 R
2	2-9-65	85778



C
 198649 CONNECTOR
 (FOR 309865 CIRCUIT CARD ASSEMBLY)



D
 I51411 TERMINAL BLOCK



ACTUAL
 WIRING DIAGRAM
 FOR
 VOLTAGE INPUT
 SMD
 ASSEMBLY
 309863

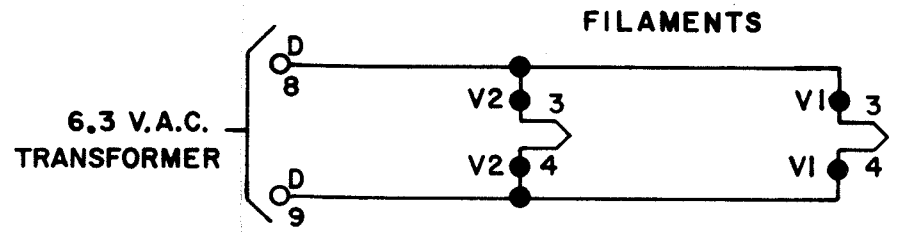
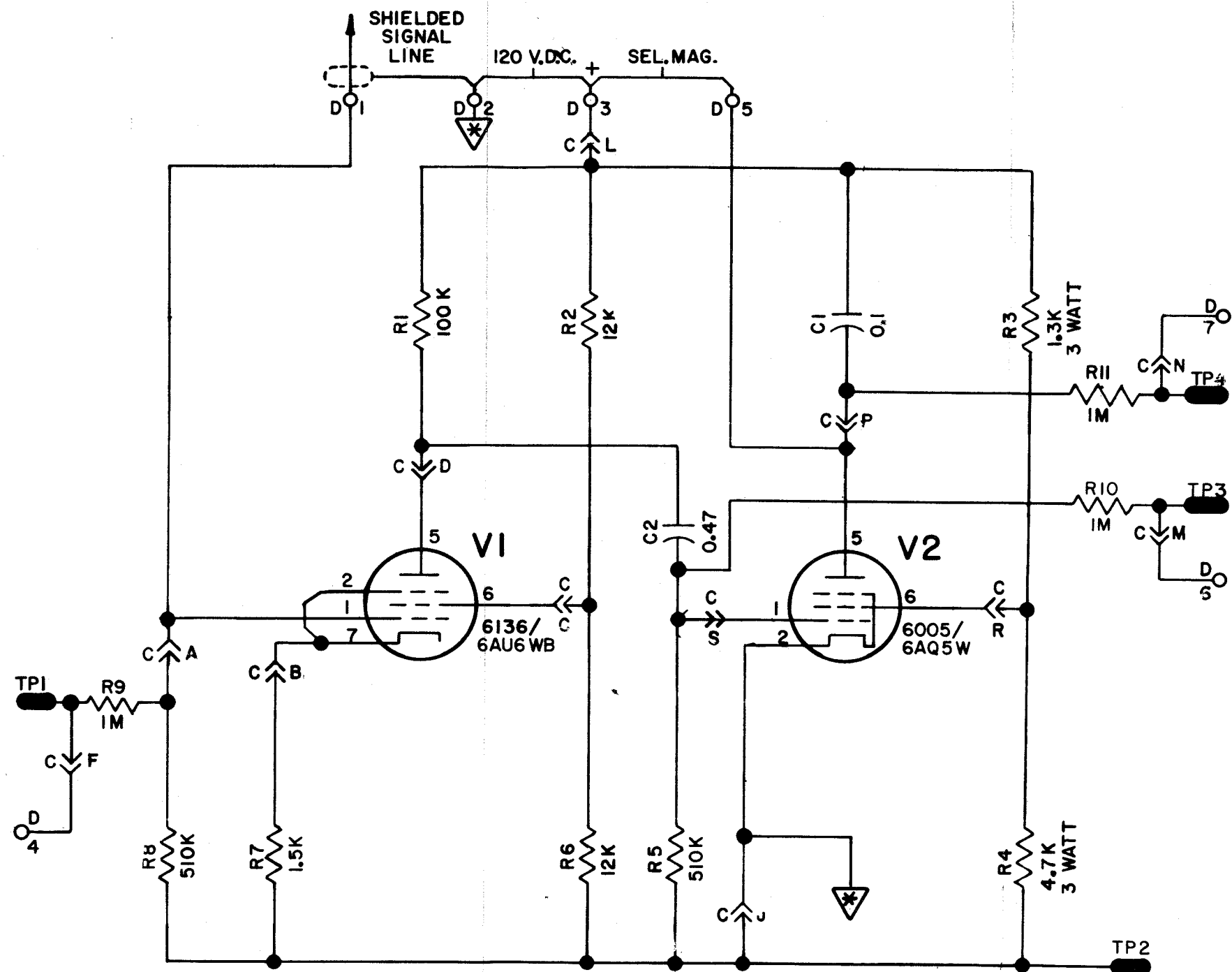
APPROVALS

D AND R <i>HJK</i>	E OF M
E-NUMBER	
PROD. NO. 7488WD	
DATE: 10-14-64	
P.D. FILE NO. N-8-G	
DRAWN. WPH	CHKD. <i>PDJ</i>
ENG. JRH	APPD. <i>EJC</i>

TELETYPE CORPORATION

7488 WD

- NO. NOTES
- FOR ACTUAL WIRING DIAGRAM, SEE 7488 WD.
 - LEGEND:
 ● V1 6136/6AU6WB SOCKET, TUBE
 ● V2 6005/6AQ5W SOCKET, TUBE
 C 15 PIN CONNECTOR
 O D TERMINAL BLOCK
 - ⚡ INDICATES CIRCUIT COMMON.
 - ALL RESISTORS 1/2 WATT AND RESISTANCE VALUES IN OHMS, UNLESS OTHERWISE SPECIFIED.
 - ALL CAPACITANCE VALUES IN MICROFARADS
 - ↔ INDICATES FEMALE TERMINAL ON 15 PIN CIRCUIT CARD RECEPTACLE C. —
 → INDICATES MALE TERMINAL ON 309865 CIRCUIT CARD ASSEMBLY.
 - SELECTOR MAGNETS MUST BE WIRED IN SERIES (30 MA. OPERATION).
 -
 - REFER TO 309865 CIRCUIT CARD ASSEMBLY FOR COMPONENT POSITIONS AND DESCRIPTIONS.
 - SIGNAL INPUT IS 0V. SPACE, -6V. MARK.



