

5- TO 8-LEVEL UNIVERSAL STATION CONVERTERS

ACTUAL WIRING DIAGRAMS

CONTENTS	PAGE
1. GENERAL.	1
2. DIAGRAM INDEX.	1
1. GENERAL	
1.01 This section is reissued to include the latest issues of the actual wiring diagrams for the 5- to 8-level Signal-to-Tape and Tape-to-Tape Universal Station Converter ter-	

minals. Since this is a general revision, marginal arrows have been omitted.

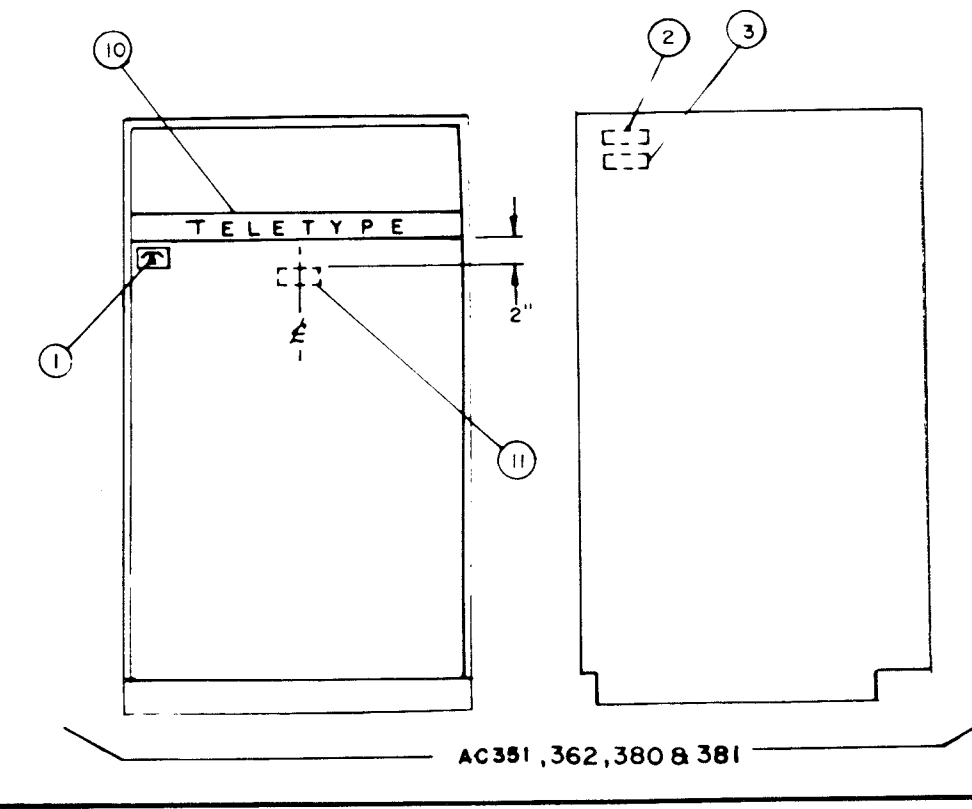
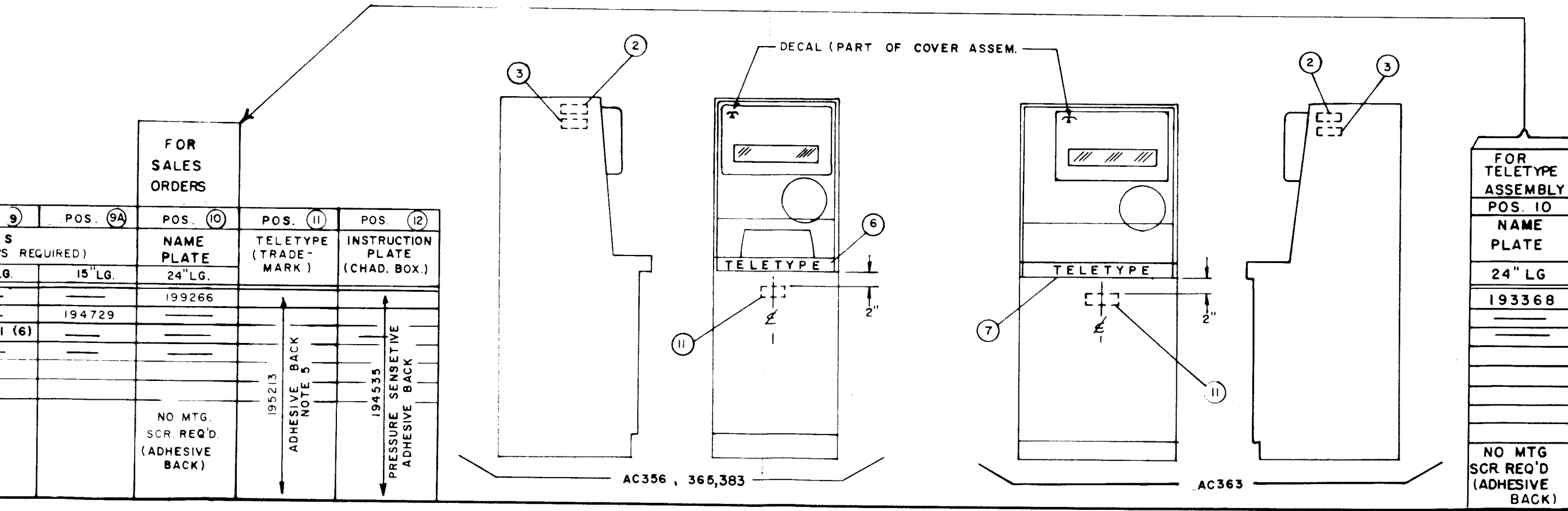
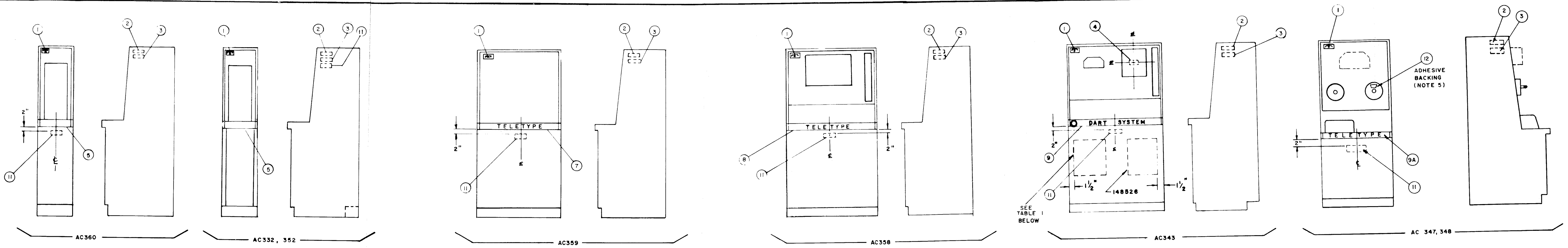
1.02 The location of each wiring diagram is indicated by its position in the index. The index also lists the subject matter of each wiring diagram, and its current issue.

1.03 For wiring information concerning the mechanical units associated with the converter terminals, refer to the appropriate section.

2. DIAGRAM INDEX

SUBJECT	DRAWING NUMBER	ISSUE					
		1	2	3	4	5	6
Marking Chart	4488		7				
Electrical Service Panel, TP194623	5969		2				
Tape-to-Tape Panel Assembly VCL283 and VCL316	6022		4				
Service Unit, TP194605	6024		5				
Automatic Feed-Out Assembly, TP194595	6036		3				
Feed-Out Assembly, TP194608	6038		2				
Transfer Tree Module, TP194670	6082		5				
Signal to Tape Panel Assembly, VCL282 and VCL317	6084		3				
Diode Matrix Module, TP194671	6086	A	5				
Control Module, TP194672	6089		3				
Cabinet Wiring List, 5- to 8-level	6090	A	8				
Cable Assembly, TP194720	6367		3				

4488 WD		
ISSUE	DATE	AUTH. NO.
2	11-6-64	DCA6538
3	7-1-63	77236
4	3-9-64	80134
5	8-24-64	83398
6	12-9-64	84603
7	3-10-65	86274



UNIT	DECAL
VSL 271	148534
VSL 284	148525
VSL 285	148533

MARKINGS CHART FOR DATA SPEED CABINETS

APPROVALS

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

E-NUMBER

PROD. NO. 4488 WD

DATE 2-21-64

P.D. FILE NO. 66-111/10

DRAWN R.P. CHKD.

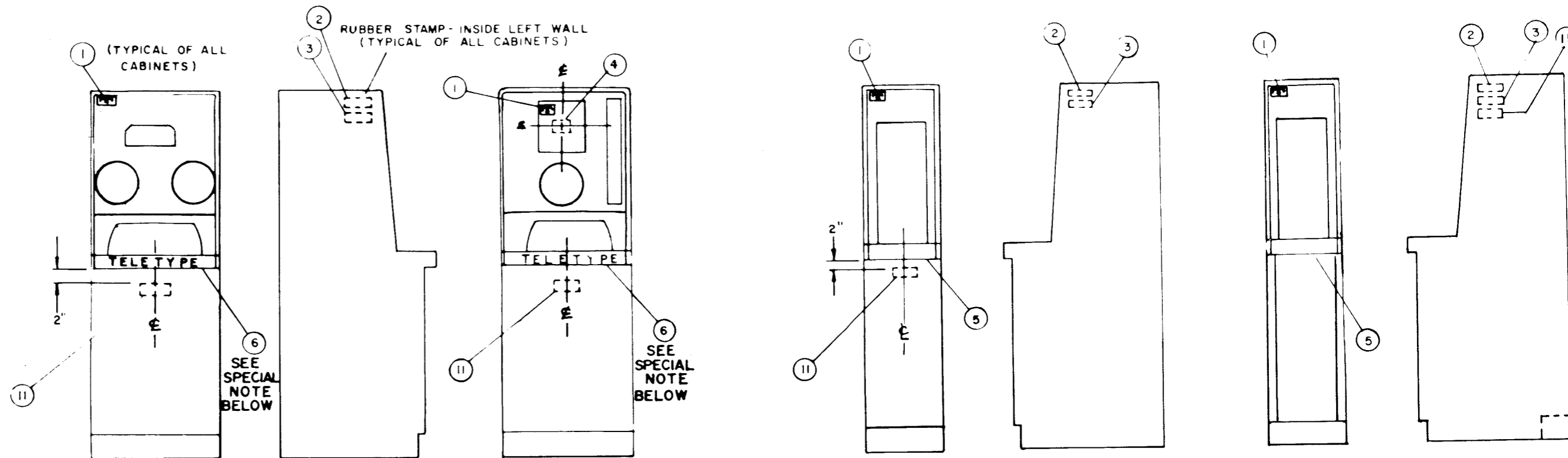
ENGD. C.D.S. APPD.

