

35 ELECTRICAL SERVICE UNIT
ACTUAL WIRING DIAGRAMS

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1. GENERAL

1.01 This section provides the actual wiring diagrams for the 35 electrical service units.

1.02 The section is reissued to include the most current wiring information. Since this is a general revision, marginal arrows have been omitted.

1.03 A complete listing of the attached wiring diagrams is presented in the diagram index. The location of each wiring diagram is indicated by its position in the index. The index also lists the subject matter and current issue of diagram.

1.04 These diagrams show the origin and termination of the various leads as well as the color coding of the leads for each of the components.

1.05 Notes are included on the diagrams to explain the symbols used or to point out certain special conditions that should be observed.

1.06 Schematic diagrams for the electrical service units will be found in the appropriate sections.

2. DIAGRAM INDEX (ATTACHMENTS)

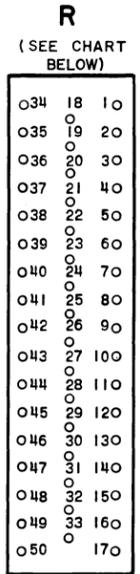
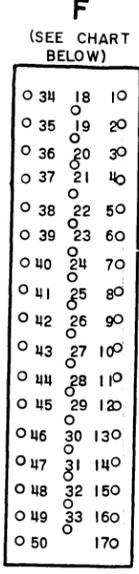
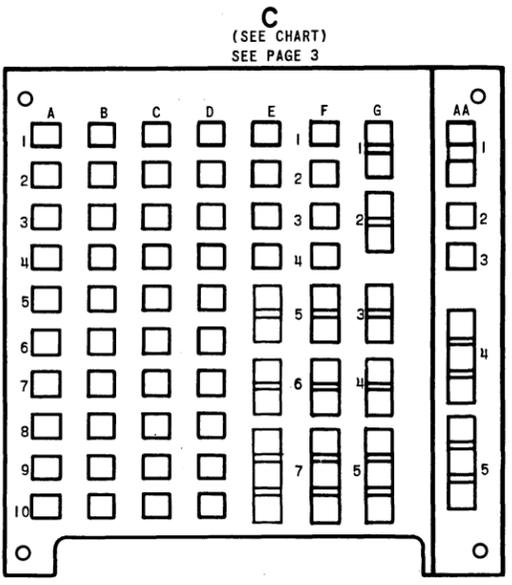
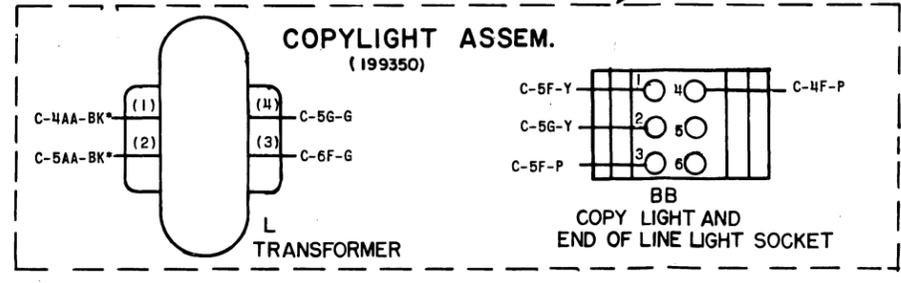
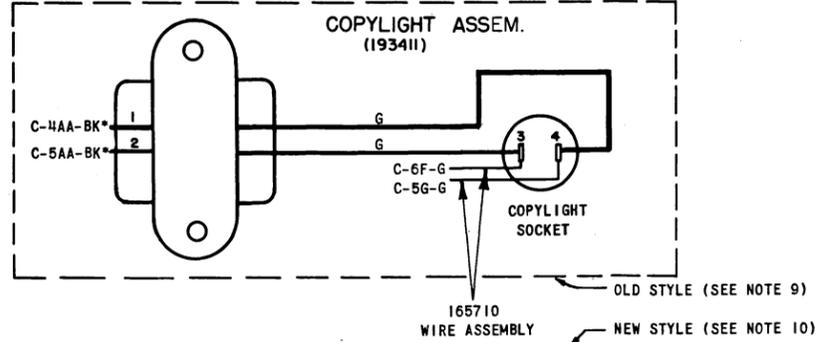
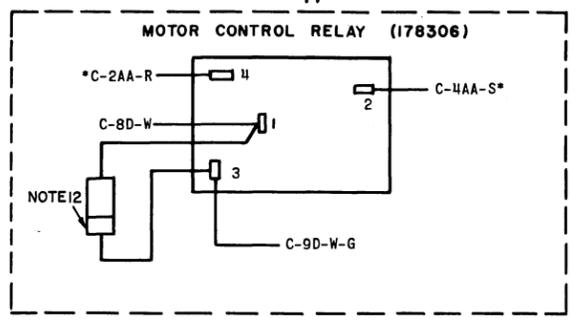
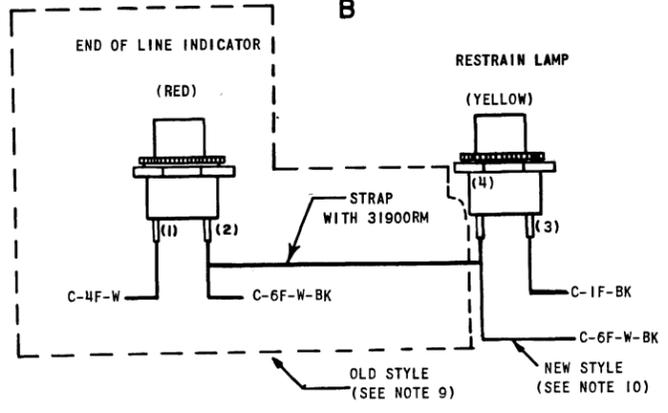
TITLE	SHEET NO.	DIAGRAM NUMBER	WD ISSUE
Electrical Service Unit LESU305 (Bell 35E) for 35 KSR Set	CTRL	4933WD	12
	1		9
	2		9
	3		6
	4		4
	5		5
	6		6
Electrical Service Unit LESU304 (Bell 35D) for 35 RO Set	1	4934WD	10
	2		10
	3		4
	4		5
Electrical Service Unit LESU300 (Bell 35A) for 35 KSR Set	CTRL	5821WD	3
	1		15
	2		14
	3		13
	4		13

SECTION 574-226-400

TITLE	SHEET NO.	DIAGRAM NUMBER	WD ISSUE
Electrical Service Unit LESU301 (Bell 35B), LESU326 for 35 ASR Set	CTRL 1	5822WD	4
	CTRL 2		4
	1		13
	2		11
	3		11
	4		11
	5		27
	6		24
	7		17
8	15		
Electrical Service Unit LESU302 (Bell 35C) for 35 RO Set	1	5823WD	6
	2		5
Surface Wiring for LESU306 (Bell 35F)	1	5864WD	C
Selector Magnet Driver for 35 Sets	1	5983WD	6
Electrical Service Unit LESU308 (Bell 35L)	1	6002WD	4
Electrical Service Units LESU309 and 310 for 35 Private Line KSR and RO Sets	CTRL	6046WD	4
	1		14
	2		11
	3		11
Electrical Service Unit LESU311 (Bell 35M) for 35 Private Line ROTR Set	1	6080WD	4
	2		4
Electrical Service Unit LESU313 for 35 Private Line ASR Set	CTRL	6394WD	3
	1		11
	2		9
	3		9
Electrical Service Unit LESU318 for 35 ASR Set	CTRL	6523WD	2
	1		10
	2		7
	3		11
	4		13
	5		13
	6		10
Electrical Service Unit LESU315 for 35 8A1 and 8B1 Data Selective Calling System ASR Set	1	6935WD	7
	2		7
	3		6
Electrical Service Unit LESU314 for 35 1A Selective Calling KSR and RO Sets	CTRL	6936WD	1
	1		10
	2		9
	3		8
Electrical Service Unit LESU326	1	7130WD	2
Surface Wiring for LESU306 (Bell 35F)	1	7170WD	4

TITLE	SHEET NO.	DIAGRAM NUMBER	WD ISSUE
Electrical Service Unit LESU324 (Bell 35J) for 35BJ and 35BJ-X3 KSR Set	CTRL 1 2	7244WD	3 8 7
Electrical Service Unit LESU325 (Bell 35K)	CTRL 1 2	7247WD	2 7 7
Electrical Service Unit LESU337 (Bell 35G) for 35 Private Line KSR Set	CTRL 1 2	7877WD	7 9 4
Electrical Service Unit LESU338 (Bell 35H) for 35 Private Line ASR Set	CTRL 1 2 3	7914WD	7 6 9 6
Electrical Service Unit LESU339 (Bell 35P) for 35 KSR or RO Private Line Set	CTRL 1 2	7972WD	7 6 5
Electrical Service Unit LESU341 (Bell 35N) for 35 Set	CTRL 1 2 3	8012WD	3 2 3 2
Electrical Service Unit LESU343 for UCL391 KSR Set	CTRL 1 2	8046WD	3 3 3
Electrical Service Unit LESU347 for 35 Sets	1	8109WD	3
Electrical Service Unit LESU349 (Bell 35T) for 35 ASR Set	CTRL 1 2 3 4	8142WD	7 5 3 5 2
Electrical Service Unit LESU346 (Bell 35Y) for 35 ROTR	CTRL B1 B2 B3 W1 W2	8146WD	3 3 1 1 3 2

1. WIRING LEGEND:
 DISTANT TERMINATING AREA
 DISTANT TERMINATING DESIGNATION
 A-I-W-BL
 WIRE COLOR CODE
2. COLOR CODE:
 BK - BLACK W - WHITE
 R - RED O - ORANGE
 G - GREEN S - SLATE
 BL - BLUE Y - YELLOW
 P - PURPLE BR - BROWN
3. UNIT WIRED FOR 117 VOLTS, 60 CYCLE A.C. POWER INPUT ONLY.
4. PLUG VIEWED FROM SOLDER TERMINAL ENDS.
5. FOR SCHEMATIC WIRING DIAGRAM, SEE 4935WD SHEETS B1, B2 AND B3.
6. * ASTERISK DENOTES 18 GA. WIRE.
7. SELECTOR MAGNET DRIVER ACTUAL WIRING DIAGRAMS ARE 5826WD FOR SMD. 165706 5983WD FOR SMD. 193485
8. UNITS USING VARIABLE CURRENT SELECTOR MAGNET DRIVER WITH 193440 CIRCUIT CARD ARE WIRED PER PAGES 1, 2 & 3. UNITS USING CONSTANT CURRENT SELECTOR MAGNET DRIVER WITH 182630 CIRCUIT CARD ARE WIRED PER PAGES 4, 5 & 6.
9. SHOWS WIRING WHEN END OF LINE LIGHT IS ON PANEL ADJACENT TO KEYBOARD.
10. SHOWS WIRING WHEN END OF LINE LIGHT IS ON UPPER COVER AT TOP OF LINE GUIDE SHAFT.
11. SL-BL INDICATES SLOW-BLOWING
12. NETWORK NOTE:
 TELETYPE PART NO. 153631



LEADS CONNECTED TO MAIN BOARD		
C-9B	R1	O
C-10B	R2	W-BR
C-3C	R4	W-G
C-4C	R5	W-P
C-5C	R6	W-R
C-6C	R7	W-BL
C-1D	R29	W-O
C-2D	R34	BK-G
C-3D	R35	R-BL
C-4D	R8	R-Y
C-5D	R9	BK-R
C-9C	F1	BK
C-4G	F2	BR
C-10C	F3	G
C-4G	F4	W
C-8C	F5	S
C-7C	F6	P
C-5G	F7	R
C-4F	F8	Y
C-5AA	F17	W*
C-3AA	F32	R*
C-4AA	F50	BL*
C-10A	F18	W-S

LEADS CONNECTED TO MAIN BOARD		
C-1AA	T2	BK*
C-2AA	Q1	S*
C-2AA	H4	R*
C-4AA	L1	BK*
C-4AA	H2	S*
C-5AA	L2	BK*
C-5AA	P2	W*
C-9C	NN	W
C-10C	NR	BL
C-8D	H1	W
C-9D	H3	W-G
C-1E	NP	O
C-2E	NL	BK
C-3E	S1	W-R
C-4E	S2	W-BL
C-5E	S4	BR-Y
C-6E	S3	BL-G
C-1F	B3	BK
C-2F	S6	BL
C-4F	B1	W
C-5G	L4	G
C-6F	S5	Y-G
C-6F	B2	W-BK
C-6F	L3	G
C-5G	P3	G*
C-4G	NA	P
C-4AA	SMD-4	R
C-5AA	SMD-C	O
C-7B	SMD-P	G
C-8B	SMD-N	P
C-9B	SMD-5	BL
C-10B	SMD-2	BK
C-10A	NK	Y
C-5G	GRD.	BK*

NOTE: REVISION INFORMATION MUST ALSO BE REFLECTED ON THE ISSUE CONTROL RECORD.