7489 WD		
ISSUE	DATE	AUTH NO.
1	12-16-64	16250 R

SCHMATIC WIRING DIAGRAM FOR VOLTAGE INPUT SMD ASSEMBLY 309863

APPROVALS

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

S-NUMBER

PROD. NO. 7489WD

DATE: 9-30-64

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

DRAWN. J. J. A. CHKD. *ADD*

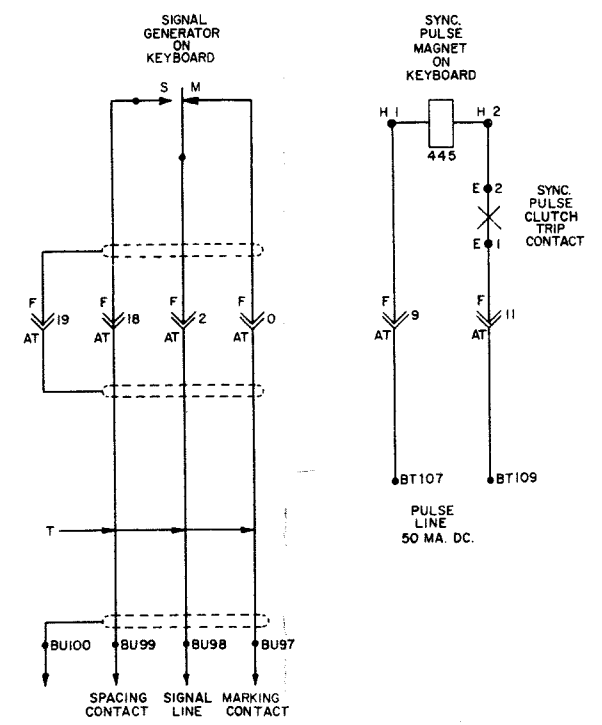
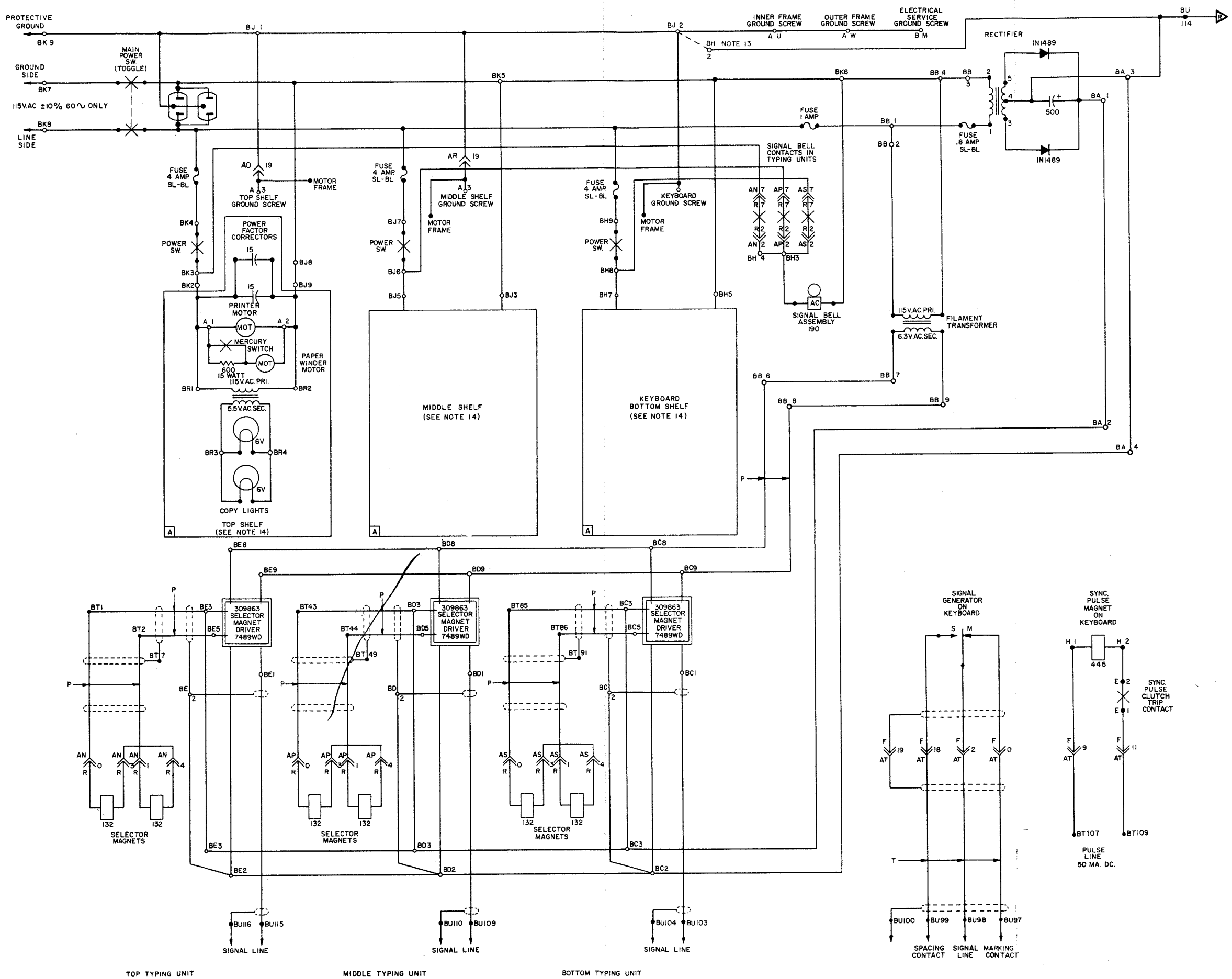
ENGD. D. D. APPD. *EGC*

TELETYPE CORPORATION

7489WD

REVISIONS		
ISSUE	DATE	AUTH. NO.
1	2-16-63	10358-B
2	4-27-63	10358-B

1. FOR ACTUAL WIRING DIAGRAMS OF INDIVIDUAL UNITS REFER TO:
 7536 WD BASE ASSEMBLY 3J0088
 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 MFG. 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
 ● 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
 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.
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>	
E-NO	
PROD. NO.	7532 WD
DATE	10-12-64
PD FILE NO	N-8-0
DRAWN WPM	CHKD.
ENGD. D.C.L.	APPD.
TELETYPE CORPORATION	
7532 WD	

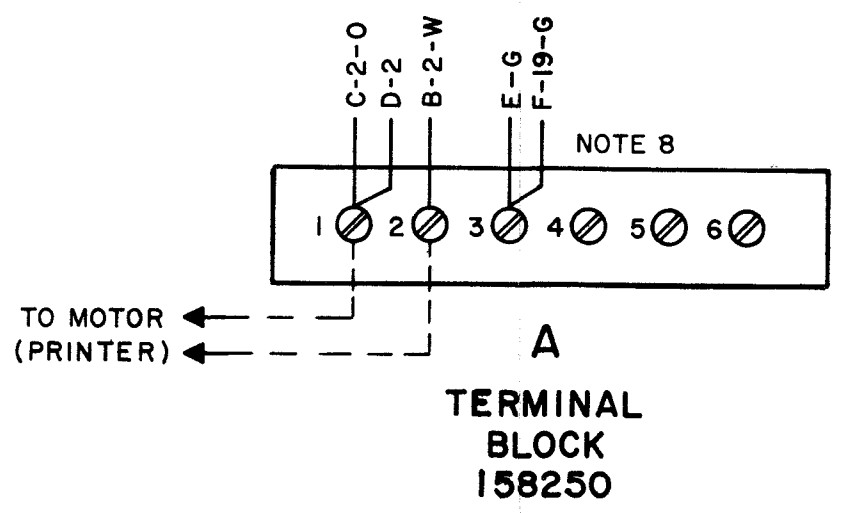
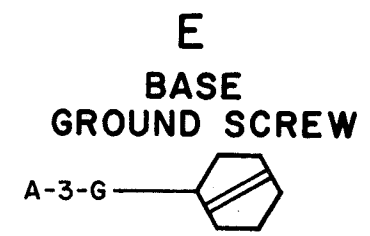
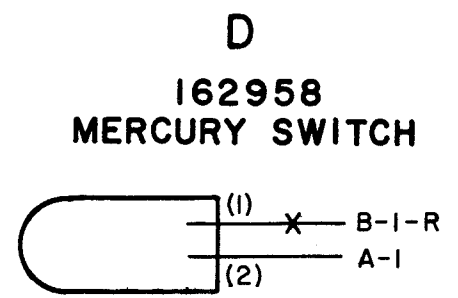
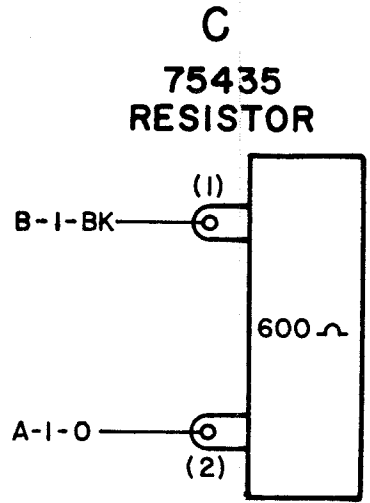
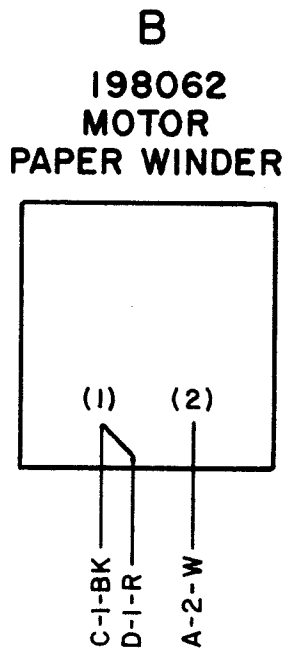
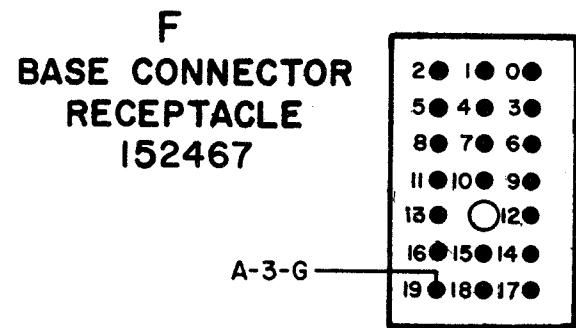
7556 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
1	9-65	6358-R
2	10-21-65	89283

- NO. NOTES
1. WIRING LEGEND:
 - DISTANT TERMINATING AREA
 - DISTANT TERMINAL DESIGNATION
 - WIRE COLOR CODE

A-I-O
 2. COLOR CODE:
 - BK - BLACK
 - O - ORANGE
 - W - WHITE
 - G - GREEN
 - 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.
 7. FOR SCHEMATIC WIRING DIAGRAMS REFER TO 7532 WD FOR 310088 BASE ASSEMBLY AND 7809 WD FOR 317009 BASE ASSEMBLY.
 8. "F" CONNECTOR AND ASSOCIATED WIRING NOT USED ON 317009 BASE ASSEMBLY.