TELETYPE CORPORATION

4488 WD

NOTES:

REFER TO 600IWD FOR ALL NOTES



AC296, 335, 337
342, 349, 317
353, 364, 366
387, 382.

AC297, 334, 336
319, 350, 355

AC360

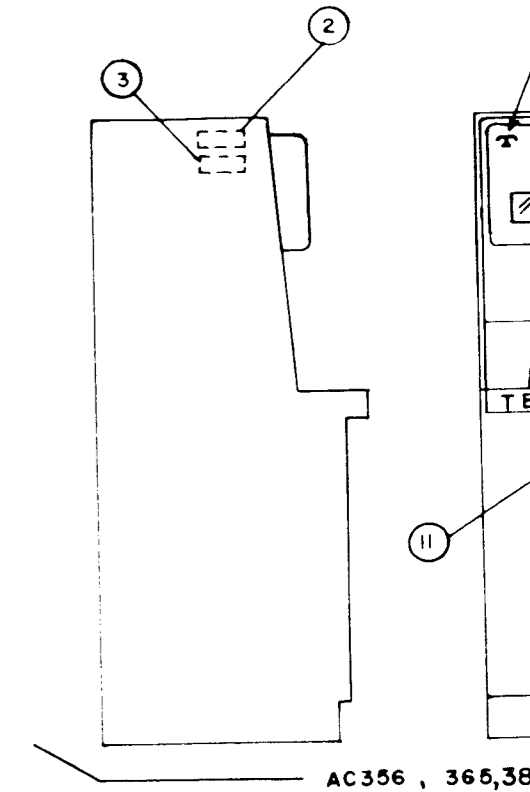
AC332, 352

SPECIAL NOTE

IN POS. (6) FOR AC 349B350 WITH "BA" MARKINGS USE 311288 (BELL SYSTEM PLATE). FOR OTHER MARKINGS SEE CHART BELOW.

FOR SALES ORDERS

CUSTOMER	POS. (1)	POS. (2)	POS. (3)	POS. (4)	POS. (5)	POS. (6)	POS. (7)	POS. (8)	POS. (9)	POS. (9A)	POS. (10)	POS. (11)	POS. (12)
	TELETYPE EMBLEM	TELETYPE CODE	TELETYPE SERIAL NO.	DECAL (LUB. INSTR)	TELETYPE OR CUSTOMER PLATES (NOS. IN PARENTHESIS INDICATE QUANTITY OF 153103 SCREWS REQUIRED)					NAME PLATE	TELETYPE (TRADE-MARK)	INSTRUCTION PLATE (CHAD. BOX)	
					8" LG.	15" LG.	19 1/2" LG.	23" LG.	26" LG.	15" LG.	24" LG.		
TELETYPE					193348 (4)	175060 (6)		198880 (6)			199266		
BELL SYSTEM						311288 (6)	149899 (6)			194729			
BELL (DART SYSM.)									198641 (6)				
BELL (DATA SPEED)						145908							
	305056 ADHESIVE BACK NOTE 5 & 10	RUBBER STAMP NOTE 7	RUBBER STAMP NOTE 7	145872 ADHESIVE BACK NOTE 5	NO INSCRIPTION ON THIS PLATE						NO MTG. SCR. REQ'D. (ADHESIVE BACK)	195213 ADHESIVE BACK NOTE 5	194535 PRESSURE SENSITIVE ADHESIVE BACK

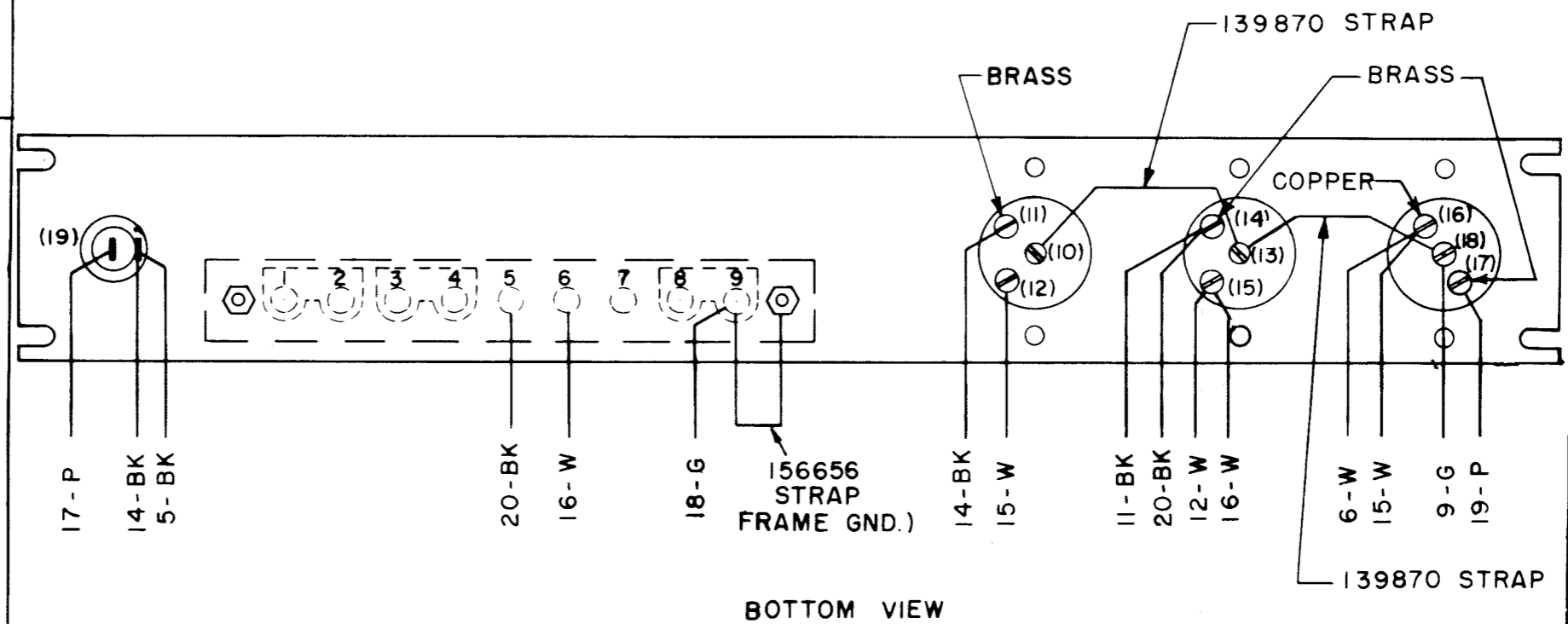


AC356, 366, 383

5969WD

ISSUE	DATE	AUTH NO.
2	9-11-64	83062

- NOTES:
- ASSOCIATED CABLE
194640 CABLE ASSEMBLY.
 - ALL WIRE 18 GA.
 - NUMBERS IN () NOT MARKED
ON COMPONENTS.
 - WIRE COLOR CODE:
P- PURPLE
BK- BLACK
W- WHITE
G- GREEN
 - WIRING LEGEND:



BOTTOM VIEW

ACTUAL WIRING
DIAGRAM
FOR
194623
ELECTRICAL
SERVICE
PANEL

APPROVALS
D AND R E OF M

E. NUMBER
PROD NO 5969WD

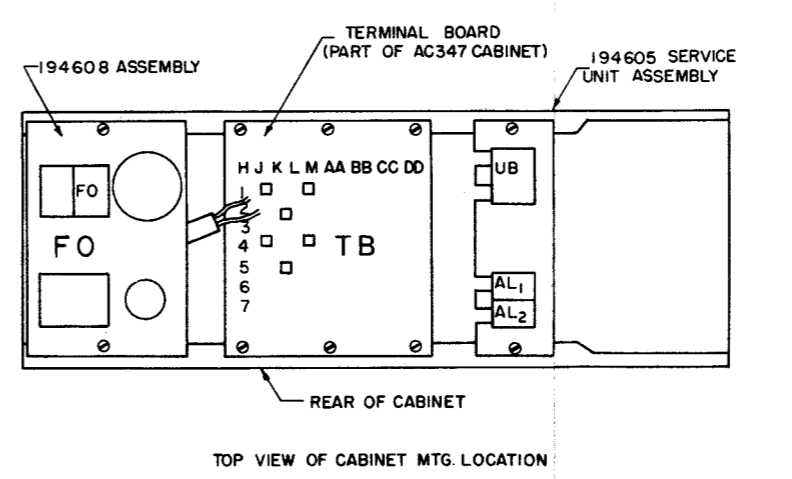
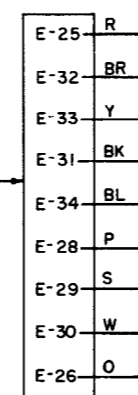
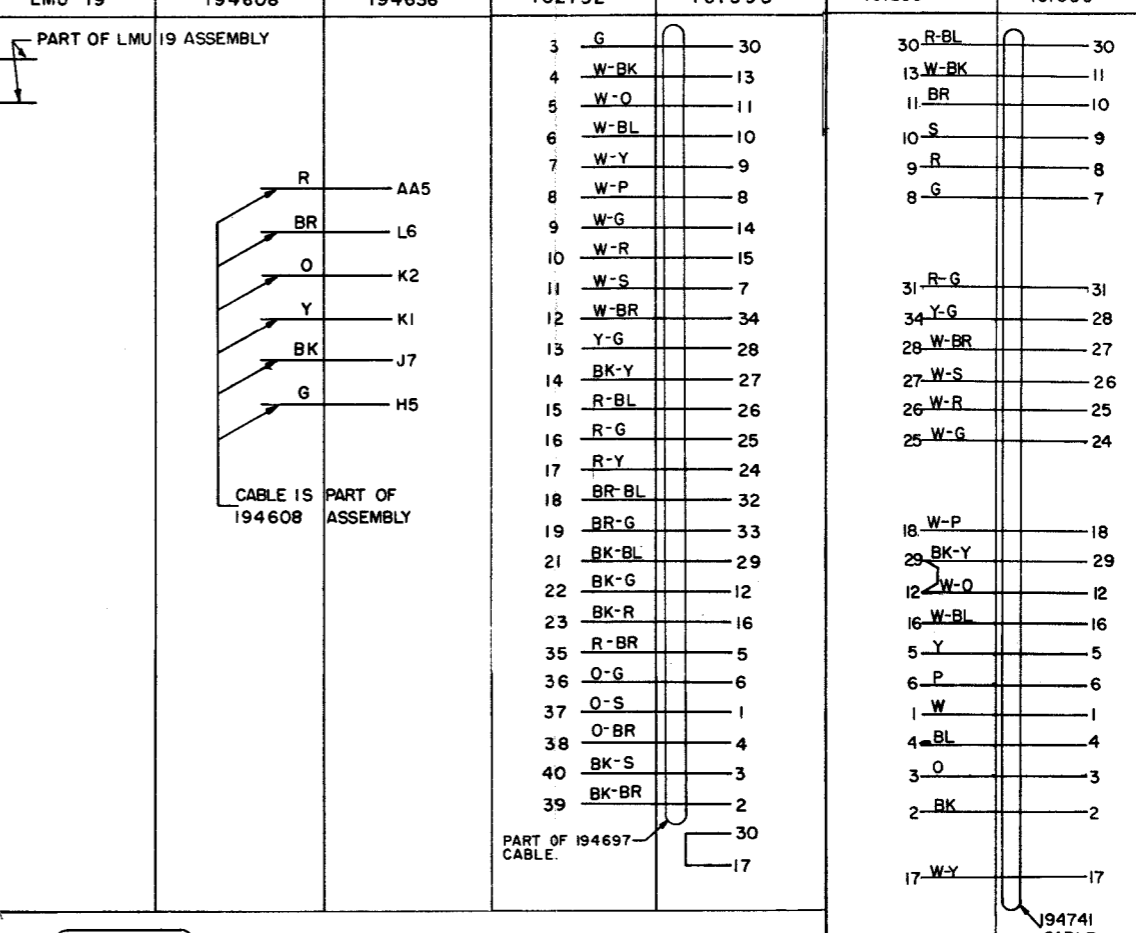
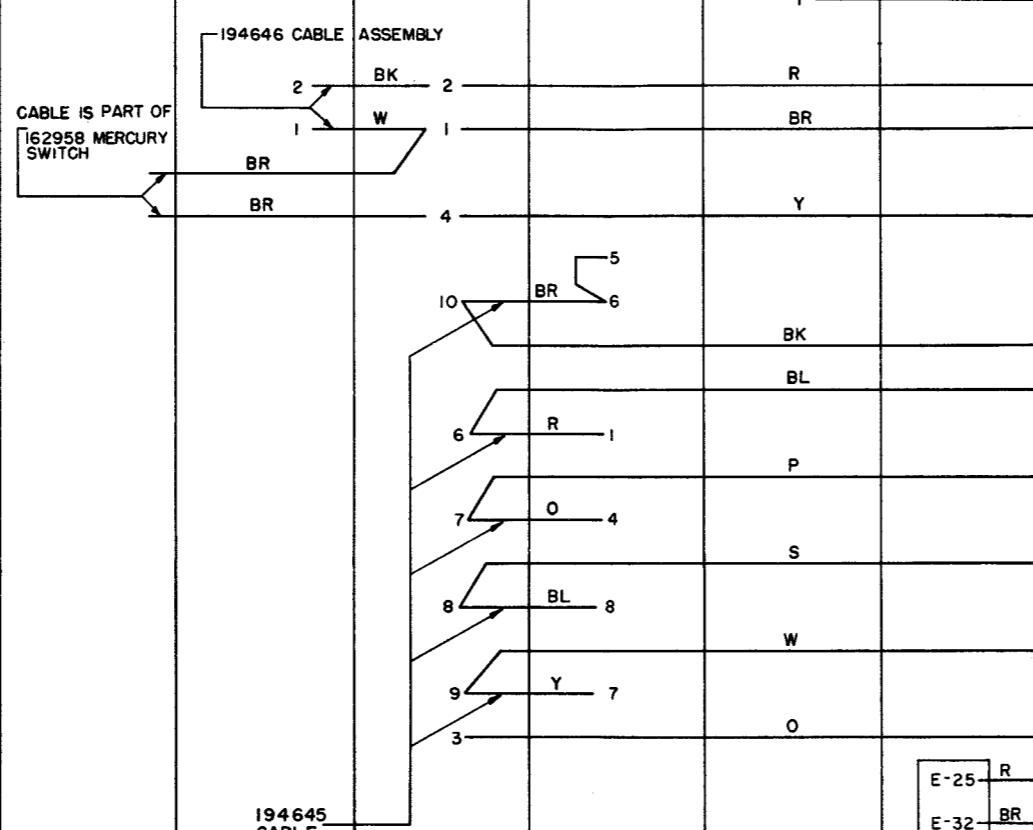
DATE: 1-14-63
P.D. FILE NO. 3-95AAA

DRAWN P.A. CHKD J.W.
ENGR P.H.B. APPD J.W.

TELETYPE
CORPORATION

5969WD

NO.	NOTES	ITEM	MERCURY SWITCH	WINDER MOTOR	TERMINAL BOARD	LOW - TAPE SWITCH	RECEPTACLE	MAIN CABLE	MOTOR	FEED - OUT ASSEMBLY	TERMINAL BOARD	CONNECTOR	CONNECTOR	CONNECTOR	CONNECTOR	6022WD		
1.	REFER TO 6021WD FOR SCHEMATIC.	CIRCUIT DESIGNATION	G	C	A	B	D				TB	E	F	FB	FA	REVISIONS		
2.	* INDICATES 18 GA. WIRES	PART NUMBER	162958	145967	154406	174570 (2)	114467	194697	LMU-19	194608	194636	182732	161595	161239	161595	ISSUE	DATE	AUTH. NO.
3.	TERMINAL DESIGNATIONS ENCLOSED IN PARENTHESES ARE FOR REFERENCE AND ARE NOT MARKED ON COMPONENT.															2	9-4-63	77405
4.	COLOR CODE: BR - BROWN BL - BLUE BK - BLACK Y - YELLOW W - WHITE P - PURPLE R - RED S - SLATE O - ORANGE G - GREEN W - BK - WHITE BLACK W - O - WHITE ORANGE W - BL - WHITE BLUE W - Y - WHITE YELLOW W - P - WHITE PURPLE W - R - WHITE RED W - S - WHITE SLATE W - BR - WHITE BROWN R - BL - RED BLUE R - G - RED GREEN R - Y - RED YELLOW R - BR - RED BROWN BR - BL - BROWN BLUE BR - G - BROWN GREEN BK - BL - BLACK BLUE BK - G - BLACK GREEN BK - R - BLACK RED BK - S - BLACK SLATE BK - BR - BLACK BROWN O - G - ORANGE GREEN O - S - ORANGE SLATE O - BR - ORANGE BROWN Y - G - YELLOW GREEN															3	7-10-64	83009
																4	9-15-64	83061



WIRING LIST FOR TAPE TO TAPE PANEL ASSEMBLY VCL 283 AND VCL 316 ASSEMBLY NO. 194548

APPROVALS	
D AND-R	E OF M
E-NUMBER	
PROD. NO. 6022 WD	
DATE 3-4-63	
R.D. FILE NO. 3 95 AAA	
DRAWN CG/RAL	CHKD.
ENGD. R.J.K.	APPD.
TELETYPE CORPORATION	
6022 WD	

6024WD

REVISIONS

ISSUE	DATE	AUTH. NO.
2	8-13-63	77403
3	9-5-63	77874
4	6-9-64	82051
5	7-10-64	82990

WIRING LIST

194605 SERVICE UNIT ASSEMBLY

APPROVALS

D AND R E OF M

E-NUMBER

PROD. NO. 6024WD

DATE 1-16-63

P.D. FILE NO. 3-95AAA

DRAWN C. A. CHKD. J. G. M.

ENGD. P. H. B. APPD. B. G. G.