4933WD		
REVISIONS		
ISSUE	DATE	AUTH. NO.
2	8-1-62	74097
3	8-30-62	74344
4	10-20-62	74882
5	3-8-63	75732
6	11-4-63	78849
7	5-8-64	81602
8	6-16-64	82025
9	10-27-64	84301

SHEET 1 OF 6

ACTUAL WIRING DIAGRAM FOR LESU305 (KSR)

APPROVALS

D AND R	E OF M
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E-NUMBER

PROD. NO. 4933WD

DATE 6-5-62

P.D. FILE NO. 1-159.151AA

DRAWN M.K. CHKD.

ENGD. W.T.C. APPD. T.L.P.

TELETYPE CORPORATION

4933WD

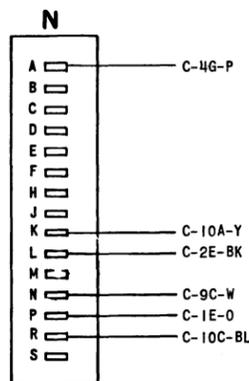
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SEE SHEET 1 FOR NOTES.

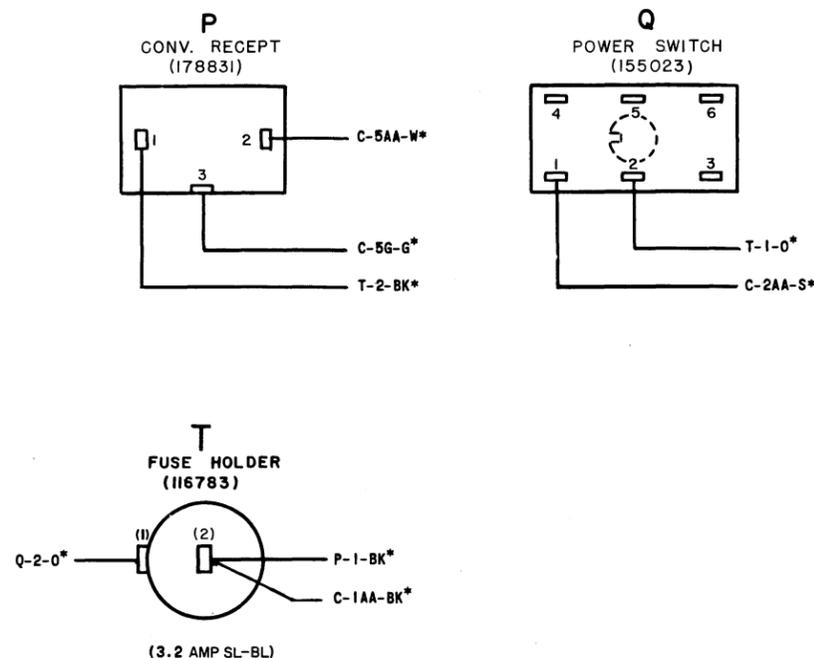
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4933WD

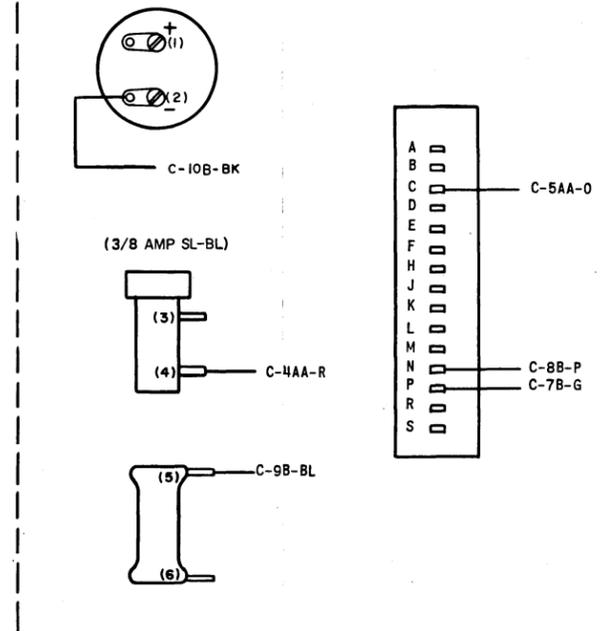
SIGNAL REGEN. ASSEMBLY



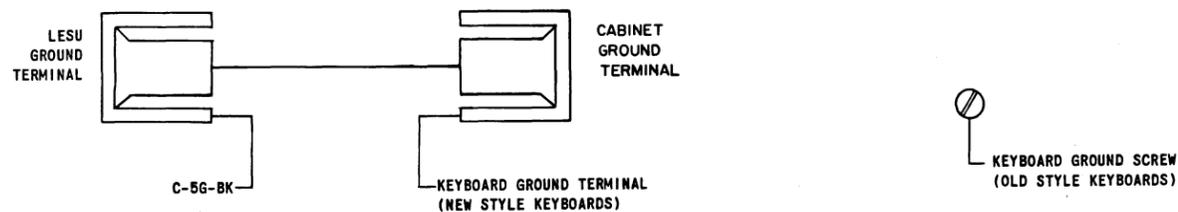
POWER DISTR. ASSEM. (165699)



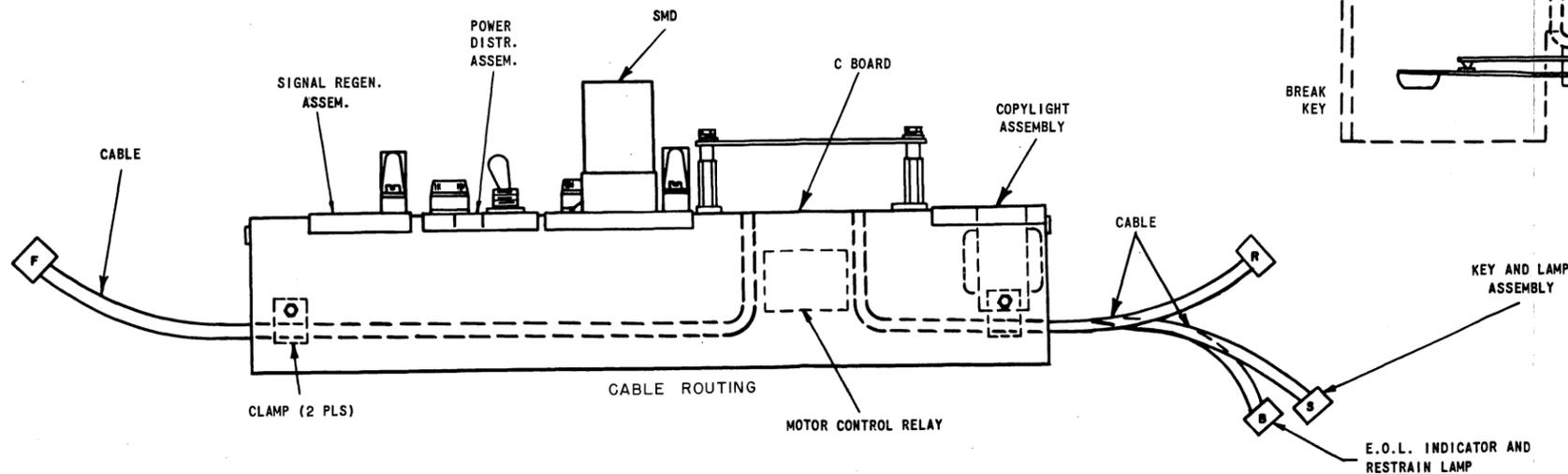
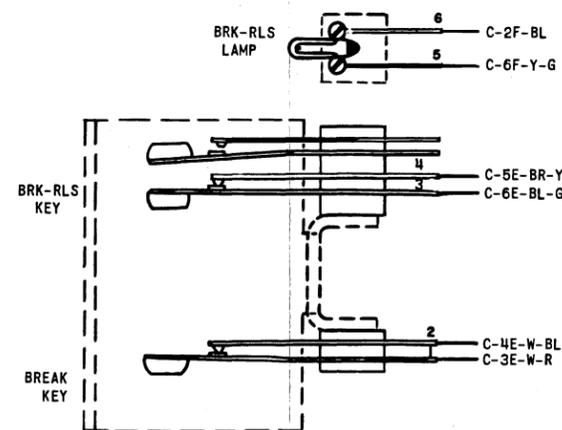
SMD (SEE NOTE 7) (165706)



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3	8-30-62	74344
4	10-20-62	74882
5	3-8-63	75732
6	11-14-63	78849
7	5-8-64	81602
8	6-16-64	82025
9	10-27-64	84301



S KEY AND LAMP ASSEMBLY (165717)



SHEET 2 OF 6

ACTUAL WIRING DIAGRAM FOR LESU305 (KSR)

APPROVALS

D AND R	E OF M
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E-NUMBER

PROD. NO. 4933WD

DATE 6-5-62

P.D. FILE NO. I-159.151AA

DRAWN M.K.

CHKD.

ENGD. W.T.C.

APPD. *T.H.P.*

TELETYPE CORPORATION

4933WD

07

SEE SHEET 1 FOR NOTES.