ACTUAL WIRING DIAGRAM FOR 310088 AND 317009 BASE ASSEMBLIES

APPROVALS

D AND R D.A.	E OF M [Signature]
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E-NUMBER
PROD. NO. 7556 WD

DATE: 11-12-64
P.D. FILE NO. N-8-G

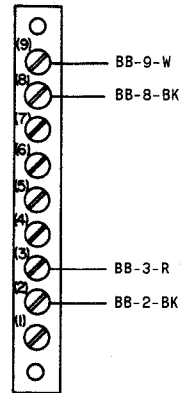
DRAWN J.J.A.	CHKD. [Signature]
ENGD. D.C.L.	APPD. D.A.

TELETYPE CORPORATION

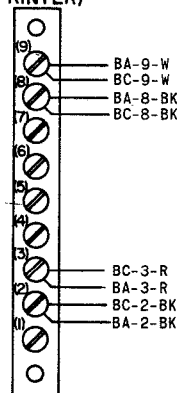
7556 WD

REVISIONS		
ISSUE	DATE	AUTH. NO.
1	11-29-65	17380-R

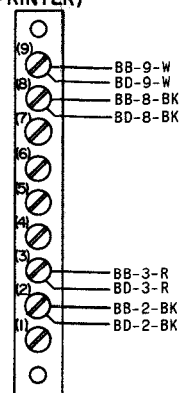
BA
151411
TERMINAL BLOCK
NOTE 9
(TOP PRINTER)



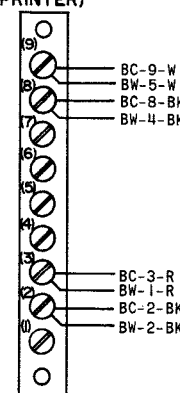
BB
151411
TERMINAL BLOCK
NOTE 9
(UPPER MIDDLE PRINTER)



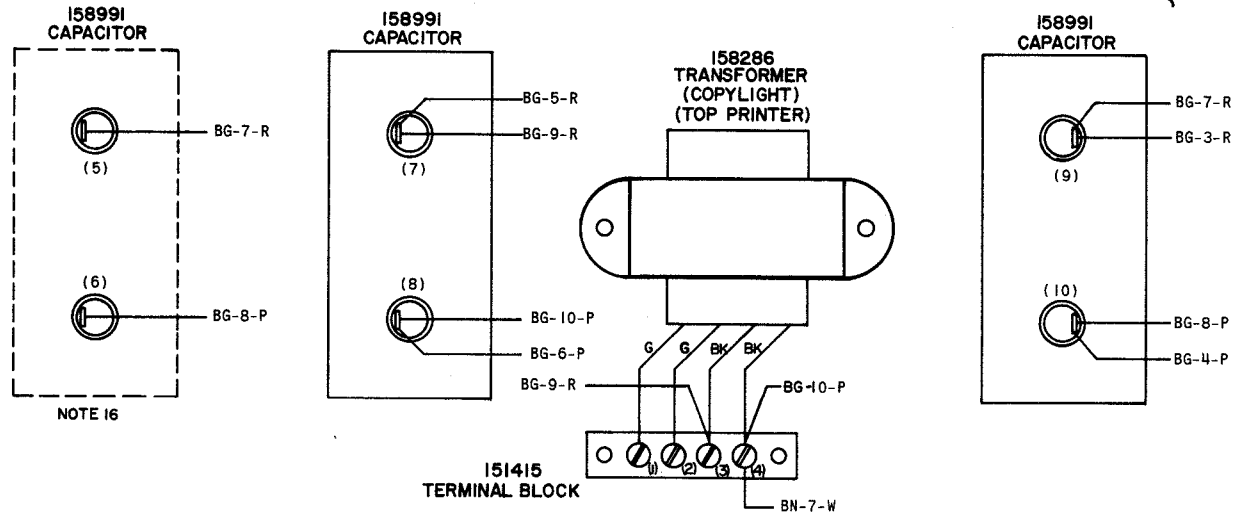
BC
151411
TERMINAL BLOCK
NOTE 9
(LOWER MIDDLE PRINTER)



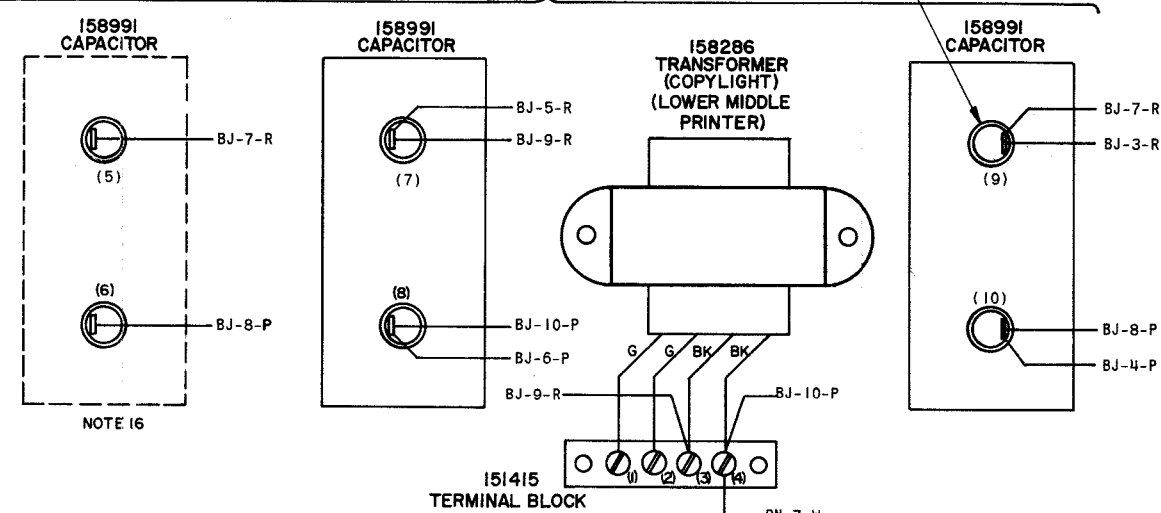
BD
151411
TERMINAL BLOCK
NOTE 9
(BOTTOM PRINTER)