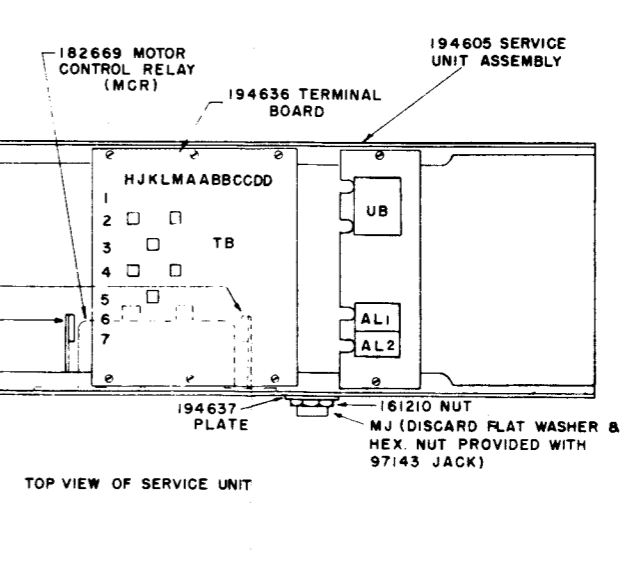
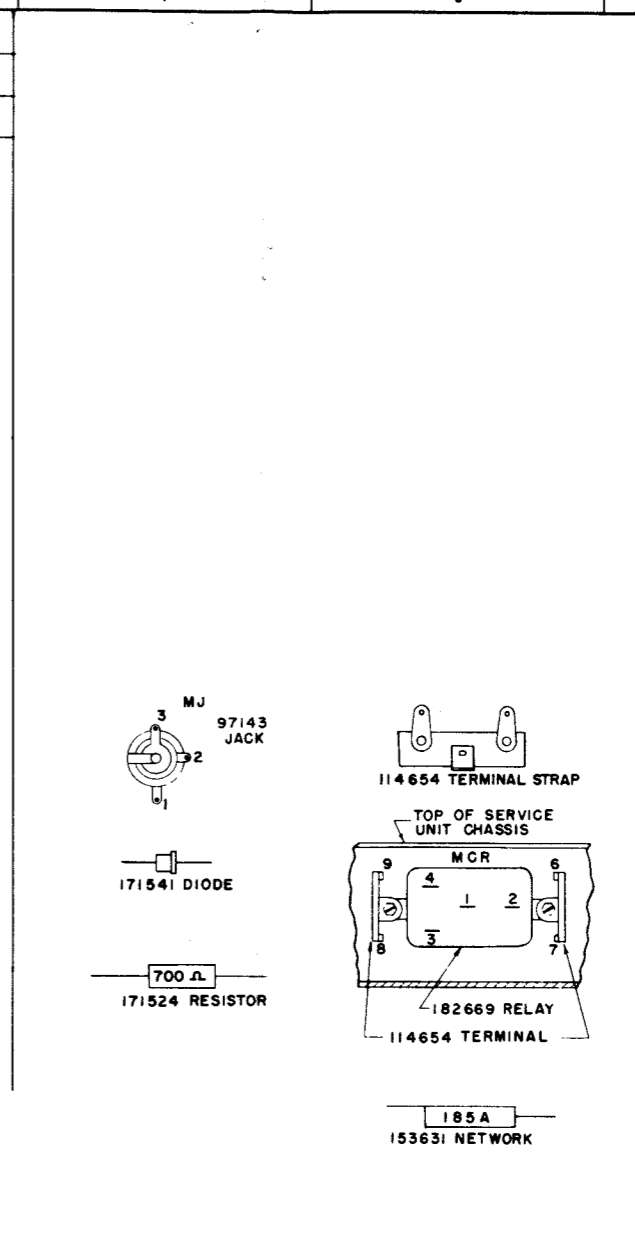
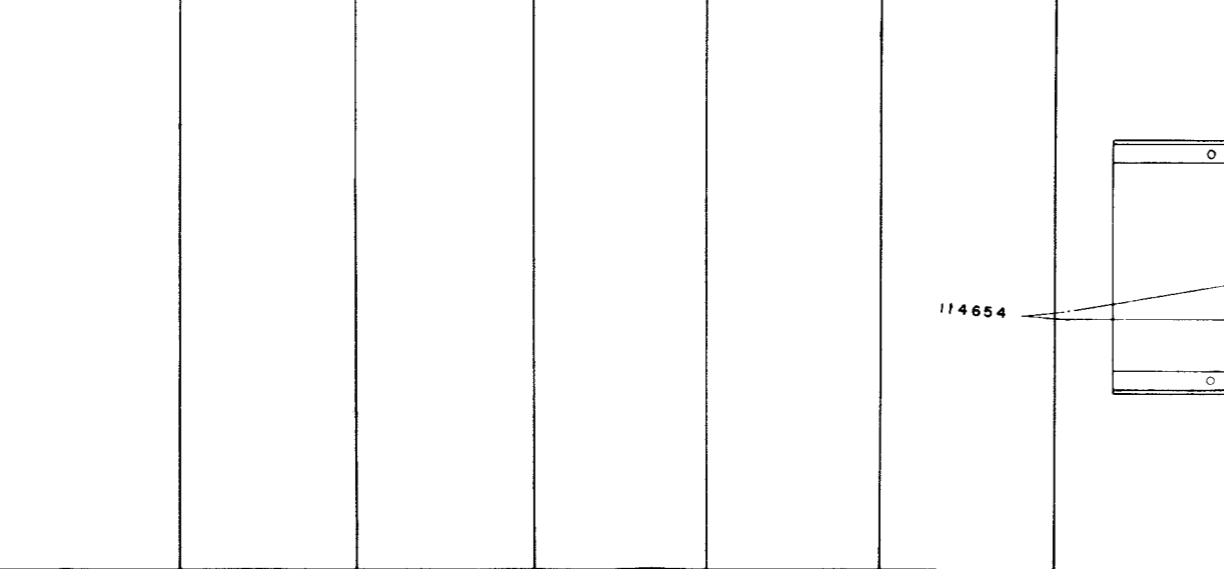
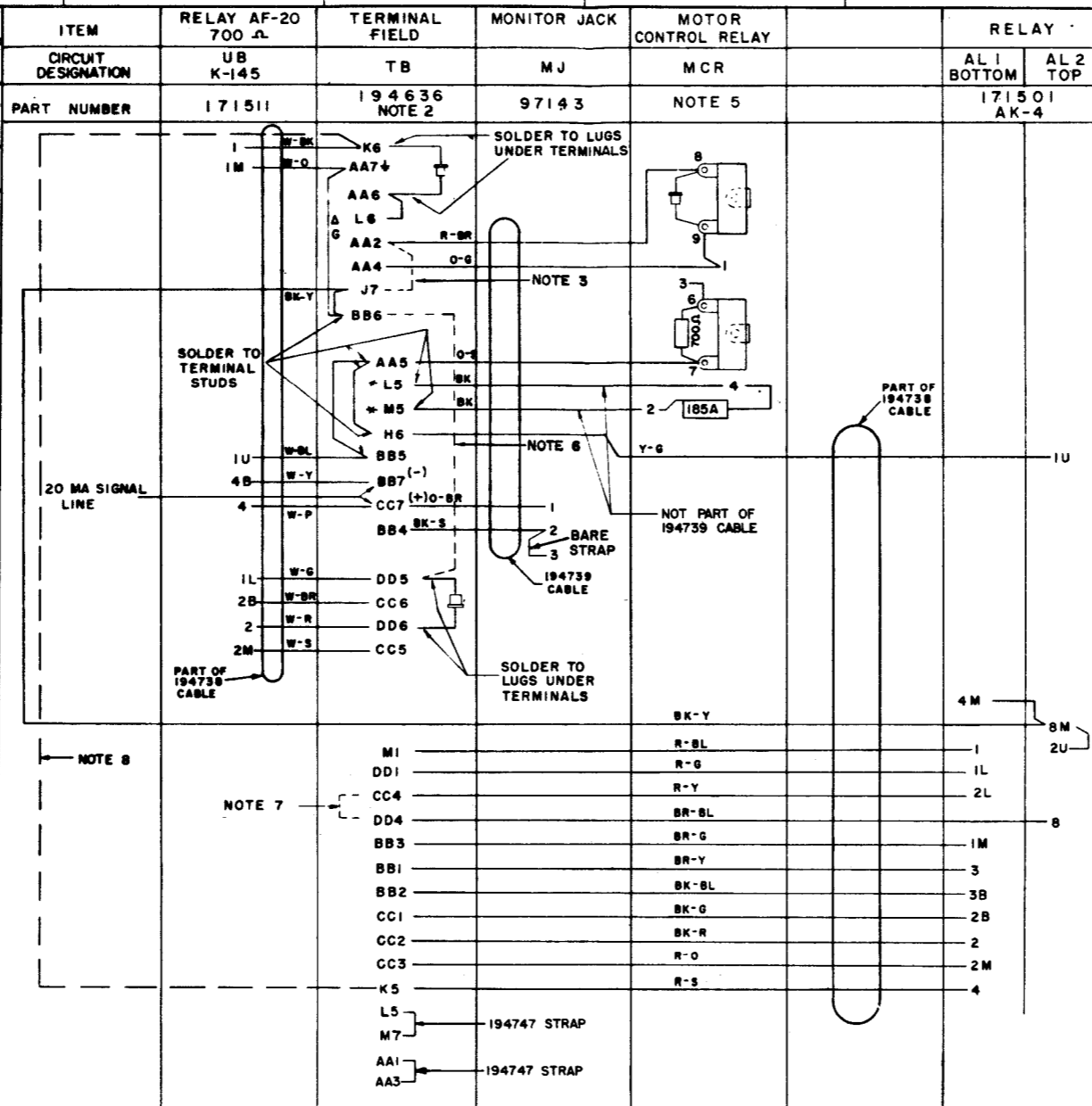
TELETYPE CORPORATION

6024WD

NO.	NOTES
1	REFER TO 6023WD FOR SCHEMATIC.
2	ALL WIRES CONNECTED TO TOP OF TERMINAL BOARD TO BE ASSEMBLED TO 192007 TERMINALS.
3	ADD STRAP ACROSS TB-AA2 AND TB-J7 TO RUN MOTORS CONTINUOUSLY.
4	* INDICATES 18 GA. WIRE.
5	MCR CONSISTS OF (1) MOTOR CONTROL RELAY 182669, AND (2) 114654 TERMINAL STRIPS.
6	ADD STRAP ACROSS TB-BB6 AND TB-DD5 TO DISABLE THE BLINDING CIRCUIT.
7	ADD STRAP ACROSS TB-CC4 AND TB-DD4 TO BYPASS TAPE-OUT LEADS WHEN CIRCUIT IS USED AS PART OF A SIGNAL-TO-TAPE CODE CONVERTER.
8	STRAP TB-K5 TO TB-K6 WHEN AUTOMATIC LETTERS FEED-OUT IS DESIRED FOR TAPE-TO-TAPE CONVERTERS. REMOVE CONNECTION TO CONTACT 1UB AND TIE BACK.
9	Δ INDICATES 24 GA. WIRE.
10	ALL OTHER WIRE 24 GA. GREEN RM 31784

COLOR CODE:

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

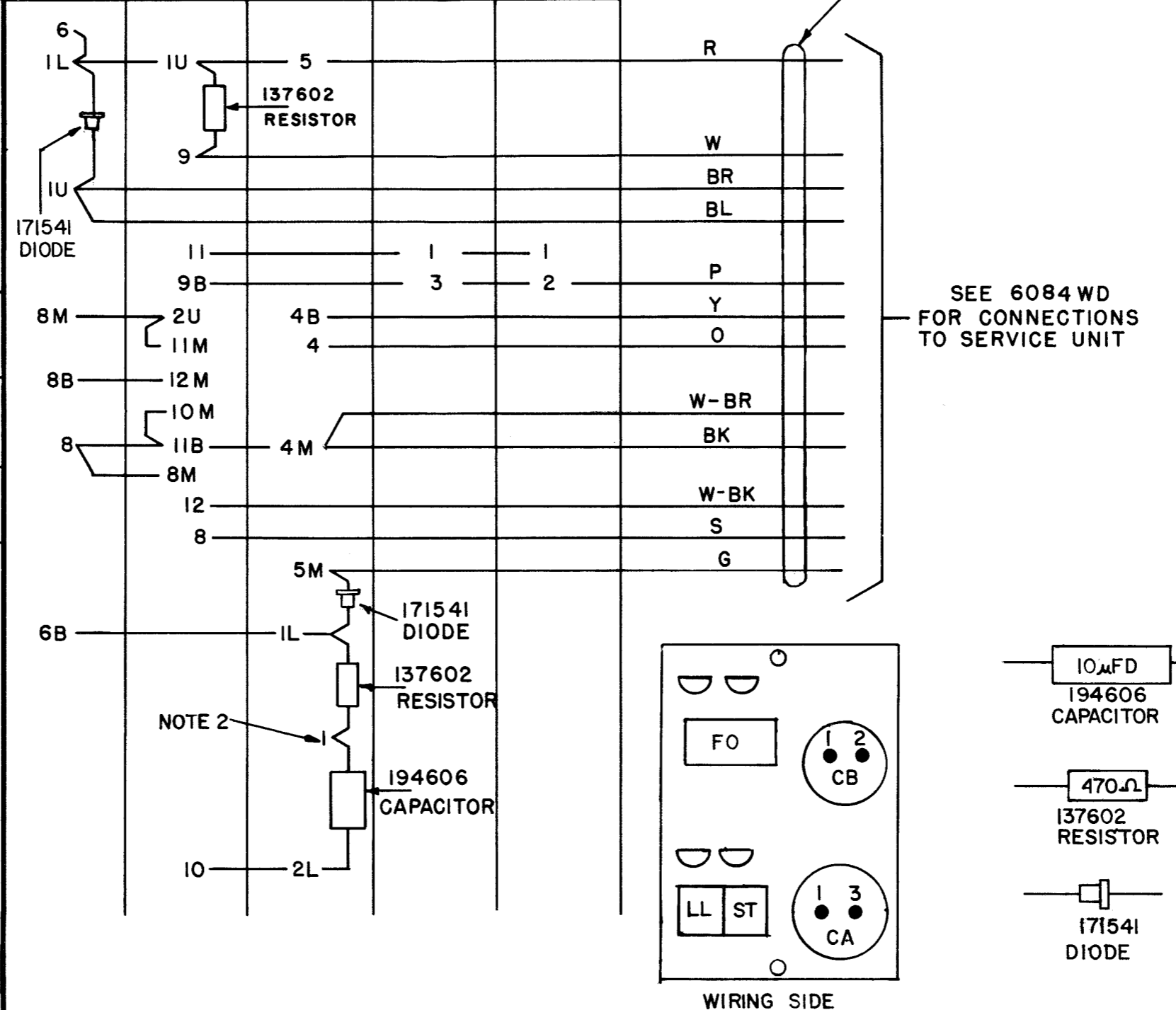


6036WD

ISSUE	DATE	AUTH. NO.
2	8-10-64	83011
3	9-25-64	83011-1

- NOTE**
- 1 FOR SCHEMATIC REFER TO 5887WD
- 2 TERMINAL 1 ON LL RELAY USED AS TIE POINT.
- 3 COLOR CODE IDENTIFICATION
 R-RED
 W-WHITE
 BR-BROWN
 BL-BLUE
 P-PURPLE
 Y-YELLOW
 O-ORANGE
 BK-BLACK
 S-SLATE
 G-GREEN
 W-BR WHITE BROWN
 W-BK-WHITE BLACK
- 4 ALL CAPACITANCE VALUES IN MICROFARADS UNLESS OTHERWISE SPECIFIED.
- 5
- 6 ALL SURFACE WIRING 24 AWG GREEN, 31784RM UNLESS OTHERWISE SPECIFIED.