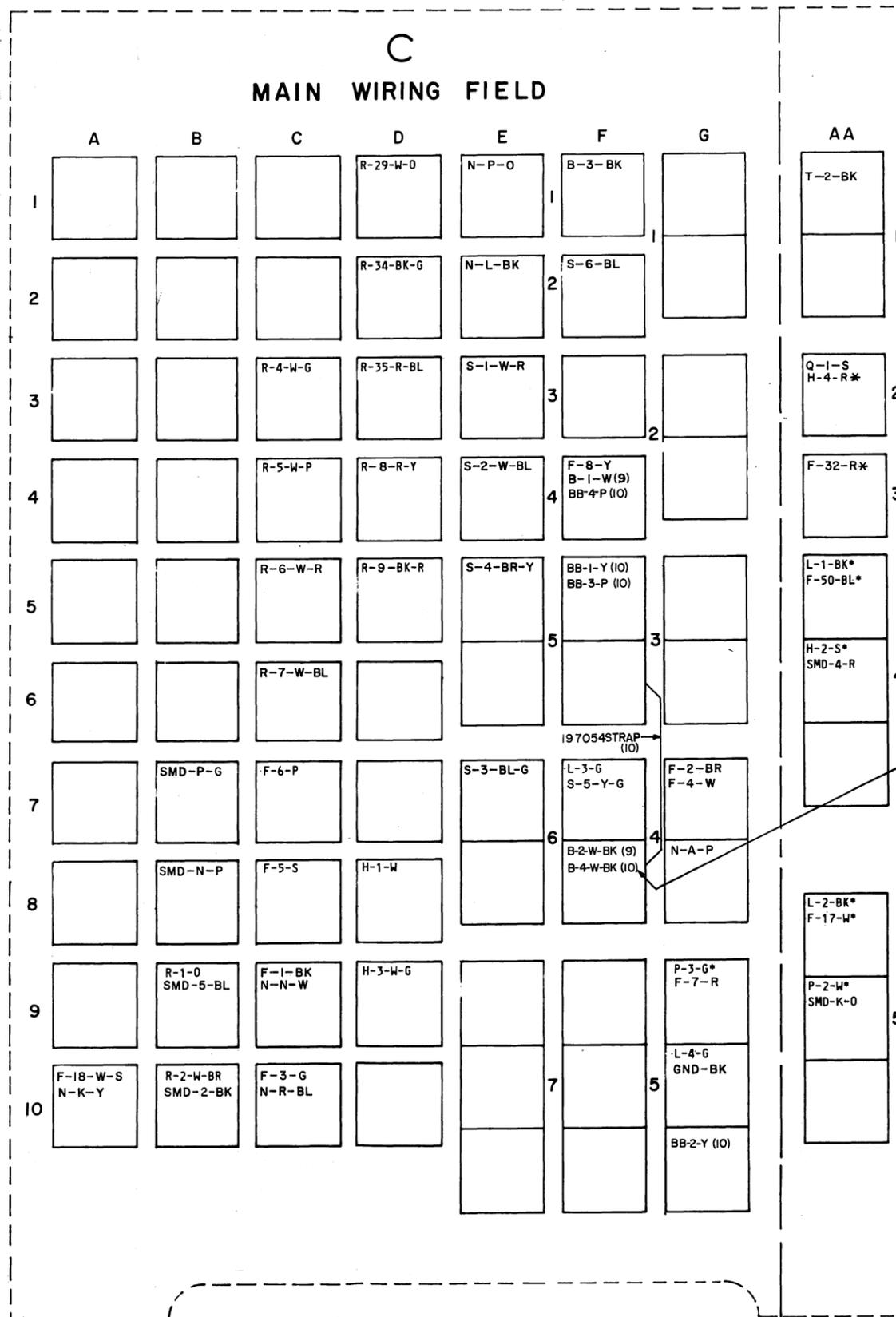
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4933WD

REVISIONS

ISSUE	DATE	AUTH. NO.
2	5-8-64	81602
3	6-18-64	82025
4	10-27-64	84301
5	3-24-65	86801
6	3-31-65	86296

C
MAIN WIRING FIELD



197054STRAP
(10)

SEE NOTES 9 AND 10

PAGE 3 OF 6

ACTUAL
WIRING DIAGRAM
FOR
LESU305
(KSR)

APPROVALS

D AND R E OF M

E-NUMBER

PROD. NO. 4933 WD

DATE 6-5-62

P.D. FILE NO. 1-159.151AA

DRAWN RGK CHKD.

ENGD. G E W APPD. T.P.

TELETYPE
CORPORATION

4933WD

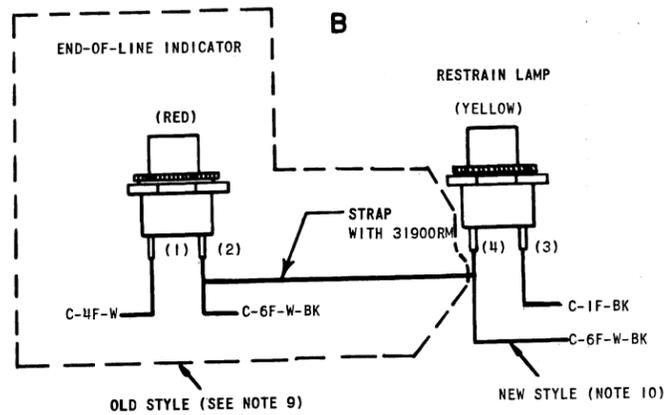
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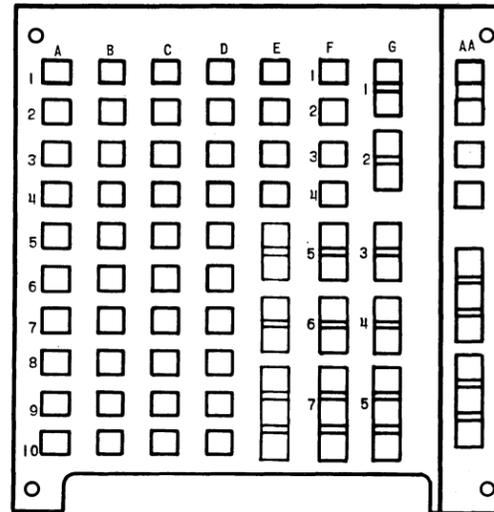
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REVISIONS

ISSUE	DATE	AUTH. NO.
2	5-8-64	81602
3	6-18-64	82025
4	10-27-64	84301



C
(SEE CHART)
SEE SHEET 6

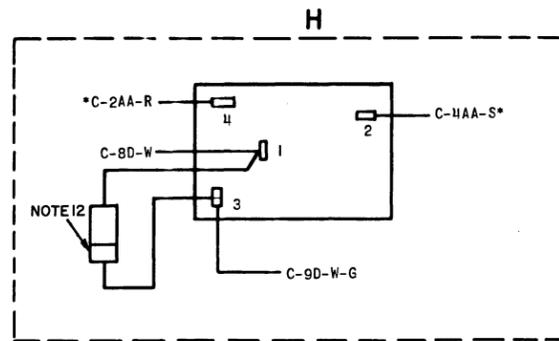


F
(SEE CHART
BELOW)

034	18	10
035	19	20
036	20	30
037	21	40
038	22	50
039	23	60
040	24	70
041	25	80
042	26	90
043	27	100
044	28	110
045	29	120
046	30	130
047	31	140
048	32	150
049	33	160
050		170

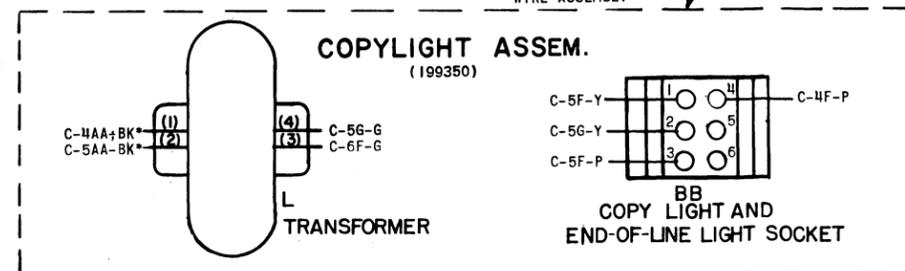
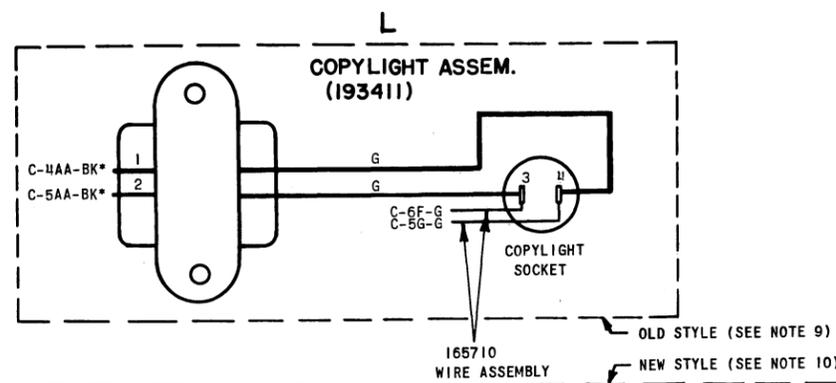
R
(SEE CHART
BELOW)

034	18	10
035	19	20
036	20	30
037	21	40
038	22	50
039	23	60
040	24	70
041	25	80
042	26	90
043	27	100
044	28	110
045	29	120
046	30	130
047	31	140
048	32	150
049	33	160
050		170



LEADS CONNECTED TO MAIN BOARD		
TERMINAL DESIG.	TERMINATING POINT	COLOR
C-9B	R1	O
C-10B	R2	W-BR
C-3C	R4	W-G
C-4C	R5	W-P
C-5C	R6	W-R
C-6C	R7	W-BL
C-1D	R29	W-O
C-2D	R34	BK-G
C-3D	R35	R-BL
C-4D	R8	R-Y
C-5D	R9	BK-R
C-9C	F1	BK
C-4G	F2	BR
C-10C	F3	G
C-4G	F4	W
C-8C	F5	S
C-7C	F6	P
C-5G	F7	R
C-4F	F8	Y
C-5AA	F17	W*
C-3AA	F32	R*
C-4AA	F50	BL*
C-10A	F18	W-S

LEADS CONNECTED TO MAIN BOARD		
TERMINAL DESIG.	TERMINATING POINT	COLOR
C-1AA	T2	BK*
C-2AA	Q1	S*
C-2AA	H4	R*
C-4AA	L1	BK*
C-4AA	H2	S*
C-5AA	L2	BK*
C-5AA	P2	W*
C-9C	NN	W
C-10C	NR	BL
C-8D	H1	W
C-9D	H3	W-G
C-1E	NP	O
C-2E	NL	BK
C-3E	SL	W-R
C-4E	S2	W-BL
C-5E	S4	BR-Y
C-6E	S3	BL-G
C-1F	B3	BK
C-2F	S6	BL
C-4F	B1	W
C-5G	L4	G
C-6F	S5	Y-G
C-6F	B2	W-BK
C-6F	L3	G
C-5G	P3	G*
C-4G	NA	P
C-4AA	SMD-4	R
C-5AA	SMD-K	O
C-7B	SMD-B	G
C-8B	SMD-R	P
C-9B	SMD-P	BL
C-10B	SMD-A	BK
C-10A	NK	Y
C-5G	GRD	BK*



SHEET 4 OF 6

ACTUAL WIRING DIAGRAM FOR LESU305 (KSR)

APPROVALS

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

E-NUMBER

PROD. NO. 4933WD

DATE 6-5-62

R.D. FILE NO. I-159.151AA

DRAWN M.K.

CHKD.

ENGD. W.T.C.

APPD. T.I.P.