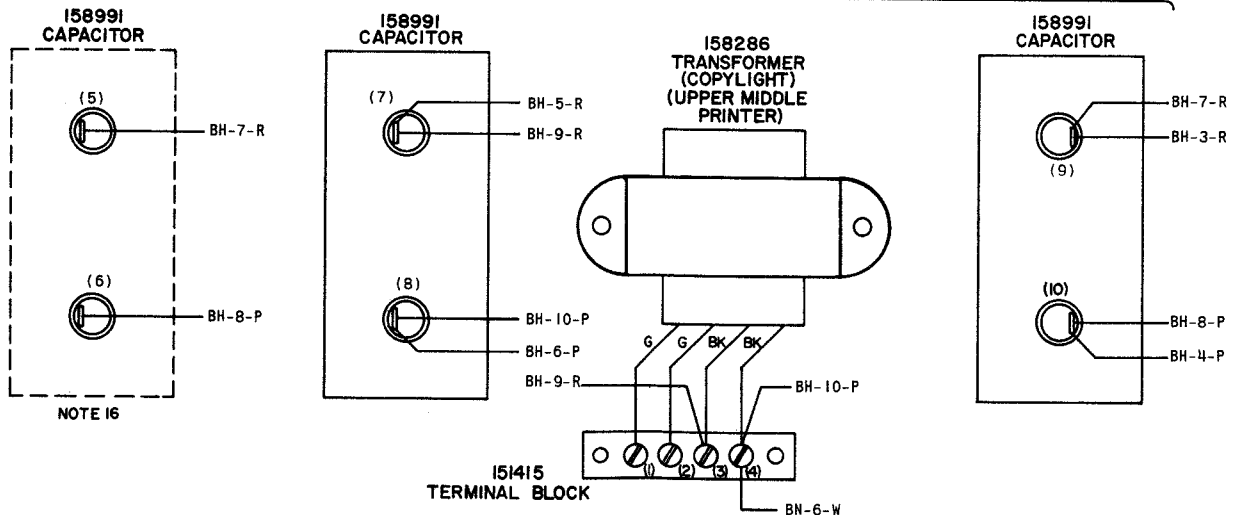
BG



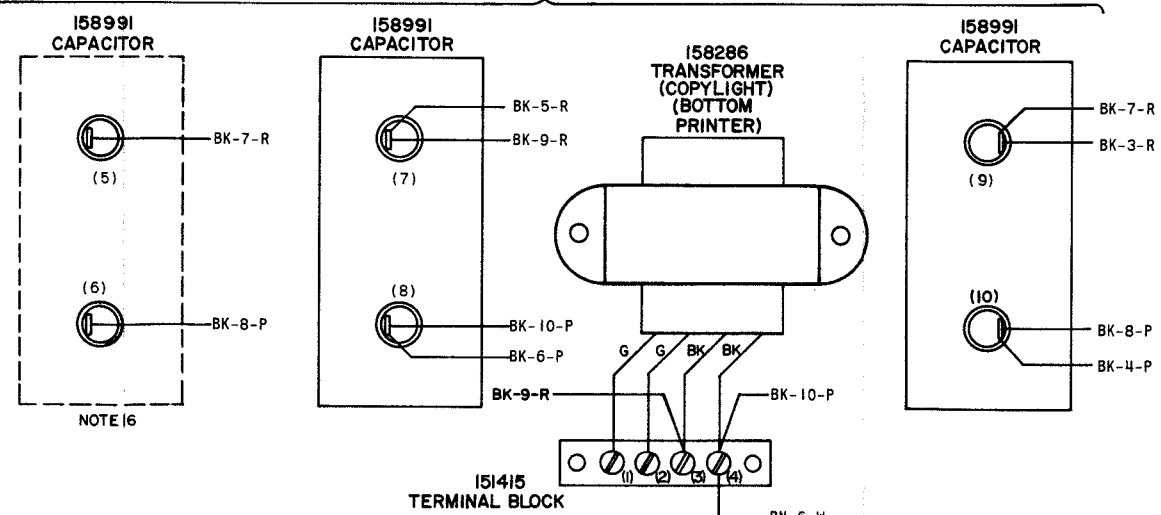
BJ



BH



BK



REFER TO SHEET 2 FOR NOTES

SHEET 1 OF 2

ACTUAL
WIRING DIAGRAM
FOR
312696
ELECTRICAL
SERVICE ASSEMBLY

APPROVALS

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

E-NUMBER

PROD. NO. 7807WD

DATE 5/14/65

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

DRAWN HC	CHKD. <i>[Signature]</i>
ENGD. CFC	APPD. <i>RRS</i>

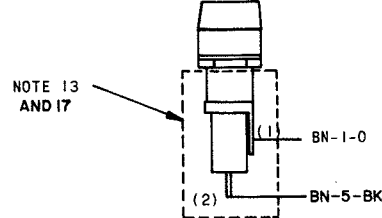
TELETYPE
CORPORATION

REVISIONS

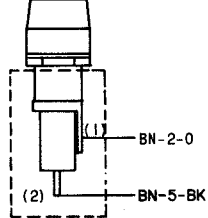
ISSUE	DATE	AUTH. NO.
1	11-29-65	17380-R
2	1-14-66	89150

- NOTES
- WIRING LEGEND:
 - COLOR CODE:
 BK-BLACK P-PURPLE
 BL-BLUE R-RED
 BR-BROWN S-SLATE
 G-GREEN W-WHITE
 O-ORANGE Y-YELLOW
 - CUSTOMER TO INSTALL AC INPUT (115V ± 10% 50/60 CYCLE) AS FOLLOWS:
 AREA BR
 LIVE SIDE OF LINE - TERMINAL 1
 GROUND SIDE OF LINE - TERMINAL 2
 PROTECTIVE GROUND - TERMINAL 4
 - ELECTRICAL SERVICE GROUND SCREW. INSERT GROUND LEAD TERMINAL BETWEEN 92260 LOCK WASHER AND HEAD OF 151630 SCREW.
 - * INDICATES 14 AWG WIRE
 **INDICATES 24 AWG WIRE
 ALL OTHER WIRE 18 GA.
 - TERMINAL DESIGNATIONS ENCLOSED IN PARENTHESES ARE FOR REFERENCE AND ARE NOT MARKED ON COMPONENT.
 - 312703 TERMINAL STRAP.
 - COMPONENTS VIEWED FROM SOLDERED TERMINAL ENDS.
 - COMPONENT OF 309863 SELECTOR MAGNET DRIVER ASSEMBLY ON THE 312698 SMD MOUNTING ASSEMBLY. REFER TO 7488 WD.
 - REFER TO 7809 WD — FOR SCHEMATIC WIRING DIAGRAM.
 -
 - REFER TO 7810WD FOR ACTUAL WIRING DIAGRAM OF THE 312542 RECTIFIER.
 - ADD 60040RM TUBING, 1-1/2 INCH 5 PLACES.
 - SL-BL INDICATES SLOW BLOWING.
 - ASSOCIATED CABLE ASSEMBLIES:
 312693
 312694
 312695
 - FOR 60 CYCLE OPERATION USE TWO CAPACITORS. FOR 50 CYCLE OPERATION USE THREE CAPACITORS.
 CAPACITORS SHOWN WITH DASHED LINES TO BE WIRED BY CUSTOMER IF SET IS TO BE USED FOR 50 CYCLE OPERATION
 - BAA, BAB, BAC AND BAD USE A 4AMP SL-BL FUSE

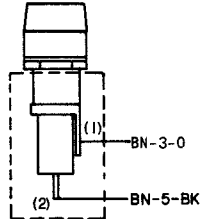
BAA
116783
FUSE HOLDER
(4 PLS)
(TOP PRINTER)



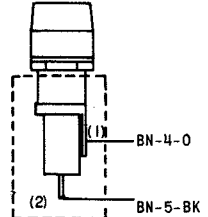
BAB
(UPPER MIDDLE PRINTER)



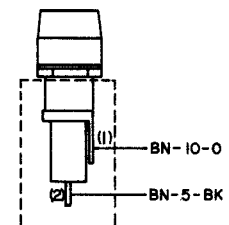
BAC
(LOWER MIDDLE)



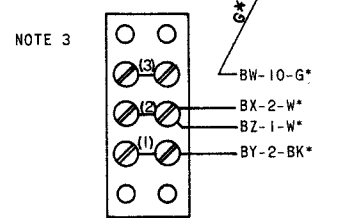
BAD
(BOTTOM PRINTER)



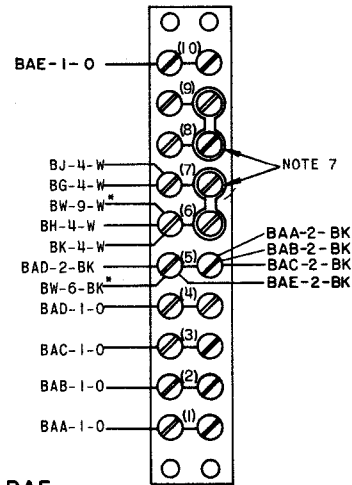
BAE
116783
FUSE HOLDER
(1/4 AMP FUSE)