RELAY	RELAY	CAPACITOR		
FO	ST	LL	CA	CB
165051	171501	171501	194600	194620
AG-24	TOP	AK-4 BOTTOM	2000 MFD	900 MFD



WIRING LIST
 194595
 AUTOMATIC
 FEED-OUT
 ASSEMBLY

APPROVALS

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

E-NUMBER: _____

PROD. NO. 6036WD

DATE: 1-30-63

P.D. FILE NO. 3-95AAA

DRAWN: *C.S.* CHKD: *[Signature]*

ENG. *P.H.B.* APPD: *[Signature]*

TELETYPE CORPORATION

6036WD

6038WD

ISSUE	DATE	AUTH. NO.
2	7-30-64	83012

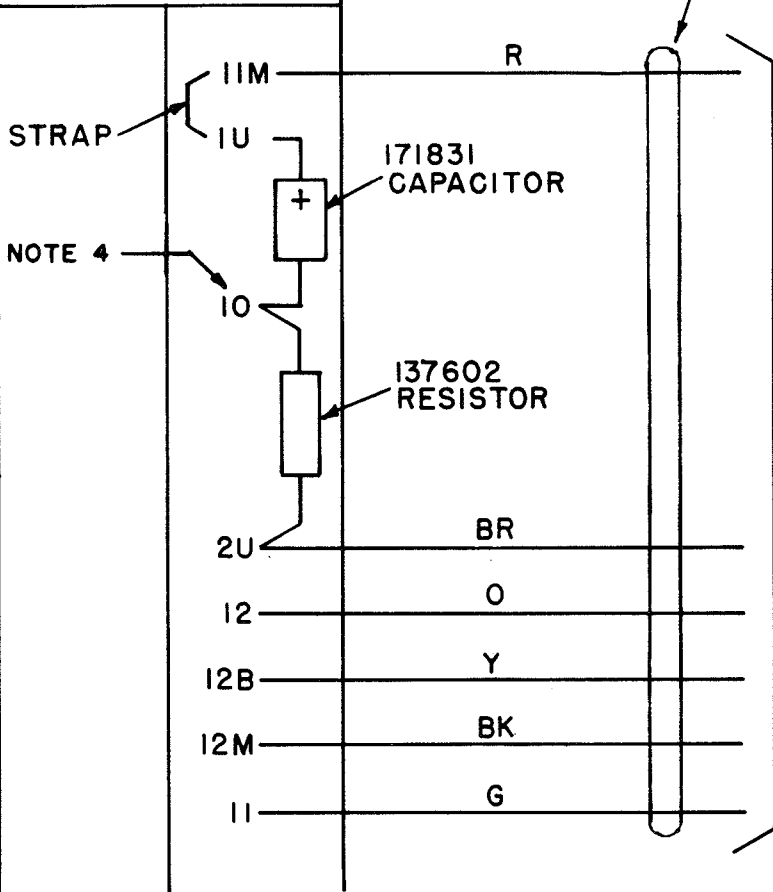
NOTES

- FOR SCHEMATIC REFER TO 6037 WD
- ASSOCIATED CABLE 194641 CABLE ASSEMBLY
- COLOR CODE IDENTIFICATION:
 R — RED
 BR — BROWN
 O — ORANGE
 Y — YELLOW
 BK — BLACK
 G — GREEN
- TERMINAL 10 OF FO RELAY USED AS TIE POINT.

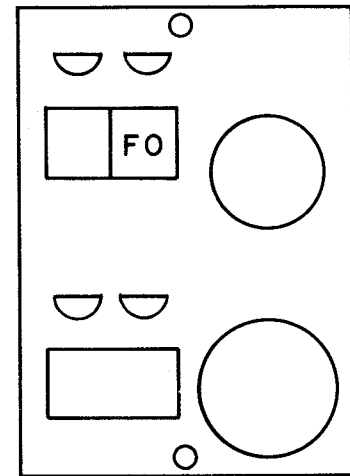
RELAY

(NOT USED) FO

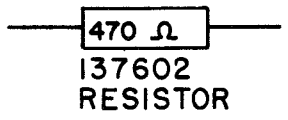
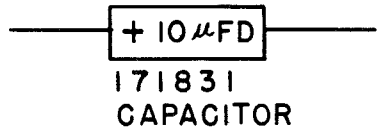
171506 AK-6



SEE 6021 WD FOR CONNECTIONS TO SERVICE UNIT



WIRING SIDE



WIRING LIST
 194608
 FEED-OUT
 ASSEMBLY

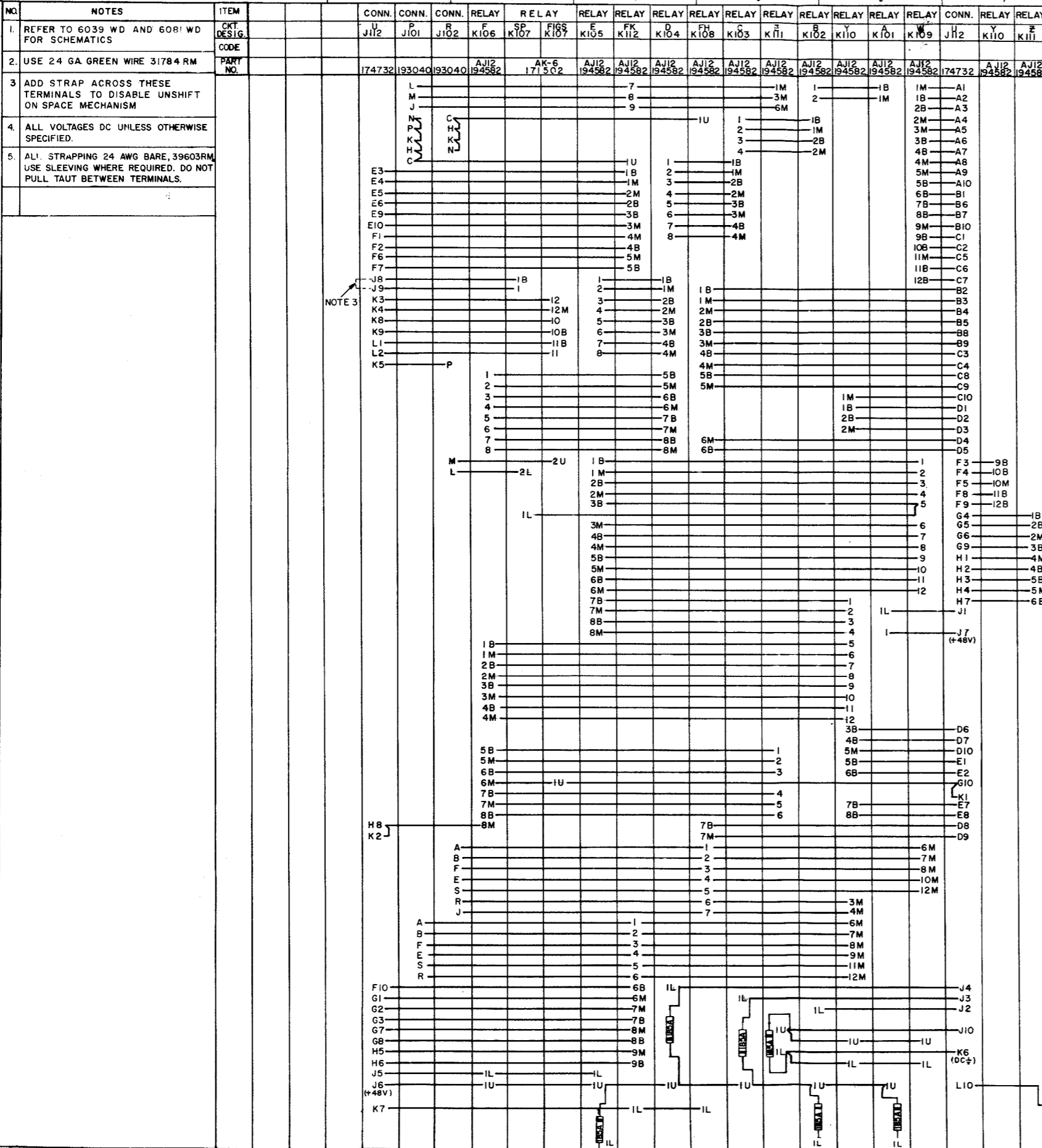
APPROVALS
 D AND R | E OF M
 E-NUMBER
 PROD. NO. 6038 WD

DATE: 1-30-63
 P.D. FILE NO 3-95AAA
 DRAWN. C.J. CHKD. [Signature]
 ENGD. PHB APPD. [Signature]

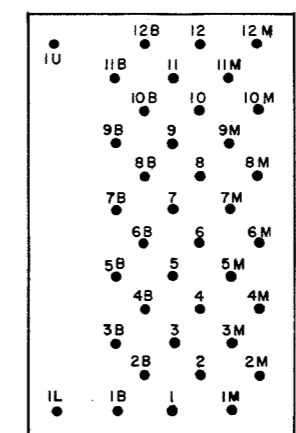
TELETYPE CORPORATION
 6038WD

6082 WD

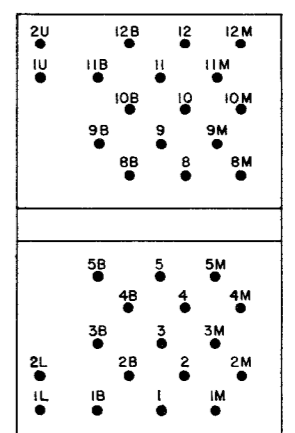
REVISIONS		
ISSUE	DATE	AUTH. NO.
1	8-12-63	77689
2	6-4-64	81242
3	7-7-64	82995
4	10-23-64	85877