TELETYPE CORPORATION

4933 WD

09

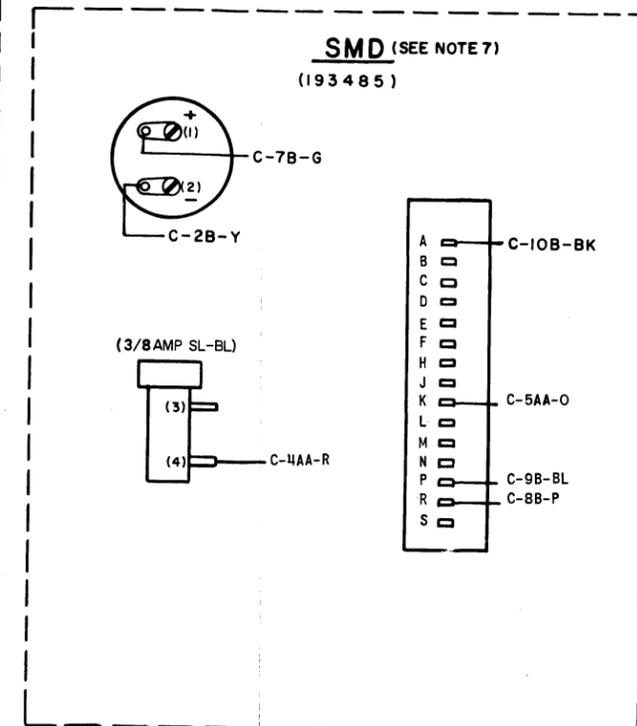
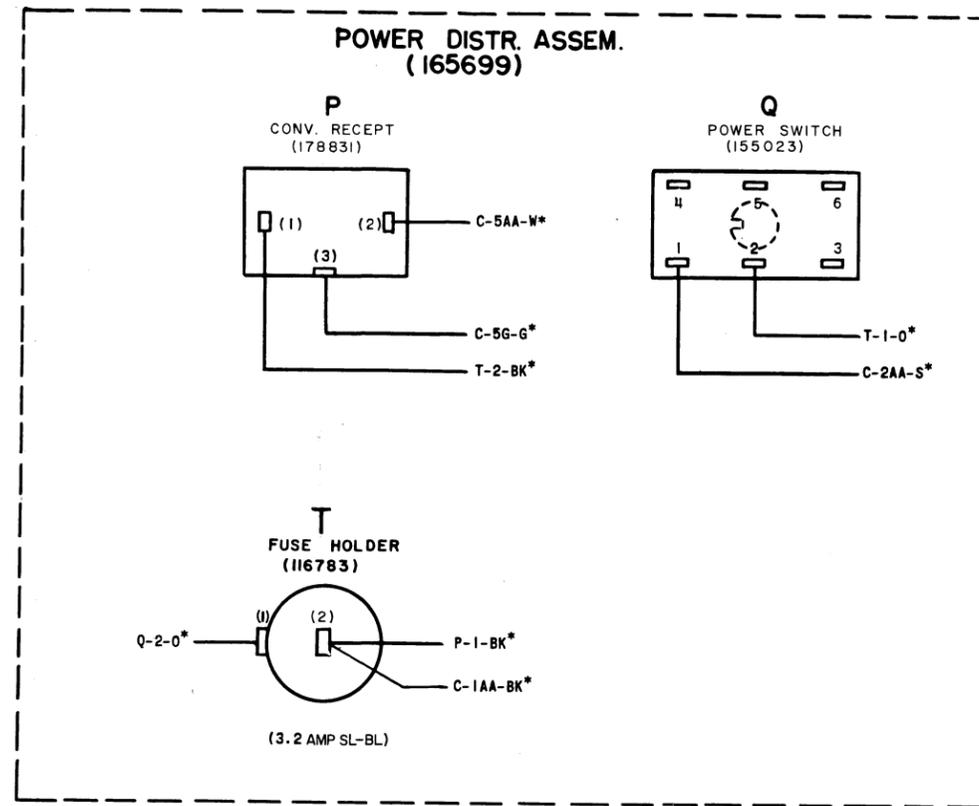
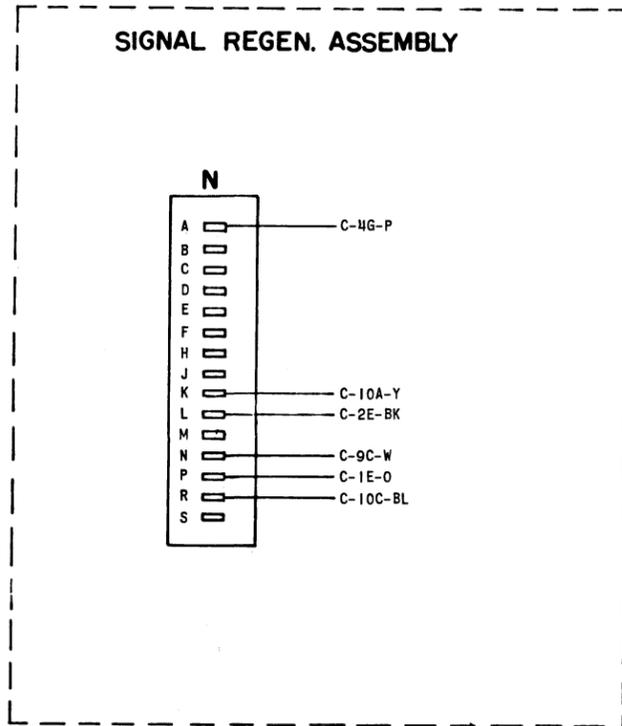
SEE SHEET 1 FOR NOTES.

NOTE: REVISION INFORMATION MUST ALSO BE REFLECTED ON THE ISSUE CONTROL RECORD.

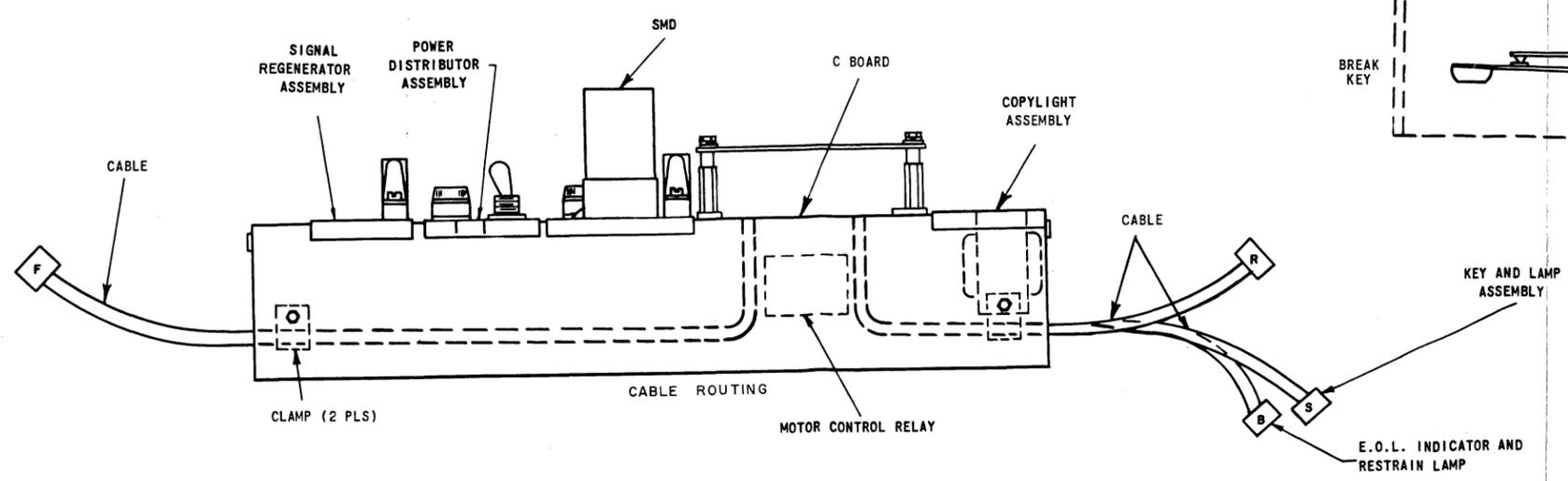
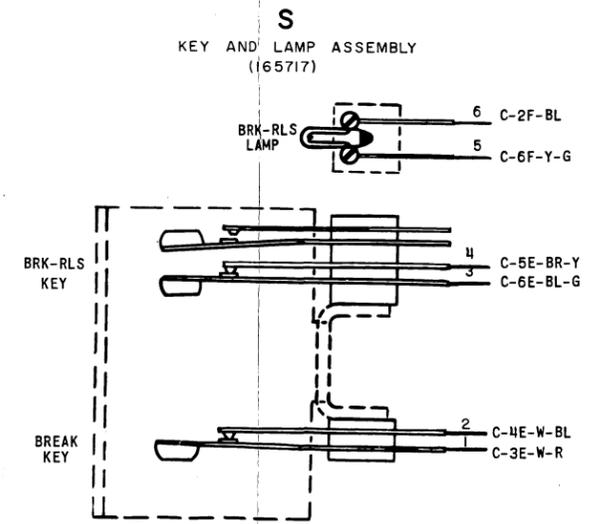
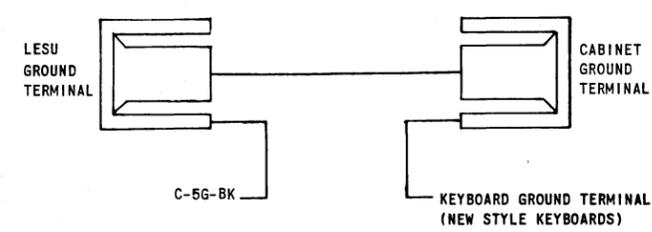
4933 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
2	5-8-64	81602
3	6-18-64	82025
4	10-27-64	84301
5	11-24-65	89089



CABINET GROUND SCREW
 KEYBOARD GROUND SCREW (OLD STYLE KEYBOARDS)



SHEET 5 OF 6

ACTUAL WIRING DIAGRAM FOR LESU305 (KSR)

APPROVALS

D AND R	E OF M
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E-NUMBER

PROD. NO. 4933WD

DATE 6-5-62

P.D. FILE NO. 1-159.151AA

DRAWN M.K. CHKD.

ENG. W.T.C. APPD. T.J.P.

TELETYPE CORPORATION

4933WD

SEE SHEET 1 FOR NOTES.