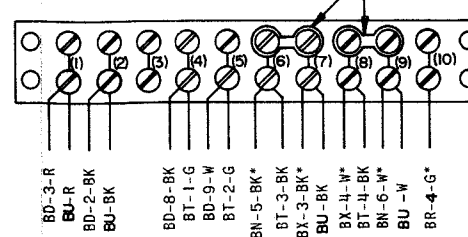
BR
106295
TERMINAL BLOCK



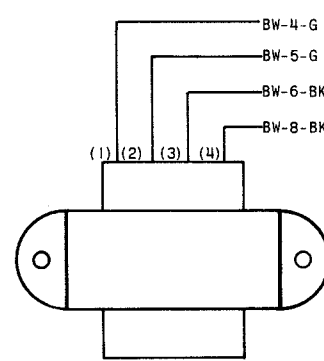
BN
118759
TERMINAL BLOCK



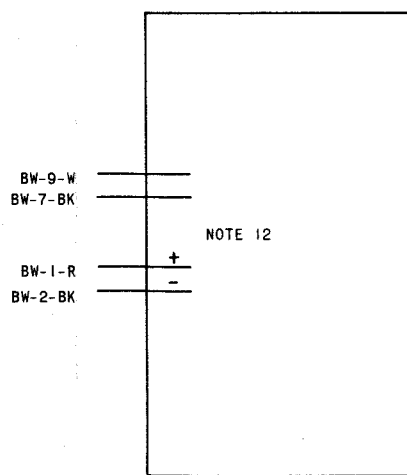
BW
118759
TERMINAL BLOCK



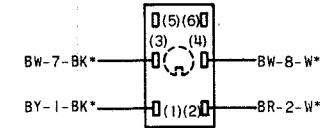
BT
157281
TRANSFORMER
(FILAMENT)



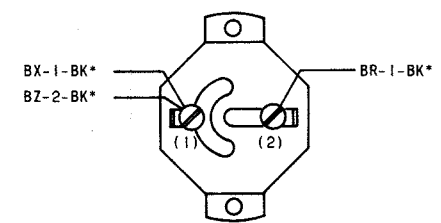
BU
312542
RECTIFIER



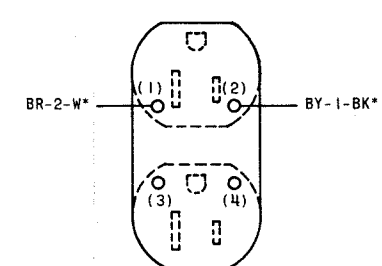
BX
155023
POWER SWITCH



BY
92556
RECEPTACLE
WITH
145266 FUSE
15AMP SL-BL



BZ
139158
CONVENIENCE
RECEPTACLE



ACTUAL
WIRING DIAGRAM
FOR
312696
ELECTRICAL
SERVICE ASSEMBLY

APPROVALS

D AND R	E OF M
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E-NUMBER

PROD. NO. 7807 WD

DATE 5-14-65

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

DRAWN HC CHKD. *[Signature]*

ENG. CFC APPD. *[Signature]*

TELETYPE
CORPORATION

107393
POWER
SWITCHES
(4-PLS.)

151540
COPYLAMP
HOLDERS
(8-PLS.)

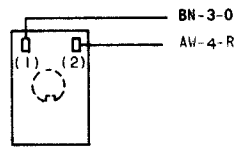
NOTE:
REVISION INFORMATION MUST
ALSO BE REFLECTED ON THE
ISSUE CONTROL RECORD, WHICH
IS A PART OF THIS DRAWING.

7808WD

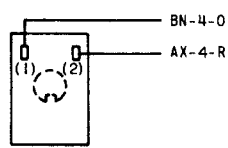
REVISIONS

ISSUE	DATE	AUTH. NO.
1	11-29-65	1757-R
2	3-17-66	90234

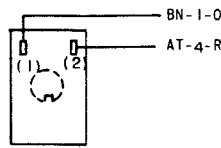
AA
LOWER
MIDDLE



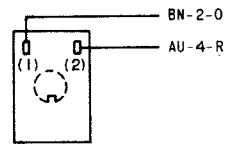
AB
BOTTOM



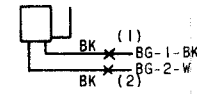
AC
TOP



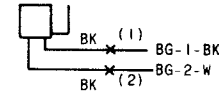
AD
UPPER
MIDDLE



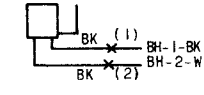
AE
TOP



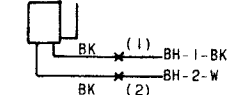
AF
TOP



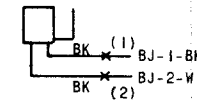
AG
UPPER
MIDDLE



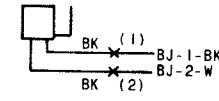
AH
UPPER
MIDDLE



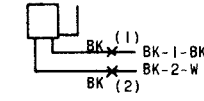
AJ
LOWER
MIDDLE



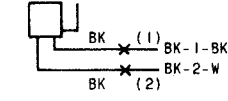
AK
LOWER
MIDDLE



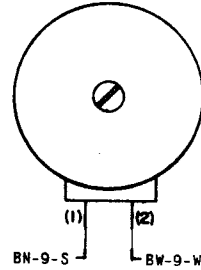
AL
BOTTOM



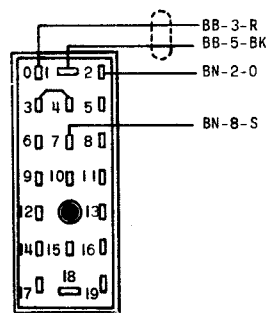
AM
BOTTOM



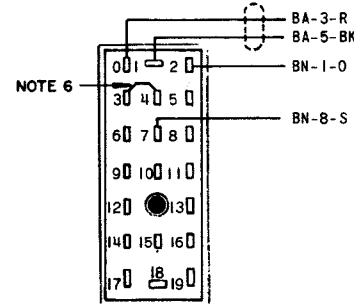
AN
151560
SIGNAL
BELL



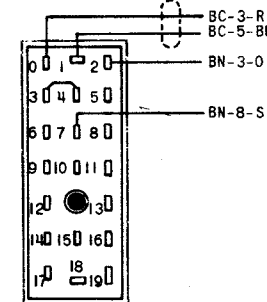
AP
152465
CONNECTOR, RECEPTACLE
(PRINTER)
UPPER MIDDLE



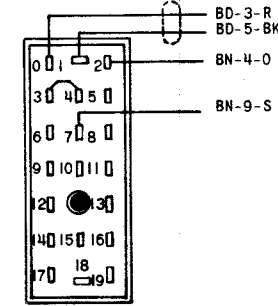
AQ
152465
CONNECTOR, RECEPTACLE
(PRINTER)
TOP



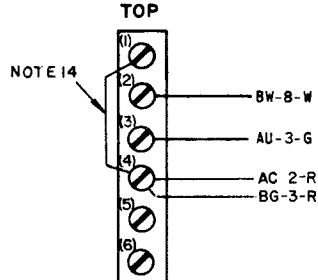
AR
152465
CONNECTOR, RECEPTACLE
(PRINTER)
LOWER MIDDLE



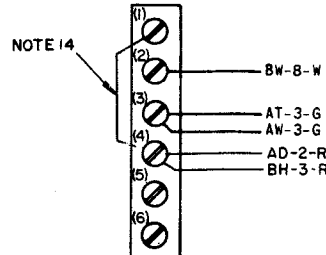
AS
152465
CONNECTOR, RECEPTACLE
(PRINTER)
BOTTOM



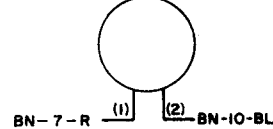
AT
158250
TERMINAL BLOCK
(ON PRINTER BASE)
TOP



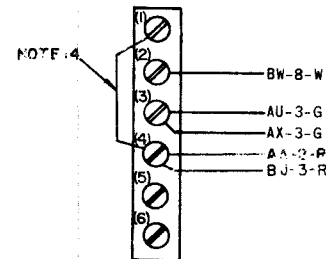
AU
158250
TERMINAL BLOCK
(ON PRINTER BASE)
UPPER MIDDLE



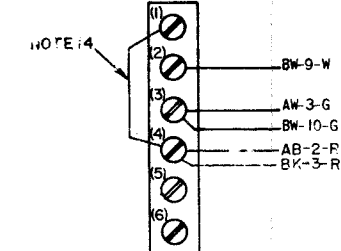
AV
198092
FAN MOTOR



AW
158250
TERMINAL BLOCK
(ON PRINTER BASE)
LOWER MIDDLE

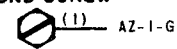


AX
158250
TERMINAL BLOCK
(ON PRINTER BASE)
BOTTOM

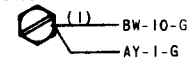


CABINET
GROUND SCREWS

AY
OUTER SHELL
GROUND SCREW



AZ
INNER FRAME
GROUND SCREW



SEE ISSUE CONTROL RECORD FOR
COMPLETE LIST OF SHEETS
COMPRISING THIS W.D.