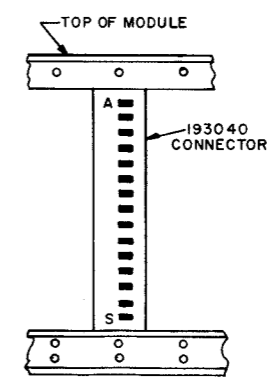
NOTE 3



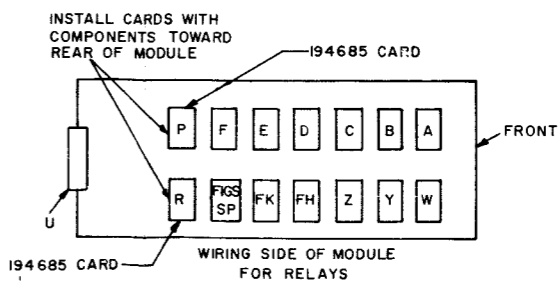
RELAY TERMINAL NUMBERING (WIRING SIDE)
K101, K102, K103, K104, K105, K106, K108, K109, K110, K111, K112



RELAY TERMINAL NUMBERING (WIRING SIDE)
K107



WIRING SIDE OF CARD CONNECTOR SHOWING LOCATION OF TERMINALS.



WIRING SIDE OF MODULE FOR RELAYS

ACTUAL WIRING DIAGRAM FOR 5 TO 8 LEVEL TRANSFER TREE MODULE 194670

APPROVALS	
D AND R	E OF M
E-NUMBER	
PROG. NO. 6082 WD	
DATE 8-2-63	
P.D. FILE NO. 4-95AAA	
DRAWN VJK	CHKD.
ENGR. RJK	APPD. /
TELETYPE CORPORATION	

6082 WD

6084 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
2	8-30-63	77410
3	7-31-64	82985

CONNECTOR	CONNECTOR
C	D
1	R-O 33
2	R-S 34
3	G 2
4	W-BK 9
5	W-O 12
6	W-BL 15
7	W-Y 18
8	W-P 21
9	W-G 27
10	W-R 30
11	W-S 24
12	W-BR 7
13	Y-G 10
14	BK-Y 13
15	R-BL 16
16	R-G 19
17	R-Y 22
18	BR-BL 25
19	BR-G 28
20	BR-Y 32
21	BK-BL 8
22	BK-G 4
23	BK-R 5
	31

WIRING LIST FOR SIGNAL TO TAPE PANEL ASSEMBLY
VCL 282
AND
VCL 317
ASSEMBLY NO. 194706

APPROVALS

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

E-NUMBER

PROD. NO. 6084 WD

DATE 3-9-63

P.D. FILE NO. 3-95.AA

DRAWN CG

CHKD.

ENGD. PHB

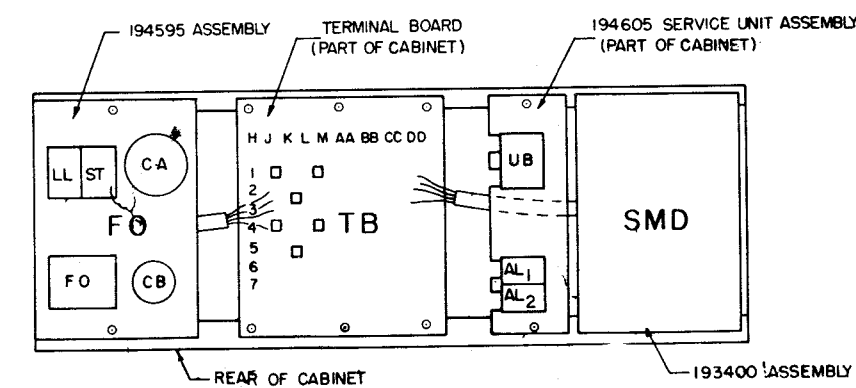
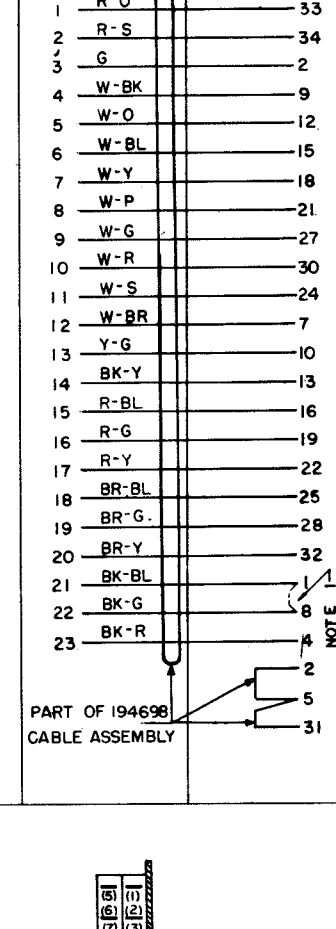
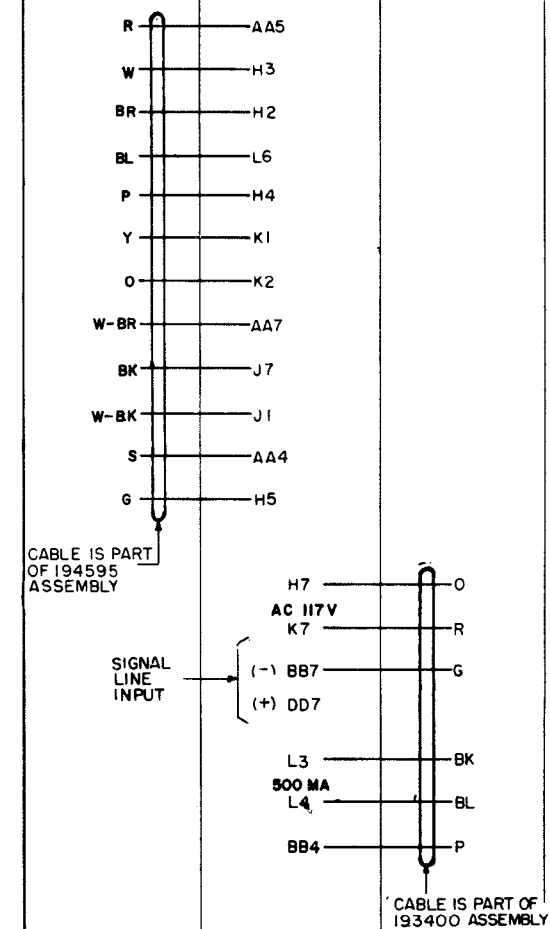
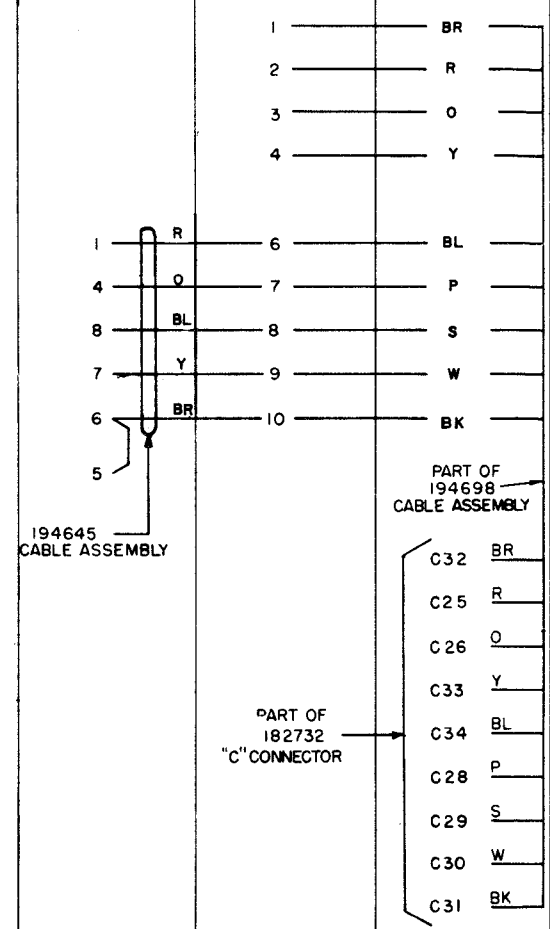
APPD.

TELETYPE CORPORATION

6084 WD

ITEM	LOW TAPE CONTACTS	TERMINAL BLOCK	CABLE	FEED-OUT ASSEMBLY	TERMINAL BOARD	SELECTOR MAGNET DRIVER	CONNECTOR	CONNECTOR
CIRCUIT DESIGNATION	B	A		FO	TB	SMD	C	D
PART NUMBER	174570	154406	194698	194595	194636	193400	182732	161239

1. THIS STRAP IS NOT PART OF THE 194698 CABLE ASSEMBLY BUT MUST BE ADDED WHEN THE CABLE IS USED AS PART OF THE VCL 317 ASSEMBLY
2. REFER TO 6083WD FOR SCHEMATIC.
3. ALL VOLTAGES DC UNLESS OTHERWISE SPECIFIED.
4. WIRE COLOR CODE IDENTIFICATION:
- | | |
|------------|------------|
| BR - BROWN | P - PURPLE |
| R - RED | S - SLATE |
| O - ORANGE | W - WHITE |
| Y - YELLOW | BK - BLACK |
| BL - BLUE | G - GREEN |
- | | |
|-----------------------|--|
| W-BR - WHITE & BROWN | |
| W-BK - WHITE & BLACK | |
| R-O - RED & ORANGE | |
| R-S - RED & SLATE | |
| W-O - WHITE & ORANGE | |
| W-BL - WHITE & BLUE | |
| W-Y - WHITE & YELLOW | |
| W-P - WHITE & PURPLE | |
| W-G - WHITE & GREEN | |
| W-R - WHITE & RED | |
| W-S - WHITE & SLATE | |
| Y-G - YELLOW & GREEN | |
| BK-Y - BLACK & YELLOW | |
| R-BL - RED & BLUE | |
| R-G - RED & GREEN | |
| R-Y - RED & YELLOW | |
| BR-BL - BROWN & BLUE | |
| BR-G - BROWN & GREEN | |
| BR-Y - BROWN & YELLOW | |
| BK-BL - BLACK & BLUE | |
| BK-G - BLACK & GREEN | |
| BK-R - BLACK & RED | |
5. NUMBERS IN () ARE FOR REFERENCE ONLY.