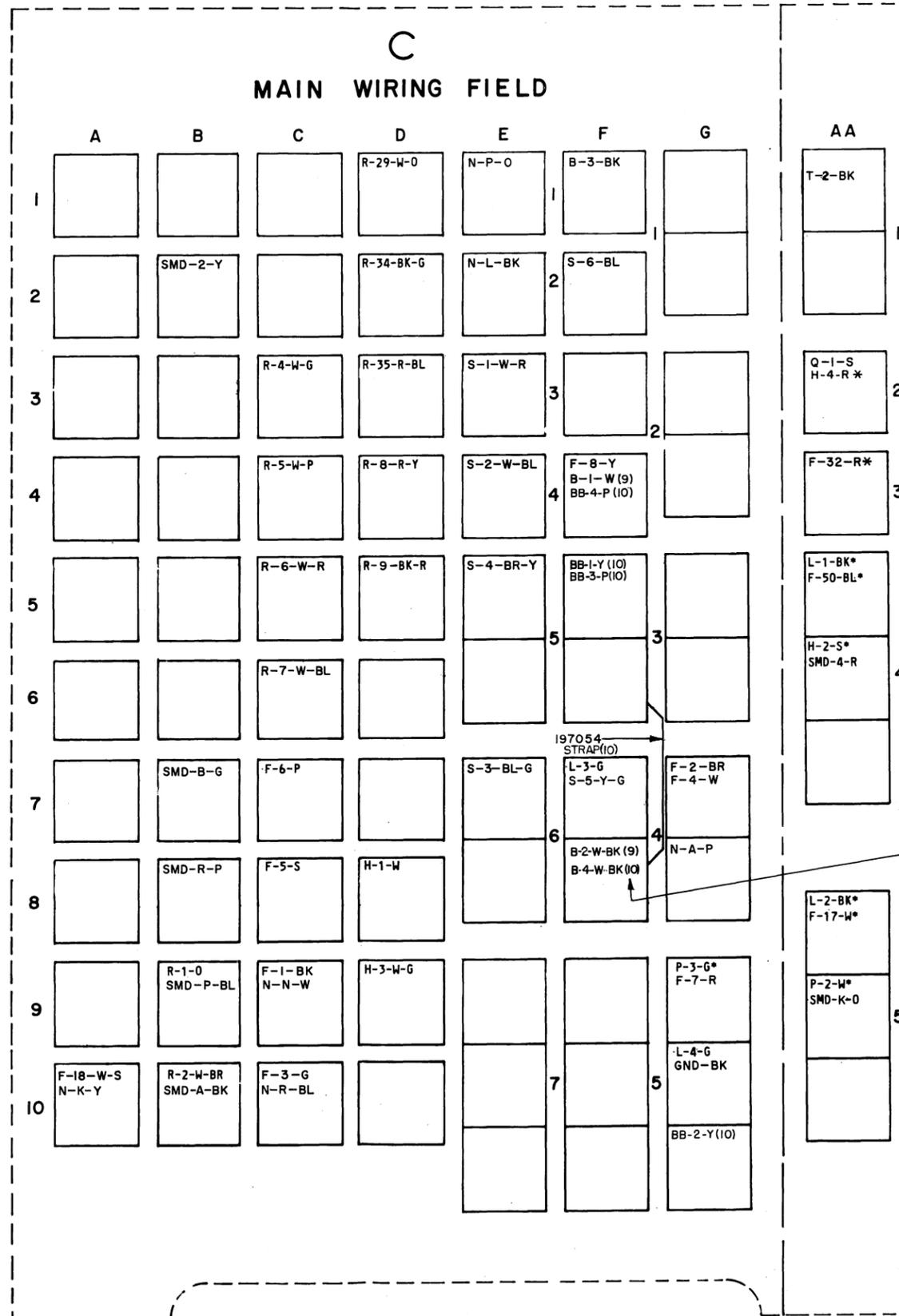
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REVISION INFORMATION MUST
ALSO BE REFLECTED ON THE
ISSUE CONTROL RECORD.

4933WD

REVISIONS

ISSUE	DATE	AUTH. NO.
2	5-8-64	81602
3	6-16-64	82025
4	10-27-64	84301
5	3-24-65	86801
6	3-31-65	86296

C
MAIN WIRING FIELD



PAGE 6 OF 6

ACTUAL
WIRING DIAGRAM
FOR
LESU305
(KSR)

APPROVALS

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

E-NUMBER

PROD. NO. 4933 WD

DATE 6-5-62

P.D. FILE NO. 1-159.151AA

DRAWN R G K CHKD.

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

TELETYPE
CORPORATION

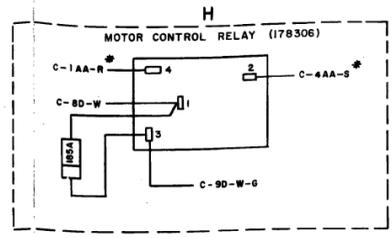
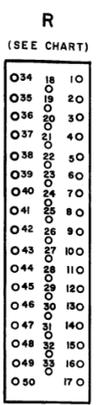
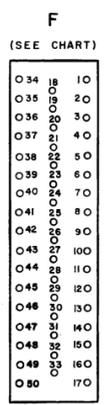
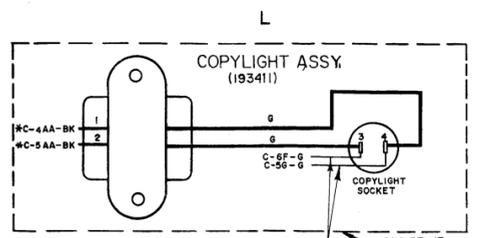
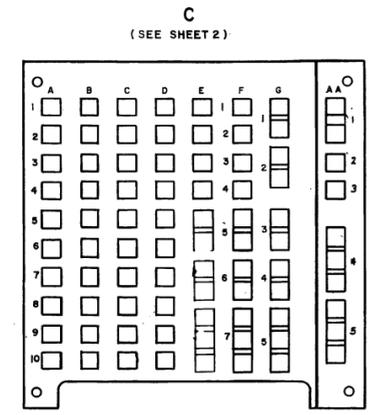
4933 WD

ISSUE	DATE	AUTH. NO.
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3	10-30-52	74882
4	3-1-53	75725
5	9-26-53	77905
6	11-14-53	78849
7	8-17-54	81502
8	6-18-54	82025
9	10-27-54	84301

- NO. NOTES
- WIRING LEGEND:**

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

BK - BLACK	BK - G - BLACK - GREEN
R - RED	R - BL - RED - BLUE
O - ORANGE	R - Y - RED - YELLOW
G - GREEN	BK - R - BLACK - RED
BL - BLUE	W - BR - WHITE - BROWN
P - PURPLE	W - O - WHITE - ORANGE
W - WHITE	W - G - WHITE - GREEN
S - SLATE	W - P - WHITE - PURPLE
 - UNIT WIRED FOR 117 VOLTS, 60 CYCLE, A.C. POWER INPUT ONLY.
 - PLUGS VIEWED FROM SOLDER TERMINAL ENDS.
 - FOR SCHEMATIC SEE 4936-B1 & B2WD.
 - * ASTERISK DENOTES #18 GA. WIRE.
 - NO WIRING SHALL BE DONE TO 165729 TERMINAL STRIP IN LAC CABINET APPARATUS RACK BY TELETYPE CORP. WIRING SHALL BE DONE BY EQUIPMENT INSTALLER.
 - SELECTOR MAGNET DRIVER ACTUAL WIRING DIAGRAM IS 5626 WD.
 - UNITS USING VARIABLE CURRENT SELECTOR MAGNET DRIVER WITH 193440 CIRCUIT CARD ARE WIRED PER PAGES 1 AND 2. UNITS USING CONSTANT CURRENT SELECTOR MAGNET DRIVER WITH 182630 CIRCUIT CARD ARE WIRED PER PAGES 3 AND 4.

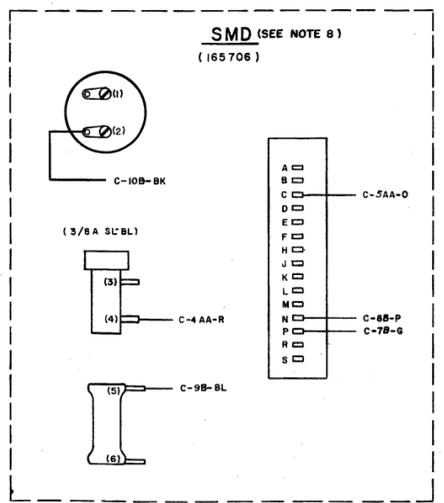
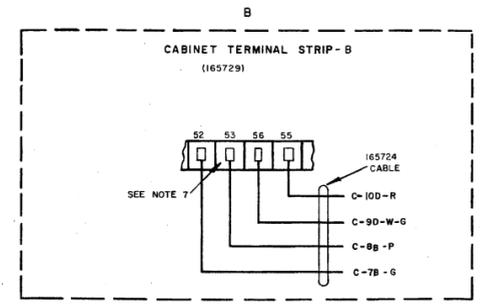
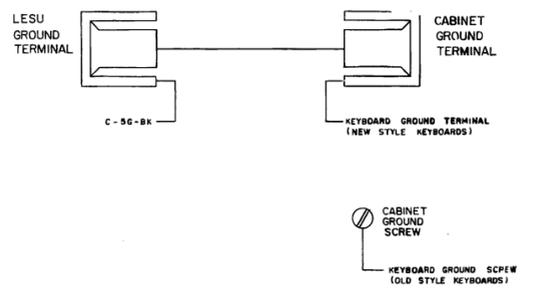
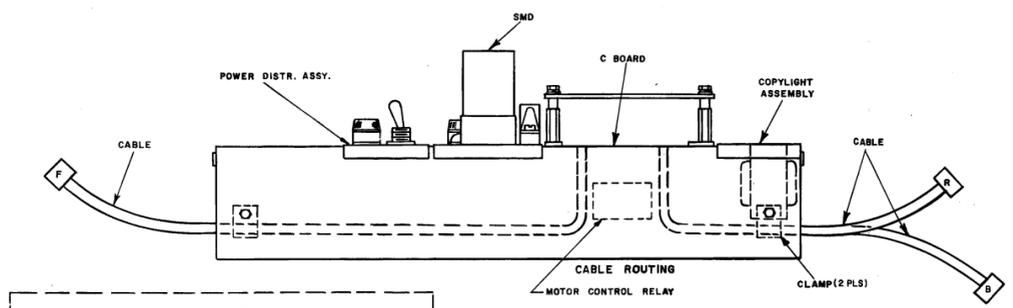
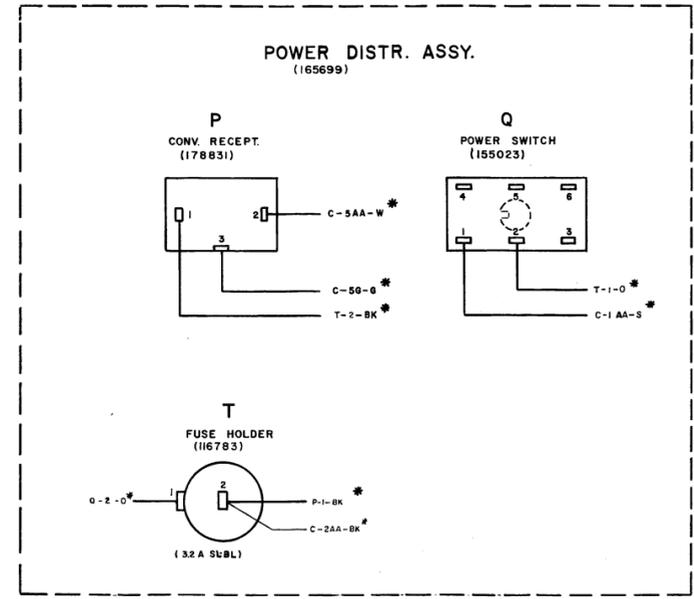


LEADS CONNECTED TO MAIN BOARD

TERMINAL DESIG.	TERMINAL POINT ON CONN.	COLOR
C-9B	R1	O
C-10B	R2	W-BR
C-3C	R4	W-G
C-4C	R5	W-P
C-1D	R29	W-O
C-2D	R34	BK-B
C-3D	R36	R-BL
C-4D	R38	R-Y
C-6D	R37	BK-R
C-8C	F5	S
C-7C	F6	P
C-5AA	F17	W*
C-7AA	F32	R*
C-4AA	F50	BL*