SHEET 1

ACTUAL
WIRING DIAGRAM
FOR
MODEL 28
CABINET
LBAC 264
(WITH 312696 ELECTRICAL
SERVICE ASSEMBLY)

APPROVALS

D AND R	E OF M
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E-NUMBER

PROD. NO. 7808WD

DATE 5-24-65

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

DRAWN HC	CHKD. JJA
ENGD. CFC	APPD.

TELETYPE
CORPORATION

7808WD

REFER TO SHEET 2 FOR NOTES

1. WIRING LEGEND;
 DISTANT TERMINATING AREA
 DISTANT TERMINATING DESIGNATION
 R-12-BL WIRE COLOR CODE
2. COLOR CODE:
 BLACK - BK YELLOW - Y
 BROWN - BR WHITE - W
 RED - R SLATE - S
 ORANGE - O PURPLE - P
 GREEN - G BLUE - BL
3. —*— DESIGNATES SPLICE AND TAPE.
4. TERMINAL DESIGNATIONS ENCLOSED IN PARENTHESES ARE FOR REFERENCE AND ARE NOT MARKED ON COMPONENT.
5. COMPONENT OF 309863 SELECTOR MAGNET DRIVER ASSEMBLY, REFER TO 7488 WD ACTUAL WIRING DIAGRAM.
6. ALL STRAPPING WIRE 22 AWG BARE, 39522RM, USE SLEEVING WHERE REQUIRED. DO NOT PULL TAUT BETWEEN TERMINALS.
7. () INDICATES SHIELDED 22 AWG WIRE.
8. ALL OTHER WIRE 18 AWG.
9. ASSOCIATED CABLE ASSEMBLIES:
 312693
 312694
 312696
10. INSERT GROUND LEAD TERMINAL (S) BETWEEN 92260 LOCKWASHER AND HEAD OF THE SCREW. OUTER SHELL GROUND SCREW IS LOCATED ON SIGNAL BELL MOUNTING BRACKET. INNER FRAME GROUND SCREW IS LOCATED ON THE REAR, LOWER INNER FRAME BRACE.
11. REFER TO 7809 WD—FOR SCHEMATIC WIRING DIAGRAM.
12. INSERT GROUND LEAD TERMINAL BETWEEN 92527 LOCKWASHER AND HEAD OF 1157 SCREW.
- 13.
14. STRAP 91943 (18 GA.) 4 PLACES
15. FOR ACTUAL WIRING DIAGRAM OF 312696 ELECTRICAL SERVICE ASSEMBLY, SEE 7807 WD.

312696
 SMD MOUNTING
 ASSEMBLY

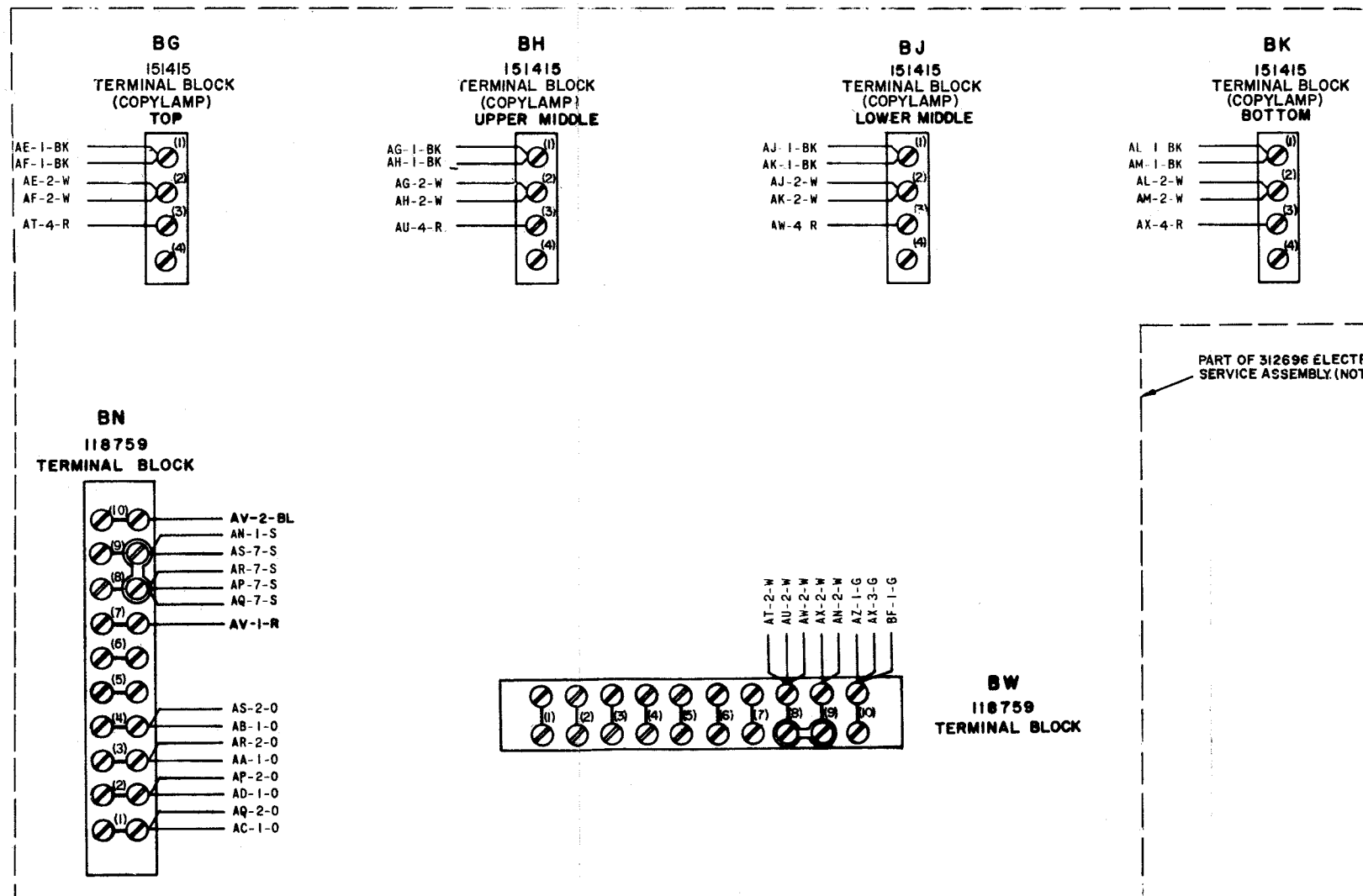
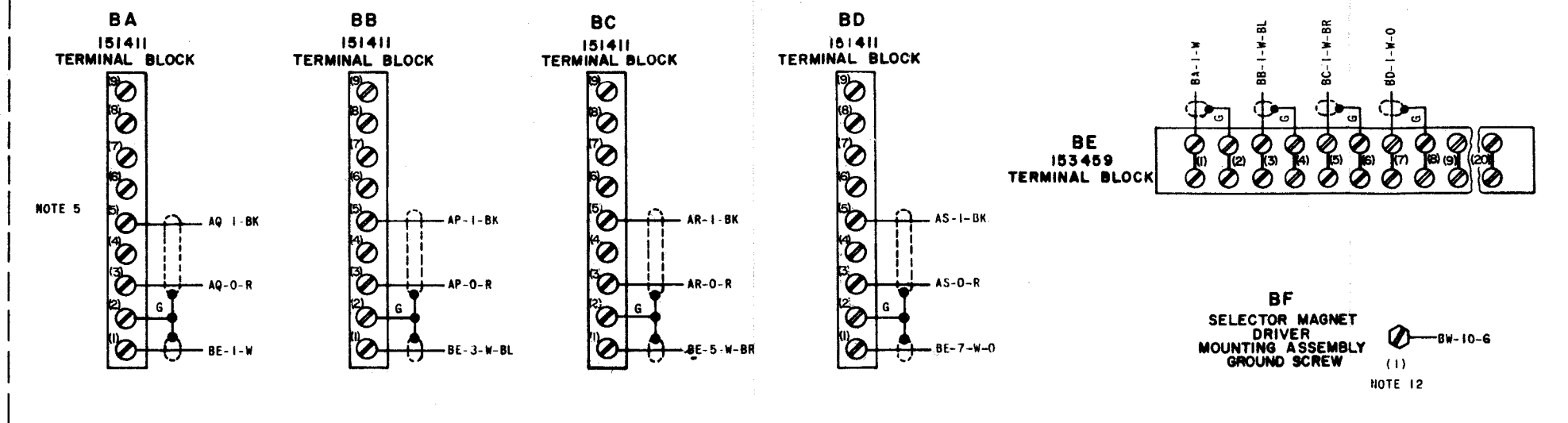
PART OF 312696 ELECTRICAL SERVICE ASSEMBLY (NOTE 15)

NOTE:
 REVISION INFORMATION MUST
 ALSO BE REFLECTED ON THE
 ISSUE CONTROL RECORD, WHICH
 IS A PART OF THIS DRAWING.