TOP VIEW OF CABINET MTG. LOCATION

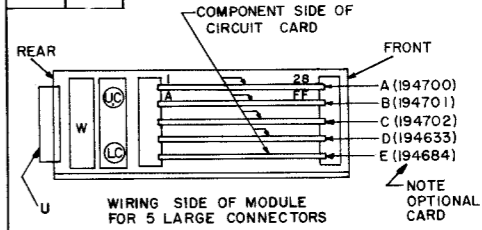
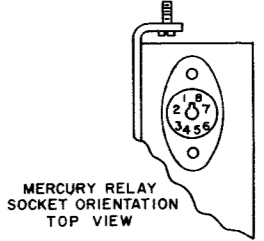
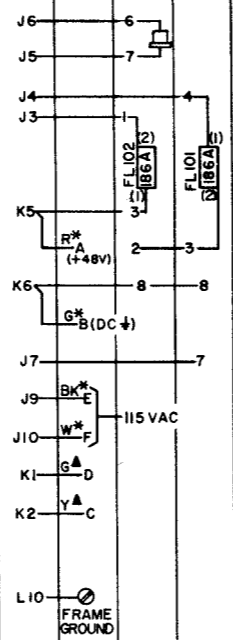
6086 WD

REVISIONS		
ISSUE	DATE	AUTH. NO.
2	5-22-63	76489
3	6-12-63	77689
4	7-7-64	82995
5	9-25-64	83011-1

1. REFER TO 6087 WD FOR SCHEMATIC
2. * - INDICATES 18 GA. WIRE.
 ▲ - INDICATES 24 GA. STRANDED WIRE.
 ALL OTHER WIRE 24 GA GREEN 31784RM.
3. CONNECTOR "E" IS FOR OPTIONAL CARD 194684 WHICH IS NOT PROVIDED AS PART OF THIS ASSEMBLY.
4. ALL VOLTAGES DC UNLESS OTHERWISE SPECIFIED.
5. WIRE COLOR CODE IDENTIFICATION
 BK - BLACK
 W - WHITE
 R - RED
 G - GREEN
 Y - YELLOW
6. NUMBERS IN () ARE FOR REFERENCE ONLY.
7. ALL VOLTAGES DC UNLESS OTHERWISE SPECIFIED.

NO.	ITEM	CONN.	CONN.	CONN.	CONN.	CONN.	CONN.	CONN.	CONN.	RELAY SOCKET	RELAY SOCKET
1.	CKT. DESIG.	J115	A J103	B J104	C J105	D J106	E J107	F J115	G P102	H UC J113	I LC J114
2.	CODE		Z103	Z104	Z105	Z106	Z107		Z112	K113	K114
	PART NO.	174732	193033	193033	193033	193033	193033	174732	171651	194540	194540

- A1 - 8
- A2 - 5
- A3 - F
- A4 - 6
- A5 - 10
- A6 - 12
- A7 - 14
- A8 - 15
- A9 - 17
- A10 - 18
- B1 - 20
- B2 - 22
- B3 - 25
- B4 - CC
- B5 - EE
- B6 - 26
- B7 - 24
- B8 - 8
- B9 - 5
- B10 - F
- C1 - 6
- C2 - 10
- C3 - 12
- C4 - 14
- C5 - 15
- C6 - 17
- C7 - 18
- C8 - 20
- C9 - 22
- C10 - 25
- D1 - CC
- D2 - EE
- D3 - 26
- D4 - 24
- D5 - 8
- D6 - 5
- D7 - F
- D8 - 6
- D9 - 10
- D10 - 12
- E1 - 14
- E2 - 15
- E3 - 17
- E4 - 18
- E5 - 20
- E6 - 22
- E7 - 25
- E8 - CC
- E9 - EE
- E10 - 26
- F1 -
- F2 - 24
- F3 - 8
- F4 - 5
- F5 - F
- F6 - 6
- F7 - 10
- F8 - 12
- F9 - 14
- F10 - 15
- G1 - 17
- G2 - 18
- G3 - 20
- G4 - 22
- G5 - 25
- G6 - CC
- G7 - EE
- G8 - 26
- G9 - 24
- H1 - 14
- H2 - 15
- H3 - 17
- H4 - 18
- H5 - 20
- H6 - 22
- H7 - 25
- H8 - CC
- H9 - EE
- H10 - 26
- H11 - 24
- L1 - 3 - 3 - 3 - 3 - 3
- L2 - C - C - C - C - C
- L3 - 2 - 2 - 2 - 2 - 2
- L4 - A - A - A - A - A
- L5 - FF - FF - FF - FF - FF
- L6 - 27 - 27 - 27 - 27 - 27
- L7 - 28 - 28 - 28 - 28 - 28
- L8 - 16 - 16 - 16 - 16 - 16



ACTUAL WIRING DIAGRAM FOR 5 TO 8 LEVEL CODE CONVERTER WIRING LIST FOR 194671 DIODE MATRIX MODULE

APPROVALS	
D AND R	E OF M
E-NUMBER	
PROD. NO. 6086 WD	
DATE 8-1-63	
P.D. FILE NO. 4-95 AAA	
DRAWN J.V.K.	CHKD.
ENGR. R.J.K.	APPD.

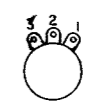
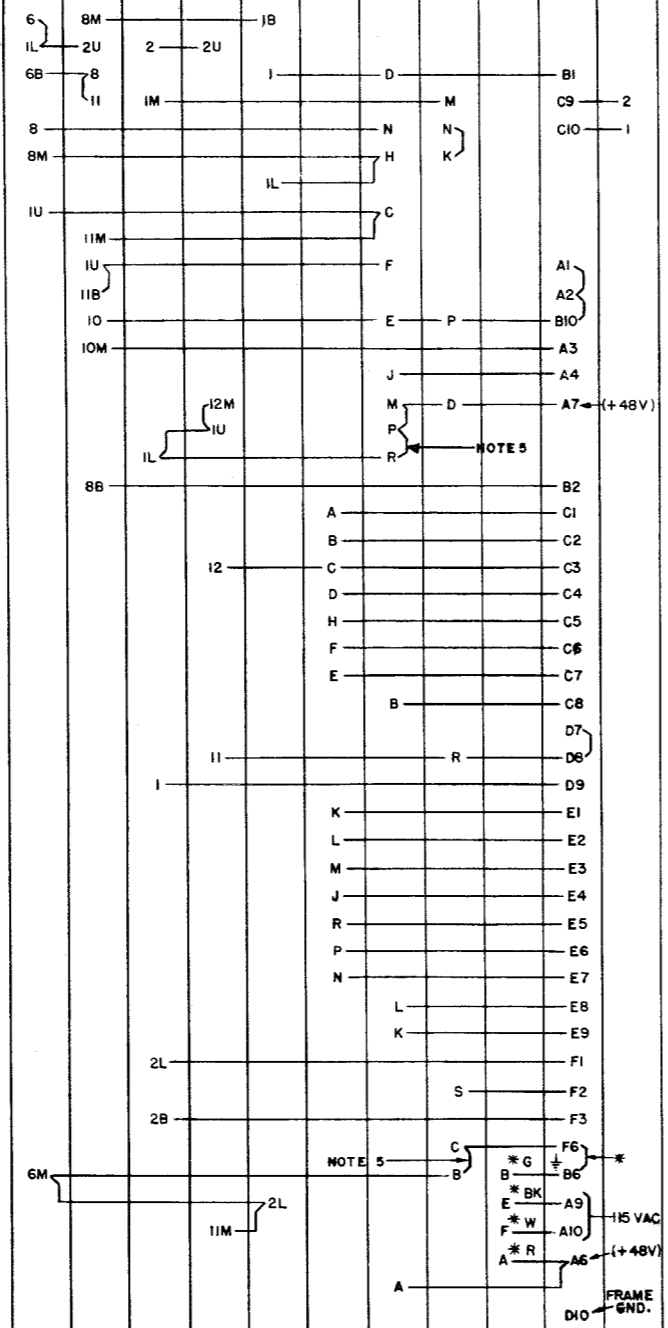
6086 WD

6089WD

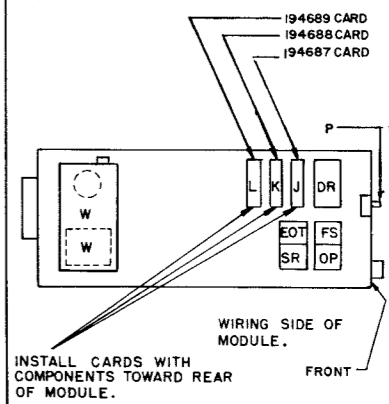
REVISED		
ISSUE	DATE	AUTH. NO.
2	8-12-63	77689
3	8-6-64	82999

1. REFER TO 6088WD FOR SCHEMATIC.
2. * 18 GA. WIRE. ALL OTHER WIRE 24 GA. GREEN 31784 RM
3. WIRE COLOR CODE IDENTIFICATION
BK - BLACK
W - WHITE
R - RED
G - GREEN
4. ALL VOLTAGE DC UNLESS OTHERWISE SPECIFIED.
5. ALL STRAPPING WIRE 24 AWG BARE 39603RM. USE SLEEVING WHERE REQUIRED. DO NOT PULL TAUT BETWEEN TERMINALS.

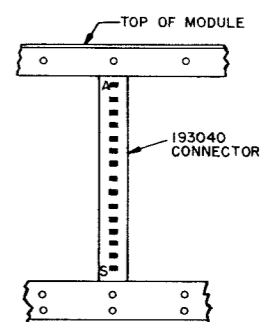
RELAY	RELAY	RELAY	CONN.	CONN.	CONN.	CONN.	POT.
DR K115	FS K116	OP EOT K117	J108	K109	L110	W101	U111
AF20	AK4	AK6					
171511	171501	171502	193040	193040	193040	171651	174731
							194596



194596 POTENTIOMETER REAR VIEW



INSTALL CARDS WITH COMPONENTS TOWARD REAR OF MODULE.