LEADS CONNECTED TO MAIN BOARD

TERMINAL DESIG.	TERMINAL POINT	COLOR
C-2AA	T2	BK*
C-1AA	Q1	S*
C-1AA	H4	R*
C-4AA	L1	BK*
C-4AA	H2	S*
C-5AA	L2	BK*
C-5AA	P2	W*
C-8D	H1	W
C-9D	H3	W-G
C-9D	B56	W-G
C-10D	B55	R
C-7B	B52	G
C-8B	B53	P
C-5G	L4	G
C-6F	L3	G
C-5G	F3	G*
C-4AA	SMD 4	R
C-5AA	SMD C	O
C-7B	SMD P	G
C-8B	SMD N	P
C-5B	SMD 5	BL
C-10B	SMD 2	BK
C-5G	SMD	BK*



SEE NOTE 9

SHEET 1 OF 4

ACTUAL WIRING DIAGRAM LESU 304 (RO)

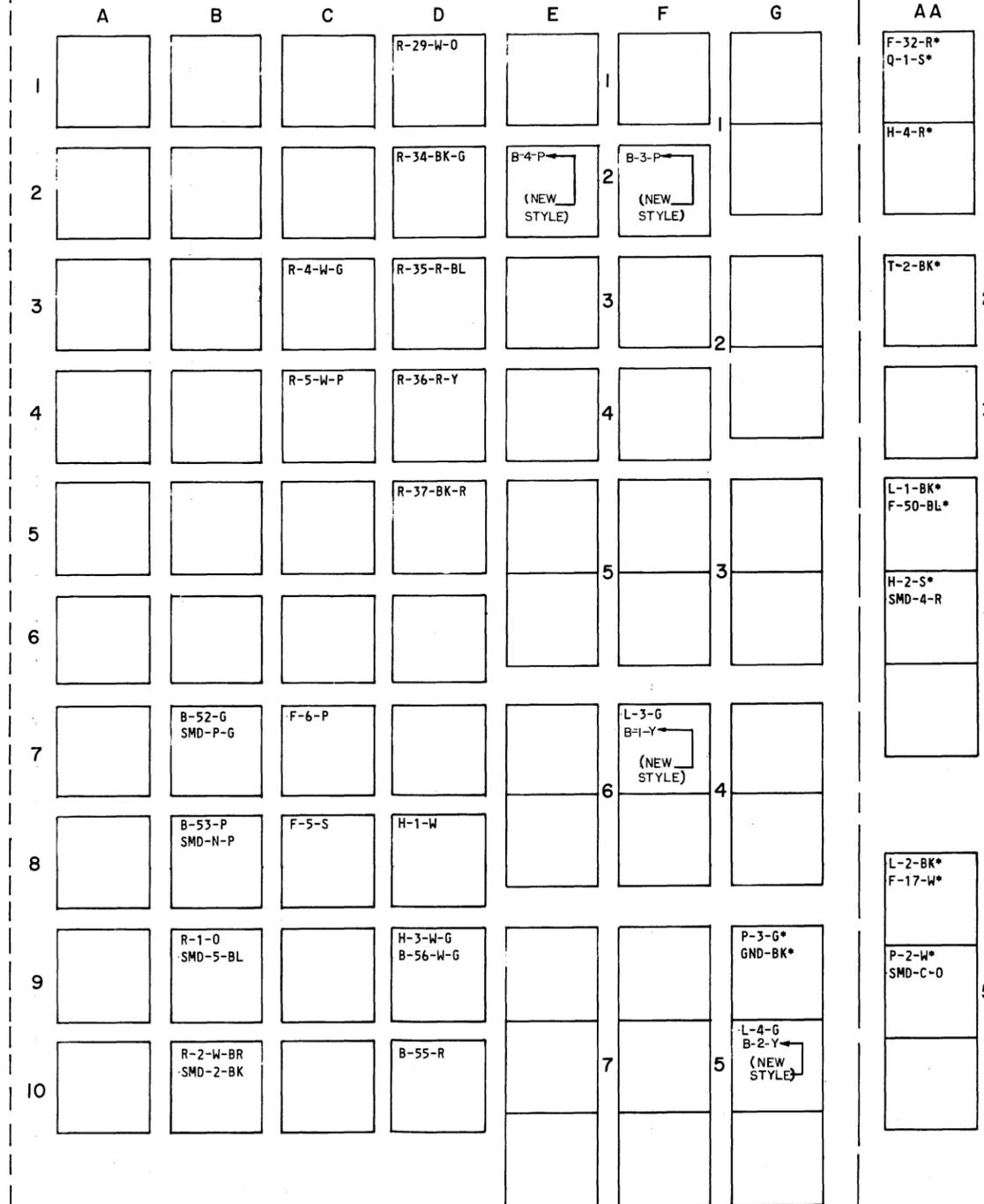
APPROVALS
 D AND B E OF M
 E NUMBER
 PROD. NO. 4934 WD
 DATE: 8-31-62
 F.D. FILE NO. 148-183AA
 DRAWN BY: CHW:R
 ENGR. W.T.C. APPR:
 TELETYPE CORPORATION
 4934 WD

4934WD

REVISIONS

ISSUE	DATE	AUTH. NO.
5	9-26-63	77905
6	11-14-63	78849
7	5-8-64	81602
8	6-16-64	82025
9	8-28-64	82966
10	10-27-64	84301

C MAIN WIRING FIELD



SEE NOTE 9 PAGE 1

SHEET 2 OF 4

ACTUAL
WIRING DIAGRAM
FOR
LESU304
(R0)

APPROVALS

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

E-NUMBER

PROD. NO. 4934WD

DATE 9-12-63

R.D. FILE NO. 1-159.151AA

DRAWN R.G.K./D.M. CHKD.

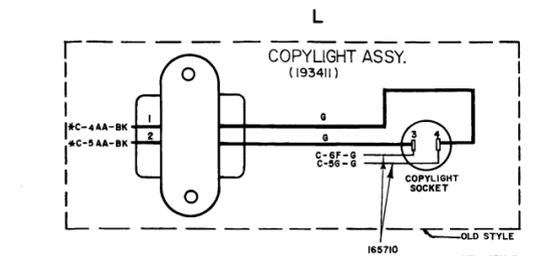
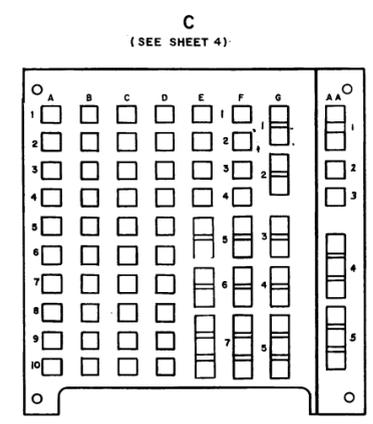
ENGD. G.E.W. APPD.

TELETYPE
CORPORATION

4934WD

13

- NO. NOTES
1. WIRING LEGEND:
 - DISTANT TERMINATING AREA
 - DISTANT TERMINAL DESIGNATION
 A-W-BL
 WIRE COLOR CODE
2. COLOR CODE:
 BK - BLACK BK - G - BLACK - GREEN
 R - RED R - BL - RED - BLUE
 O - ORA. R - Y - RED - YELLOW
 G - GREEN BK - R - BLACK - RED
 BL - BLUE W - BR - WHITE - BROWN
 P - PURPLE W - O - WHITE - ORANGE
 W - WHITE W - G - WHITE - GREEN
 S - SLATE W - P - WHITE - PURPLE
3. UNIT WIRED FOR 117 VOLTS, 60 CYCLE, A.C. POWER INPUT ONLY.
4. PLUGS VIEWED FROM SOLDER TERMINAL ENDS.
5. FOR SCHEMATIC SEE 4936-B1 & B2WD.
6. * ASTERISK DENOTES #18 GA. WIRE.
7. NO WIRING SHALL BE DONE TO 165729 TERMINAL STRIP IN LAC CABINET APPARATUS RACK BY TELETYPE CORP. WIRING SHALL BE DONE BY EQUIPMENT INSTALLER.
8. SELECTOR MAGNET DRIVER ACTUAL WIRING DIAGRAM IS 5983 WD.
9. UNITS USING VARIABLE CURRENT SELECTOR MAGNET DRIVER WITH 193440 CIRCUIT CARD ARE WIRED PER PAGES 1 AND 2. UNITS USING CONSTANT CURRENT SELECTOR MAGNET DRIVER WITH 182630 CIRCUIT CARD ARE WIRED PER PAGES 3 AND 4.

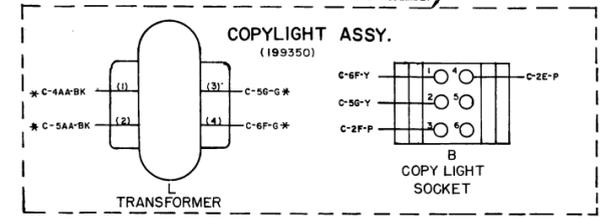
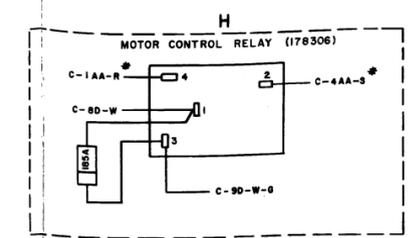


F (SEE CHART)

O 34	10
O 35	20
O 36	30
O 37	40
O 38	50
O 39	60
O 40	70
O 41	80
O 42	90
O 43	100
O 44	110
O 45	120
O 46	130
O 47	140
O 48	150
O 49	160
O 50	170

R (SEE CHART)

O 34	10
O 35	20
O 36	30
O 37	40
O 38	50
O 39	60
O 40	70
O 41	80
O 42	90
O 43	100
O 44	110
O 45	120
O 46	130
O 47	140
O 48	150
O 49	160
O 50	170