7808 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
1	11--29--65	16308-R



SEE ISSUE CONTROL RECORD FOR
 COMPLETE LIST OF SHEETS
 COMPRISING THIS W.D.

SHEET 2 OF 2

ACTUAL
 WIRING DIAGRAM
 FOR
 MODEL 28
 CABINET
 LBAC 264

APPROVALS

D AND R <i>HJK</i>	E OF M <i>C</i>
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E-NUMBER
 PROD. NO. 7808 WD

DATE 5-18-65
 P.D. FILE NO. H-8-G

DRAWN HC CHKD. *[Signature]*
 ENGD. CFC APPD. *[Signature]*

TELETYPE
 CORPORATION

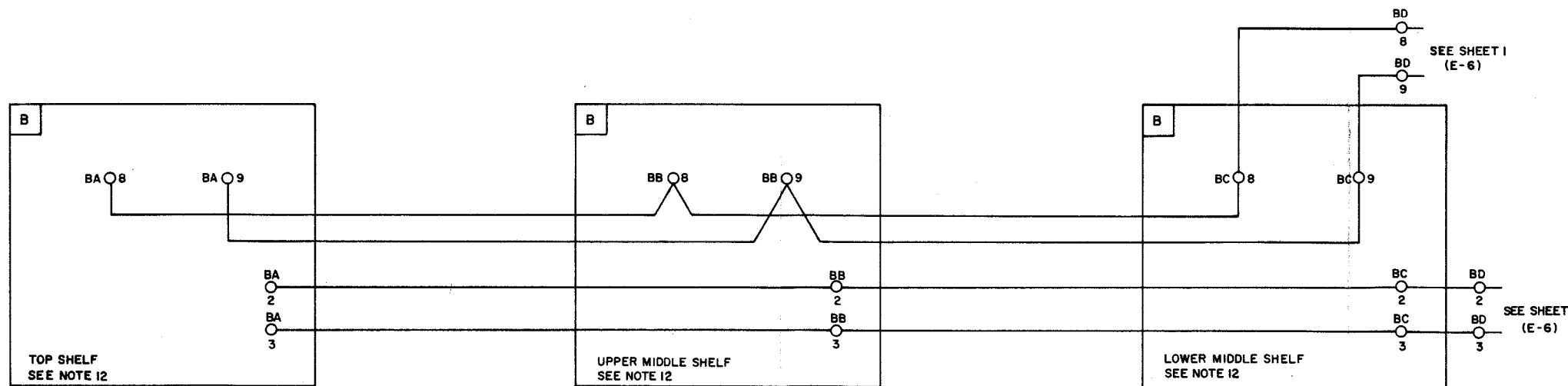
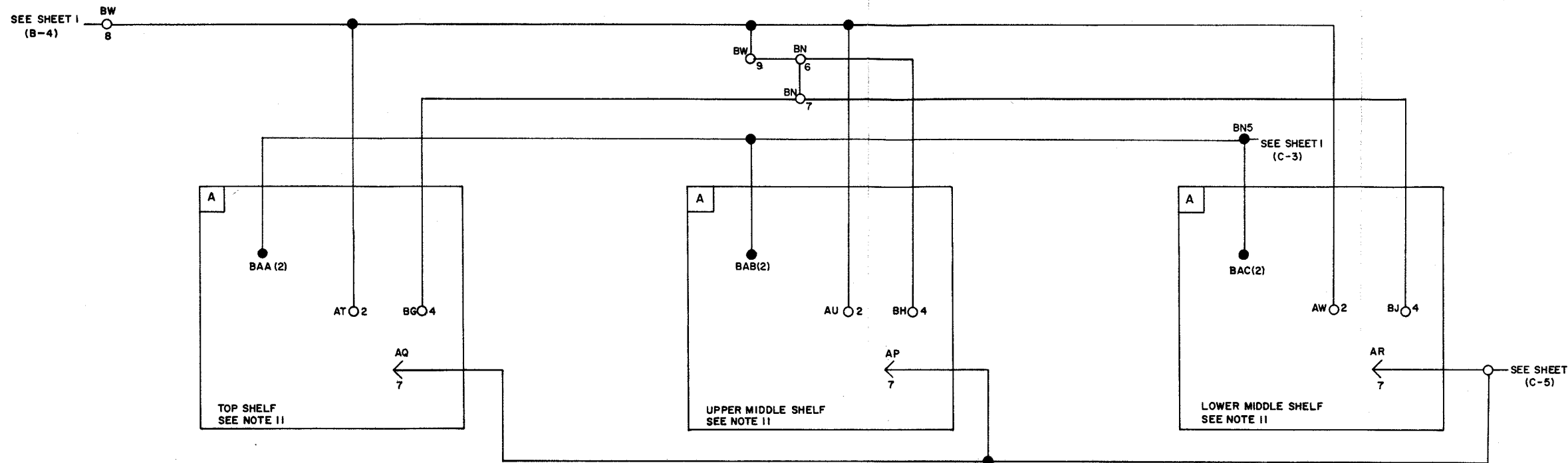
7808 WD

REFER TO SHEET 1 FOR NOTES.

7809WD

REVISIONS

ISSUE	DATE	AUTH. NO.
1	11-29-65	17380-R
2	1-14-66	89150



SHEET 2 OF 2

SCHMATIC
WIRING DIAGRAM
FOR
LBAC 264
CABINET

(WITH 312696 ELECTRICAL
SERVICE ASSEMBLY.)

APPROVALS

D AND R E OF M

E-NUMBER

PROD. NO. 7809 WD

DATE 5-25-65

P.D. FILE NO. N-8-6

DRAWN H.C.

CHKD. *fm*

ENGD. C.F.C.