WIRING SIDE OF CARD CONNECTOR SHOWING LOCATION OF TERMINALS

ACTUAL WIRING DIAGRAM 5 TO 8 LEVEL CODE CONVERTER WIRING LIST FOR 194672 CONTROL MODULE

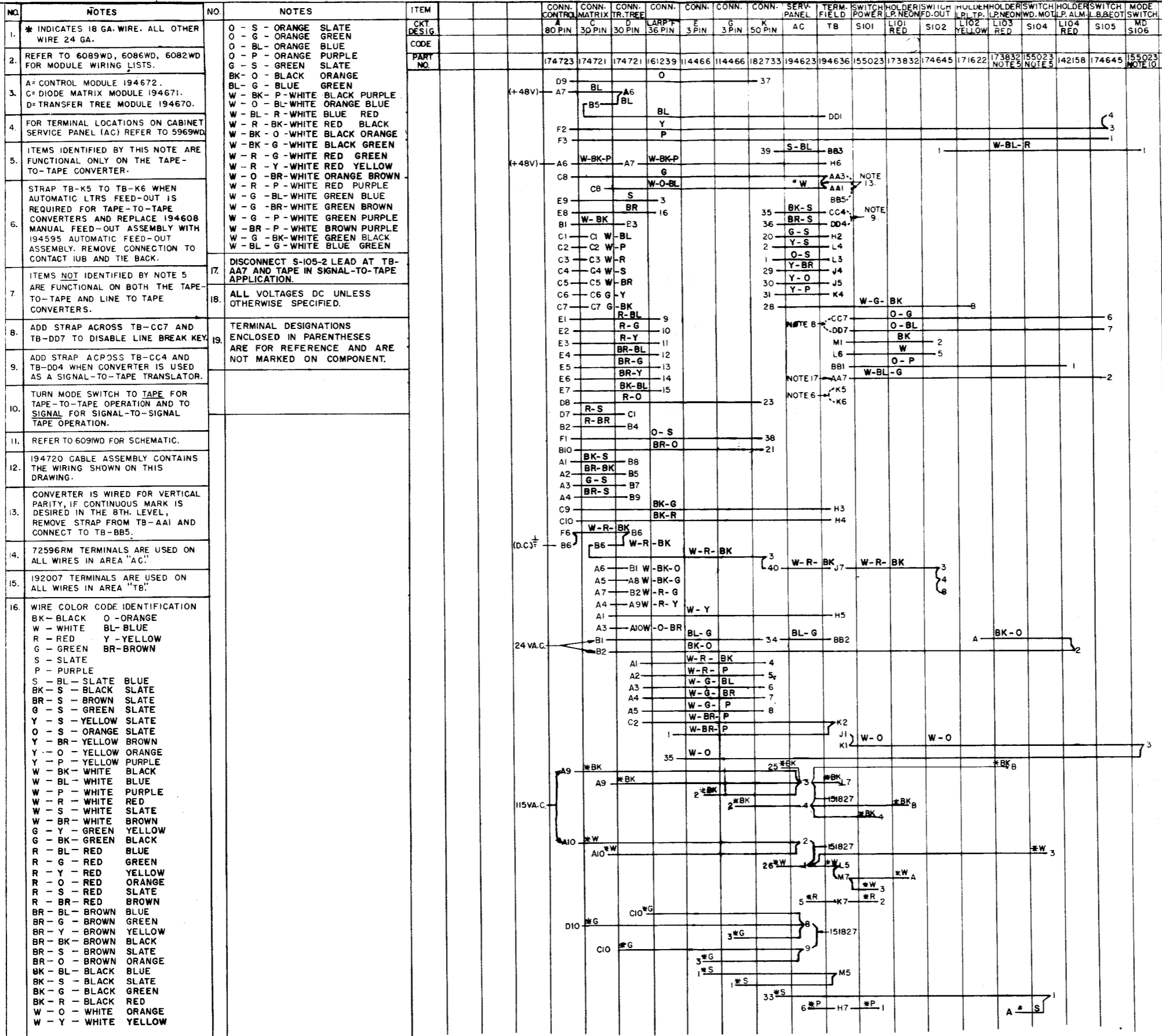
APPROVALS	
D AND R	E OF M
E-NUMBER	
PROG. NO. 6089WD	
DATE 7-31-63	
P.D. FILE NO. 4-95AAA	
DRAWN A.D.	CHKD.
ENGD. R. J. K.	APPD.

TELETYPE CORPORATION
6089WD

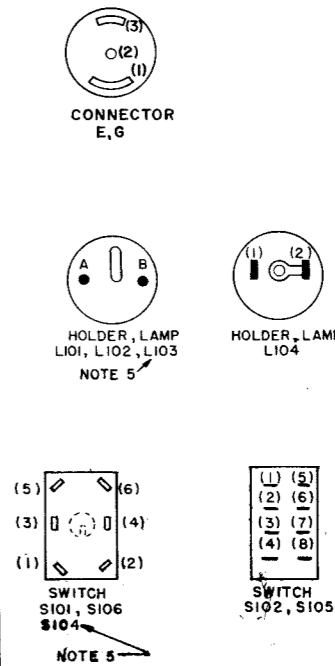
6090 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
2	5-29-63	77026
3	8-12-63	77689
4	9-5-63	77874
5	12-12-63	77435
6	6-9-64	82051
7	8-3-64	83000
8	9-1-64	83054



NO.	NOTES
1.	* INDICATES 18 GA. WIRE. ALL OTHER WIRE 24 GA.
2.	REFER TO 6089WD, 6086WD, 6082WD FOR MODULE WIRING LISTS.
3.	A= CONTROL MODULE 194672. C= DIODE MATRIX MODULE 194671. D= TRANSFER TREE MODULE 194670.
4.	FOR TERMINAL LOCATIONS ON CABINET SERVICE PANEL (AC) REFER TO 5969WD
5.	ITEMS IDENTIFIED BY THIS NOTE ARE FUNCTIONAL ONLY ON THE TAPE-TO-TAPE CONVERTER.
6.	STRAP TB-K5 TO TB-K6 WHEN AUTOMATIC LTRS FEED-OUT IS REQUIRED FOR TAPE-TO-TAPE CONVERTERS AND REPLACE 194608 MANUAL FEED-OUT ASSEMBLY WITH 194595 AUTOMATIC FEED-OUT ASSEMBLY. REMOVE CONNECTION TO CONTACT IUB AND TIE BACK.
7.	ITEMS NOT IDENTIFIED BY NOTE 5 ARE FUNCTIONAL ON BOTH THE TAPE-TO-TAPE AND LINE TO TAPE CONVERTERS.
8.	ADD STRAP ACROSS TB-CC7 AND TB-DD7 TO DISABLE LINE BREAK KEY
9.	ADD STRAP ACROSS TB-CC4 AND TB-DD4 WHEN CONVERTER IS USED AS A SIGNAL-TO-TAPE TRANSLATOR.
10.	TURN MODE SWITCH TO TAPE FOR TAPE-TO-TAPE OPERATION AND TO SIGNAL FOR SIGNAL-TO-SIGNAL TAPE OPERATION.
11.	REFER TO 6091WD FOR SCHEMATIC.
12.	194720 CABLE ASSEMBLY CONTAINS THE WIRING SHOWN ON THIS DRAWING.
13.	CONVERTER IS WIRED FOR VERTICAL PARITY, IF CONTINUOUS MARK IS DESIRED IN THE 8TH. LEVEL, REMOVE STRAP FROM TB-AA1 AND CONNECT TO TB-BB5.
14.	72596RM TERMINALS ARE USED ON ALL WIRES IN AREA "AC".
15.	192007 TERMINALS ARE USED ON ALL WIRES IN AREA "TB".
16.	WIRE COLOR CODE IDENTIFICATION BK - BLACK O - ORANGE W - WHITE BL - BLUE R - RED Y - YELLOW G - GREEN BR - BROWN S - SLATE P - PURPLE S - BL - SLATE BLUE BK - S - BLACK SLATE BR - S - BROWN SLATE G - S - GREEN SLATE Y - S - YELLOW SLATE O - S - ORANGE SLATE Y - BR - YELLOW BROWN Y - O - YELLOW ORANGE Y - P - YELLOW PURPLE W - BK - WHITE BLACK W - BL - WHITE BLUE W - P - WHITE PURPLE W - R - WHITE RED W - S - WHITE SLATE W - BR - WHITE BROWN G - Y - GREEN YELLOW G - BK - GREEN BLACK R - BL - RED BLUE R - G - RED GREEN R - Y - RED YELLOW R - O - RED ORANGE R - S - RED SLATE R - BR - RED BROWN BR - BL - BROWN BLUE BR - G - BROWN GREEN BR - Y - BROWN YELLOW BR - BK - BROWN BLACK BR - S - BROWN SLATE BR - O - BROWN ORANGE BK - BL - BLACK BLUE BK - S - BLACK SLATE BK - G - BLACK GREEN BK - R - BLACK RED W - O - WHITE ORANGE W - Y - WHITE YELLOW
17.	DISCONNECT S-105-2 LEAD AT TB-AA7 AND TAPE IN SIGNAL-TO-TAPE APPLICATION.
18.	ALL VOLTAGES DC UNLESS OTHERWISE SPECIFIED.
19.	TERMINAL DESIGNATIONS ENCLOSED IN PARENTHESES ARE FOR REFERENCE AND ARE NOT MARKED ON COMPONENT.



ACTUAL WIRING DIAGRAM
WIRING LIST
AC 348
5 TO 8 LEVEL
CODE CONVERTER
CABINET

APPROVALS
D AND R E OF M

E - NUMBER
PROD. NO. 6090 WD
DATE 8-3-63
P.D. FILE NO. 4-95AAA
DRAWN A.D. CHKD.
ENGD. R. J. K. APPD.

TELETYPE CORPORATION

6090WD

6367 WD

ISSUE	DATE	AUTH. NO.
2	9-7-63	77399
3	7-9-64	83005

NO. NOTES

1. * INDICATES 18GA. WIRE. ALL OTHER WIRE 24GA.

2. REFER TO 6366 WD FOR CABLE ROUTING.

4. COLOR CODE IDENTIFICATION:

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

TERMINAL FIELD	
TB	
194636	
DD1	BL
BB3	S-BL
H6	W-BK-P
AA3	G
H3	BK-G
H4	BK-R
L7	BK*
L5	W*
M7	W*(2)
J7	W-BK-R(2)
AA1	W-O-BL
H5	W-Y
BB2	BL-G
K2	W-BR-P(2)
K1	W-O
J1	W-O
M5	S*(2)
CC4	S-BK
DD4	S-BR
H2	S-G
L4	S-Y
L3	S-O
J4	Y-BR
J5	Y-O
K4	Y-P
H7	P*(2)
K7	R*(2)
CC7	O-G
DD7	O-BL
MI	BK
L6	W
BB1	O-P
AA7	W-BL-G

SERVICE PANEL	
AC	
194623	
4	BK*(3)
2	W*(2)
1	W*(3)
9	G*(2)
3	BK*(4)
6	P*
5	R*
8	G*(3)

PART OF 194720 CABLE

PART OF 194720 CABLE

WIRING LIST FOR CONNECTIONS FROM 194720 CABLE ASSEMBLY TO THE TERMINAL FIELD AND SERVICE PANEL

AC 348

APPROVALS	
D AND R	E OF M
<i>[Signature]</i>	<i>[Signature]</i>
E-NUMBER	
PROD. NO. 6367WD	
DATE: 3-30-63	
P.D. FILE NO.	
DRAWN. E.R.	CHKD. <i>[Signature]</i>
ENG. R.J.K.	APPD. <i>[Signature]</i>
TELETYPE CORPORATION	
6367 WD	