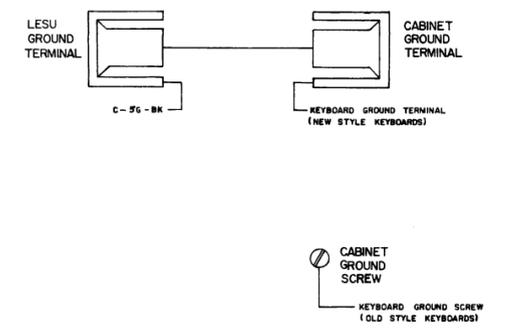
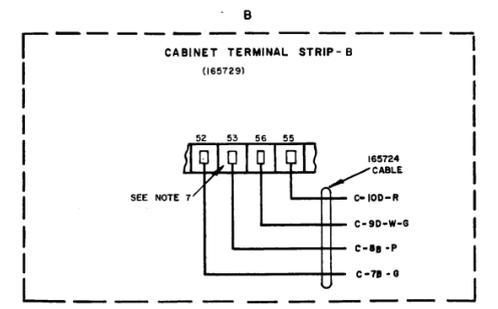
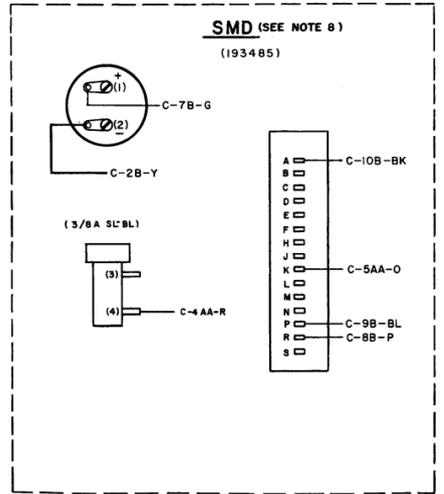
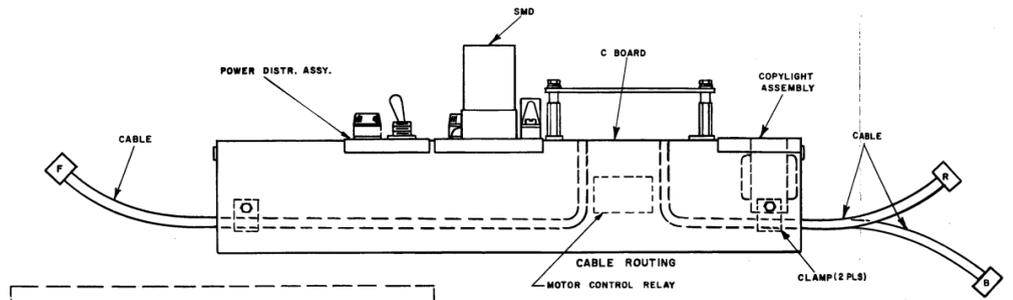
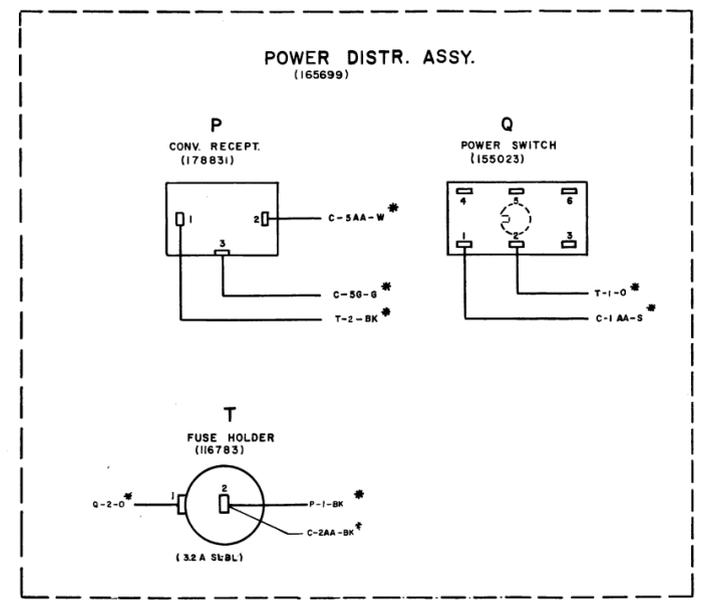


LEADS CONNECTED TO MAIN BOARD

TERMINAL DESIG.	TERMINAL POINT OR CONN.	COLOR
C-9B	R1	O
C-10B	R2	W-BR
C-3C	R4	W-G
C-4C	R5	W-P
C-10	R29	W-O
C-20	R34	BK-O
C-30	R36	R-BL
C-40	R38	R-Y
C-50	R37	BK-R
C-8C	F5	S
C-7C	F6	P
C-5AA	F17	W*
C-7AA	F32	R*
C-4AA	F50	BL*

LEADS CONNECTED TO MAIN BOARD

TERMINAL DESIG.	TERMINAL POINT	COLOR
C-8AA	T2	BK*
C-1AA	Q1	S*
C-1AA	H4	R*
C-4AA	L1	BK*
C-4AA	H2	S*
C-5AA	L2	BK*
C-5AA	P2	W*
C-8D	H1	W
C-9D	H3	W-G
C-9D	B56	W-O
C-10D	B55	R
C-7B	B52	G
C-8B	B53	P
C-5G	L4	G
C-6F	L3	G
C-5G	P3	G*
C-4AA	SMD 4	R
C-5AA	SMD C	O
C-7B	SMD P	G
C-8B	SMD N	P
C-9B	SMD 5	BL
C-10B	SMD 2	BK
C-5G	GND	BK*



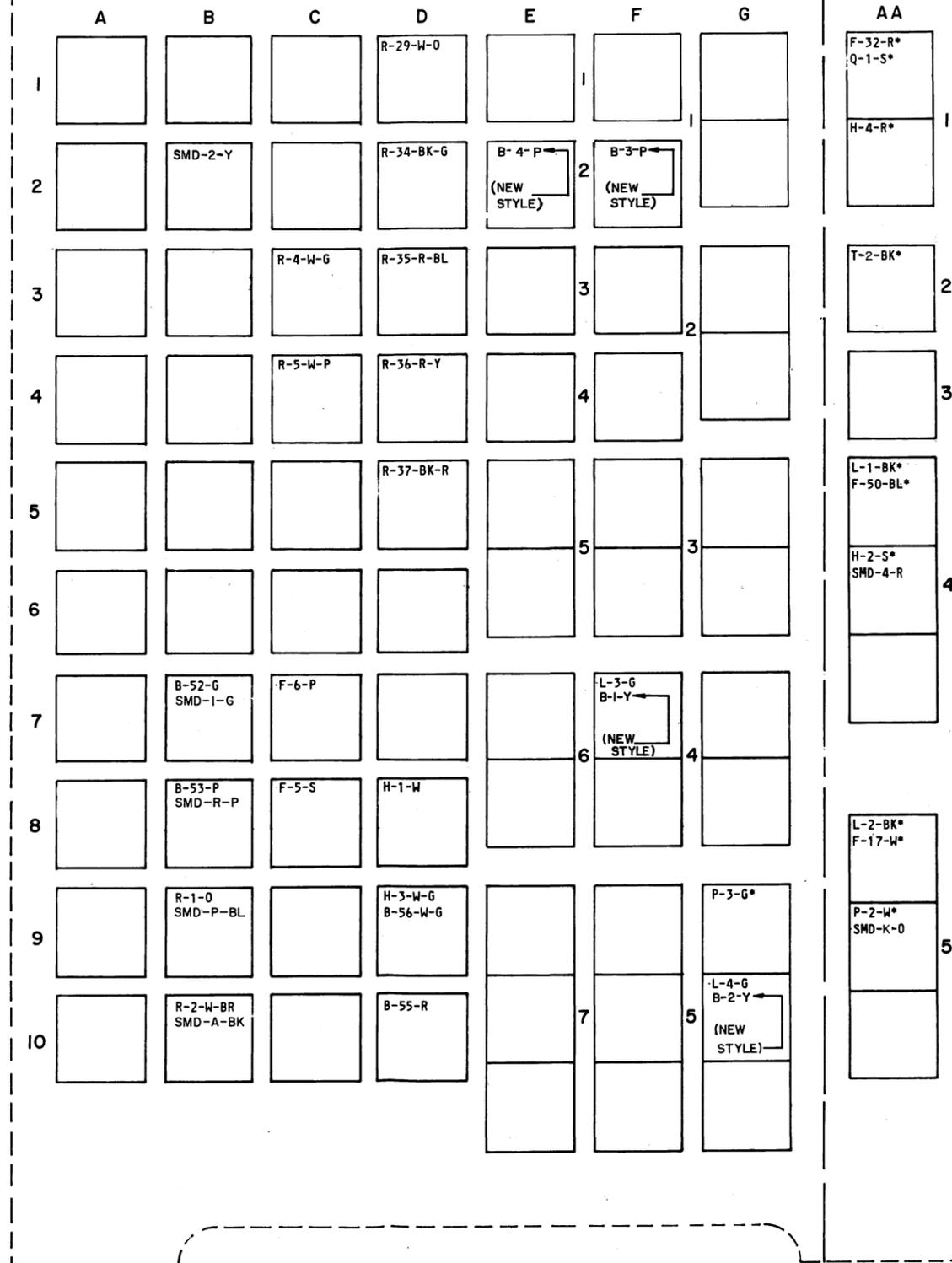
14
 3451.3
 R 29

4934 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
2	5-8-64	81602
3	6-18-64	82025
4	8-28-64	82966
5	10-27-64	84301

C
MAIN WIRING FIELD



SEE NOTE 9, PAGE 3
SHEET 4 OF 4

ACTUAL
WIRING DIAGRAM
FOR
LESU304
(RO)

APPROVALS

D AND R E OF M

E-NUMBER

PROD. NO. 4934 WD

DATE 4-7-64

P.D. FILE NO. G-A151AA

DRAWN R GK CHKD.

ENGD. GEW APPD.

TELETYPE
CORPORATION

4934 WD

15

ISSUE CONTROL RECORD

5821 WD

NO.

NOTES

SUPPORTING INFORMATION

CONTENTS

SHEET NO.

ISSUE

REVISIONS APPLYING TO THIS CONTROL RECORD

CATEGORY

NO.

1

2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

ISSUE	DATE	AUTH. NO.
- 1	9 - 7 - 66	91514-RC
- 2	10 - 27 - 66	91933-1
- 3	8 - 18 - 67	94324-B

2

3

4

ISSUE CONTROL SHEET 1 OF 1

ACTUAL WIRING DIAGRAM FOR ELECTRICAL SERVICE UNIT LESU300 FOR MODEL 35 KSR

WD NUMBER 5821 WD

DRAWN R.D.P. CHKD.

ENGD. W.E.C. APPD.

TELETYPE CORPORATION

5821 WD

3

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

W - WHITE	P - PURPLE
BK - BLACK	G - GREEN
O - ORANGE	R - RED
BL - BLUE	S - SLATE
Y - YELLOW	BR - BROWN
 3. UNIT WIRED FOR 115 VOLTS, 50 TO 60 CYCLE POWER INPUT ONLY.
 4. RECEPTACLES VIEWED FROM WIRING SIDE.
 5. * ASTERISK FOLLOWING WIRE COLOR INDICATES 18 GAGE WIRE, ALL OTHER 24 GAGE WIRE.
 6. IN EARLY UNITS THIS WIRE COLOR IS BR-G.
 7. ASSOCIATED CABLES:
193460 - MAIN CABLE ASSEMBLY
193461 - CALL CONTROL CABLE ASSEMBLY
193462 - PANEL CABLE ASSEMBLY
 8. CONNECT EITHER LEAD OF BELL TO AA-2 AND THE REMAINING LEAD TO AA-4 AS INDICATED WHEN THE LESU IS INSTALLED.
 9. ALL COMPONENT LEADS EXCEPT THE 182520 SILICON RECTIFIERS ARE COVERED BY 60340RM VINYL GLASS TUBING.
 10. ASSOCIATED WIRING DRAWING 323609 (SIGNAL REGENERATOR CARD)
 11. SHOWS WIRING WHEN END-OF-LINE LIGHT IS ON PANEL ADJACENT TO KEYBOARD.
 12. SHOWS WIRING WHEN END-OF-LINE LIGHT IS ON UPPER COVER AT TOP OF LINE GUIDE SHAFT.
 13. THIS SCHEMATIC SYMBOL DESIGNATES EITHER OF THE INTERCHANGEABLE PARTS BELOW:
 14. 27KΩ RESISTOR IS NOT PRESENT ON SOME SETS.