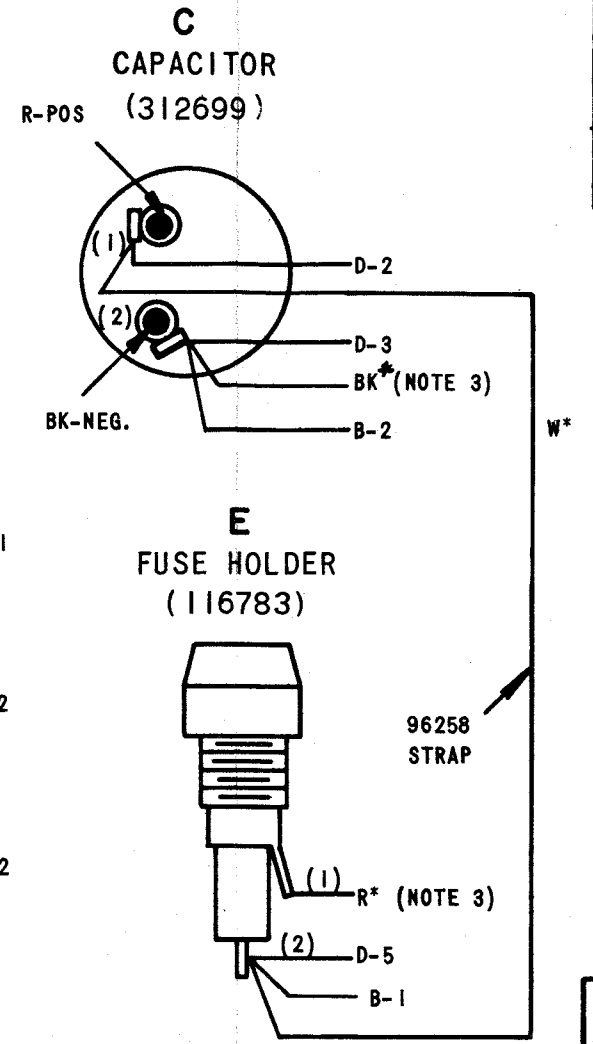
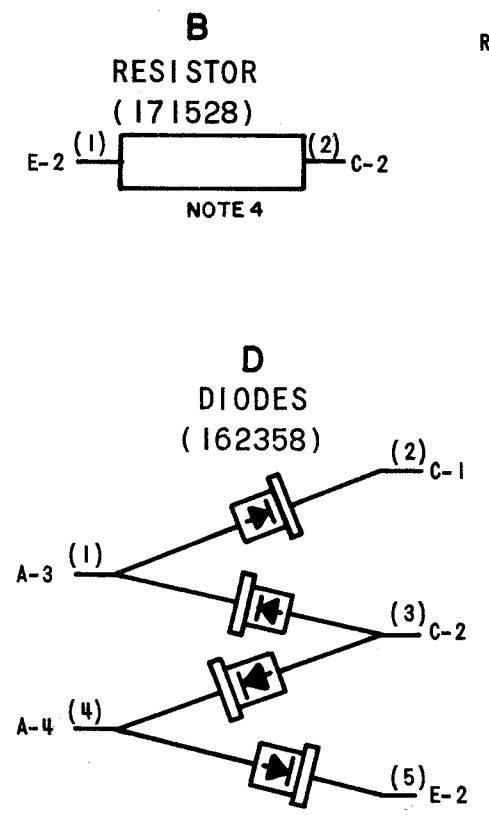
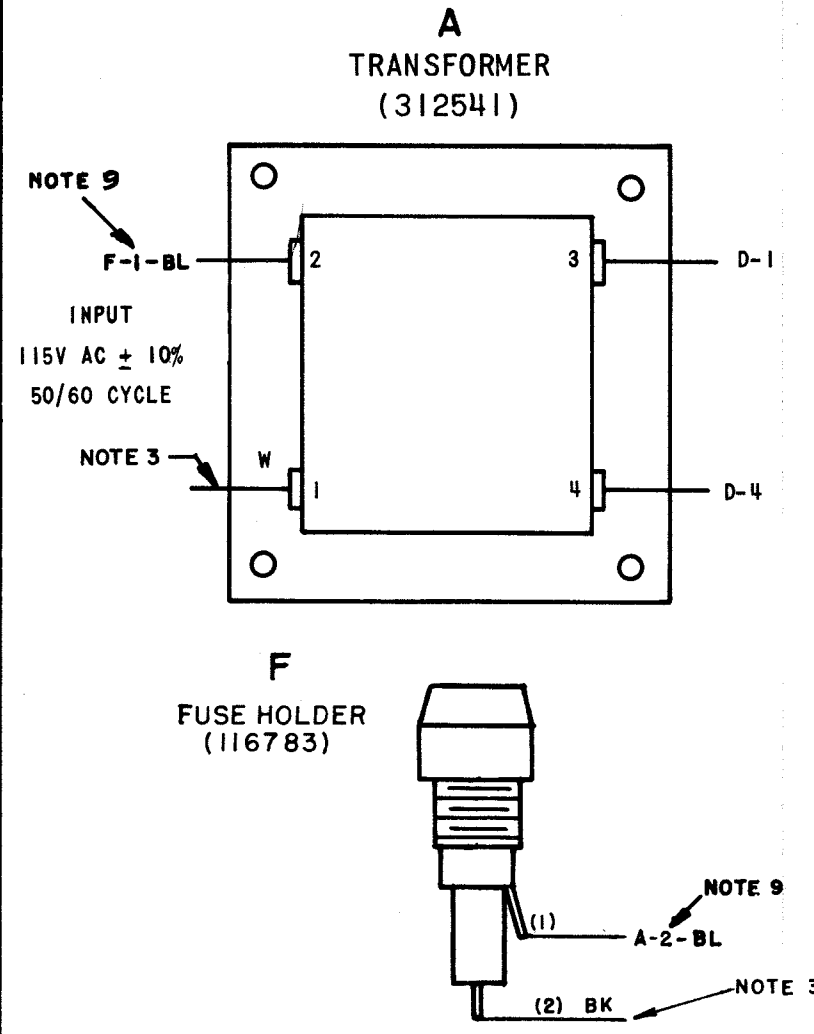
APPD. *RRS*

TELETYPE
CORPORATION

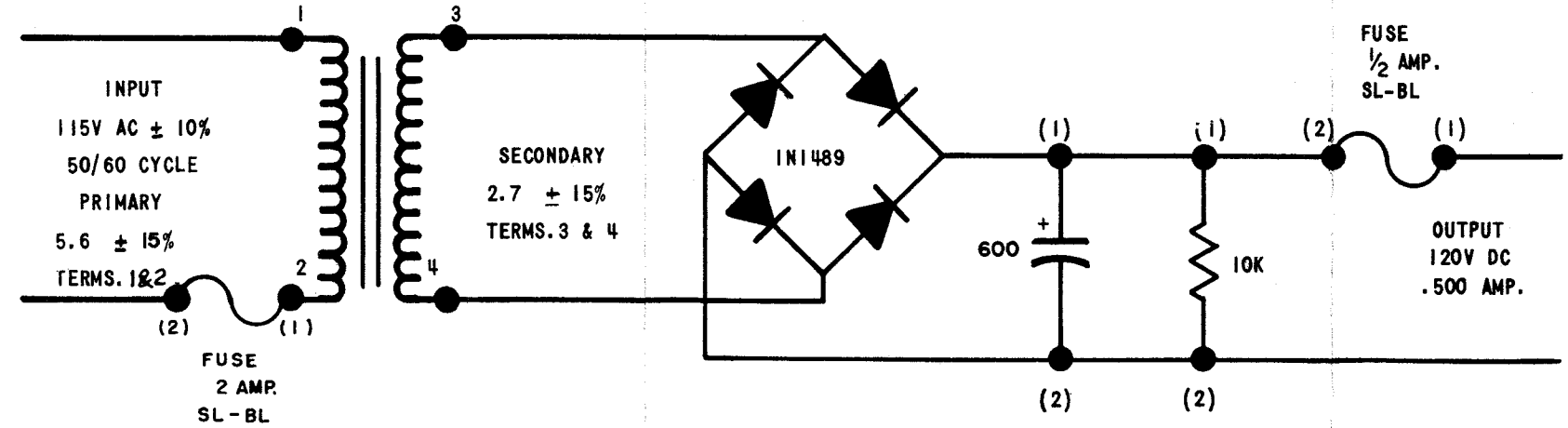
7809WD

NO.	NOTES
1.	WIRING LEGEND: DISTANT TERMINATING AREA DISTANT TERMINATING DESIGNATION A-3-BL WIRE COLOR CODE
2.	WIRE COLOR CODES: BL - BLUE BK - BLACK R - RED W - WHITE S - SLATE
3.	317219 CABLE ASSEMBLY
4.	RESISTOR 5 WATT RESISTANCE VALUE IN OHMS.
5.	CAPACITANCE VALUE IN MICROFARADS.
6.	DESIGNATIONS SHOWN IN PARENTHESES ARE FOR REFERENCE ONLY, AND DO NOT APPEAR ON COMPONENTS.
7.	* INDICATES 18 AWG. WIRE.
8.	WIRES WITHOUT COLOR CODES ARE LEADS OF RESISTOR & DIODES.
9.	96263BL STRAP (18) GA.

ACTUAL



SCHEMATIC



7810 WD

REVISIONS		
ISSUE	DATE	AUTH. NO.
1	10-14-65	17299R
2	11-4-65	89463
3	1-17-67	92241

ACTUAL AND SCHEMATIC WIRING DIAGRAM FOR 312542 RECTIFIER ASSEMBLY

APPROVALS	
D AND R <i>HJK</i>	E OF M <i>[Signature]</i>
E-NUMBER	
PROD. NO. 7810WD	
DATE: 5/26/65	
P.D. FILE NO. N-8-G	
DRAWN H.C.	CHKD. <i>[Signature]</i>
ENGD. C.F.C.	APPD. <i>[Signature]</i>

TELETYPE CORPORATION

7810 WD