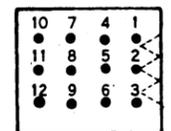
LEADS CONNECTED TO WIRING FIELDS		
TERMINAL DESIG.	TERMINATING POINT ON CONN.	COLOR
C-9A	R1	W-Y
C-8A	R2	BR
C-5G	R3	BL
C-4C	R4	W-O-G
C-7J	R5	W-BK-R
C-3B	R6	O-G
C-7F	R7	O-S
C-8C	R8	P
C-8B	R9	W
C-6B	R10	W-G
C-4B	R11	W-P
C-4H	R12	G
C-2AA	R17	W-BL
C-7B	R18	BK-S
C-5A	R21	Y
C-10A	R23	W-R
C-6H	R24	W-BR
C-5B	R25	BK
C-6A	R29	BR-Y
C-3A	R34	BK-G
C-10C	R35	R-BL
C-5F	R36	R-Y
C-2A	R37	BK-BR
C-1A	R38	R
C-1B	R39	BL-S
C-4J	R40	Y-G
C-7A	R41	BL-G
C-5G	R44	W-O
C-7J	R45	G-S
C-5AA	R50	S
C-1G	F2	BK
C-1K	F1	BR
C-2L	F3	W-BR
C-1G	F4	W
C-5G	F5	W-G
C-6K	F6	BK-G
C-4G	F7	R
C-1F	F8	Y
C-4AA	F17	O*
C-1AA	F32	R*
C-5AA	F50	G*
C-2K	F18	W-O-G

} SPARES

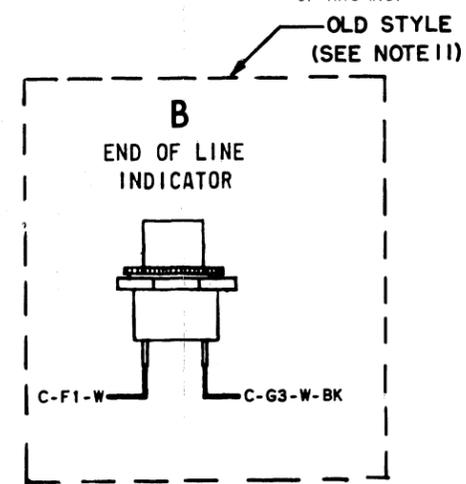
LEADS CONNECTED TO WIRING FIELDS		
TERMINAL DESIG.	TERMINATING POINT ON CONN.	COLOR
C-5G	A1	BR-BL
C-5J	A2	W-O
C-5G	A3	BR-G
C-4K	A4	W-R
C-5M	A6	BL
C-5K	A7	W-BL
C-7F	A10	G
C-1H	A11	R-G
C-2B	A12	O
C-2B	X1	BL
C-2A	X3	BK
C-3G	X4	BR
C-5J	X5	O-BR
C-5F	X6	W-Y
C-5B	X7	W-S
C-3N	X8	BL-S
C-5H	X9	W
C-10A	X10	Y-G
C-3A	X11	O-G
C-6A	X12	W-O
C-4C	X13	Y
C-1L	W1	BR-S
C-9A	W3	R-Y
C-8A	W4	R-G
C-6M	W5	BL-G
C-1AA	W6	R*
C-4AA	W7	O*
C-5AA	W8	G*
C-4L	W9	BR-G
C-5L	W10	BK-BL
C-1N	W11	BK-R
C-3L	W12	W-O-G
C-7B	W13	W
C-10D	V1	O-S
C-9D	V2	BR-Y
C-1G	V3	O
C-3H	V4	W-BK-R
C-4H	V5	W-G
C-3K	V6	W-O-BL
C-5A	V7	W-BL
C-8B	V8	R-BL
C-10C	V9	W-R
C-1B	V10	G
C-1A	V11	S
C-4F	V12	W-P
C-3B	V13	W-BR
C-8C	V14	BK-O
C-J3	V15	BK-G

NOTE 6

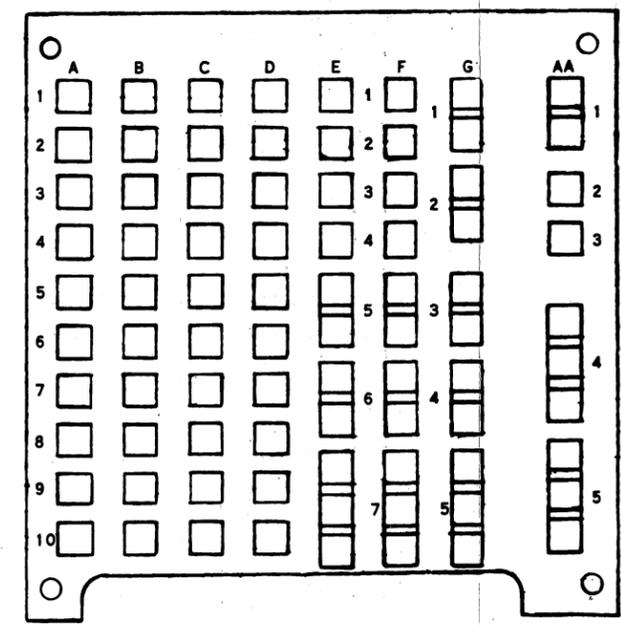
A
(SEE CHART)



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



C
MAIN WIRING FIELD
(SEE SHEET 4)



5821WD		
REVISIONS		
ISSUE	DATE	AUTH. NO.
F 7	4-3-63	76412
8 8	9-26-63	77904
H 9	1-15-64	79804
10	6-15-64	82025
11	2-2-65	85509
12	8-18-65	87498
13	9-2-65	88068
14	10-27-66	91933-1
15	8-18-67	94324-B

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

SHEET 1

ACTUAL WIRING DIAGRAM FOR ELECTRICAL SERVICE UNIT LESU300 FOR MODEL 35 KSR

APPROVALS

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

E-NUMBER

PROD. NO. 5821WD

DATE 5-24-62

P.D. FILE NO. I-159.151AA

DRAWN W.D. CHKD. G.J.L.

ENGD. W.E.C. APPD.

TELETYPE CORPORATION

5821WD

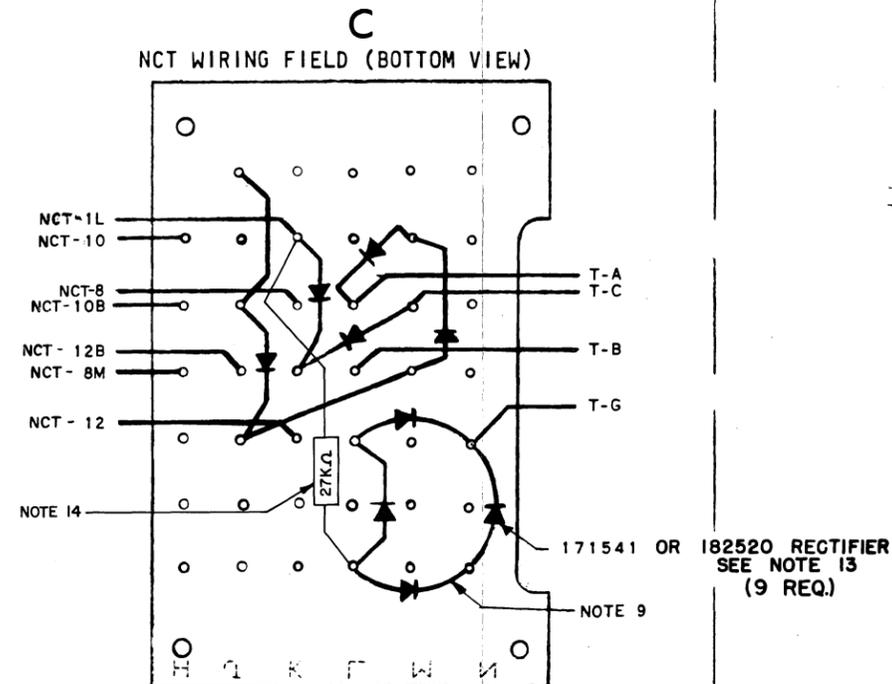
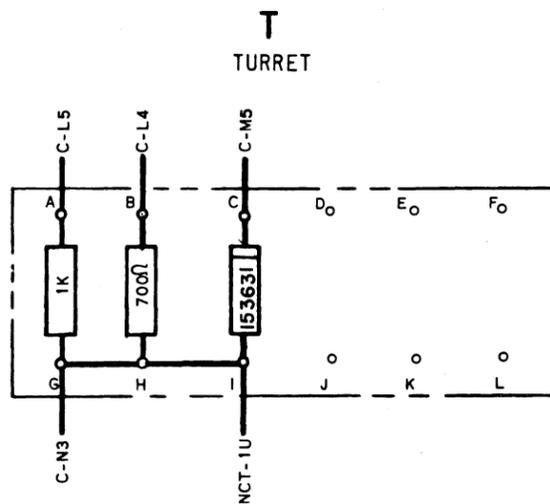
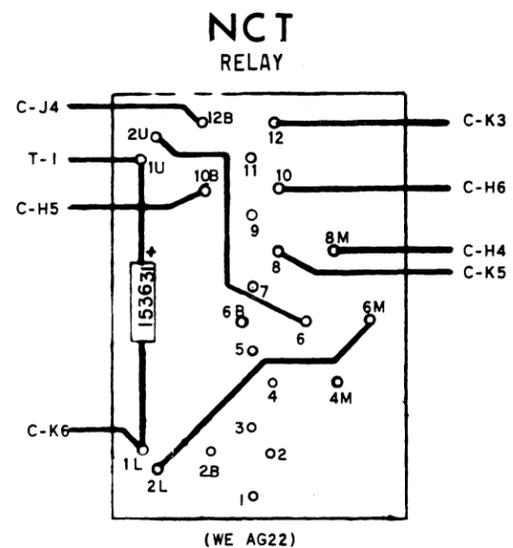
SEE SHEET 1 FOR NOTES.

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

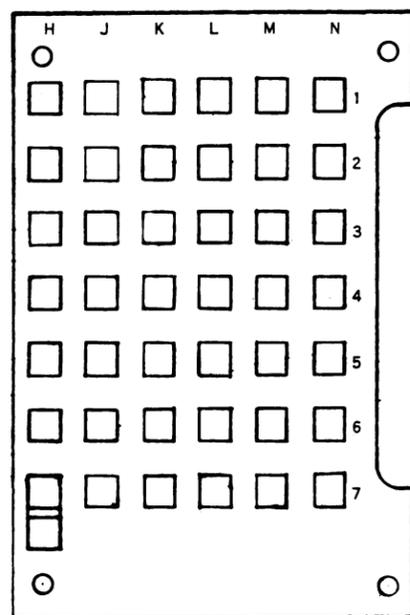
5821WD

REVISIONS

ISSUE	DATE	AUTH. NO.
F 7	4-3-63	76412
G 8	9-26-63	77904
H 9	1-15-64	79804
10	6-15-64	82025
11	2-2-65	85509
12	8-18-65	87498
13	9-2-65	88068
14	8-18-67	94324-B



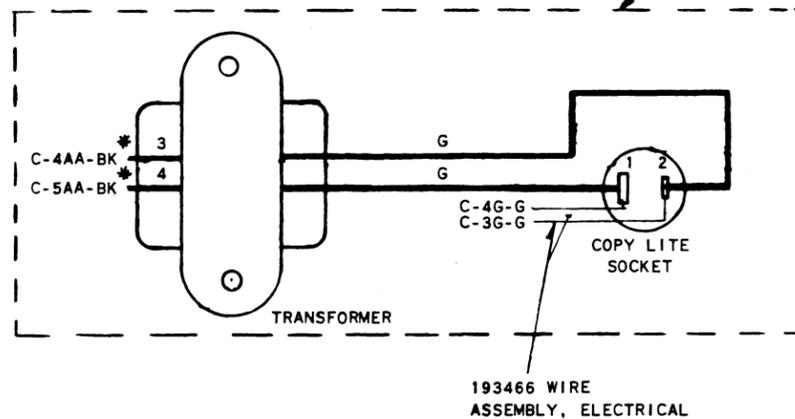
C
NCT WIRING FIELD
(SEE SHEET 4)



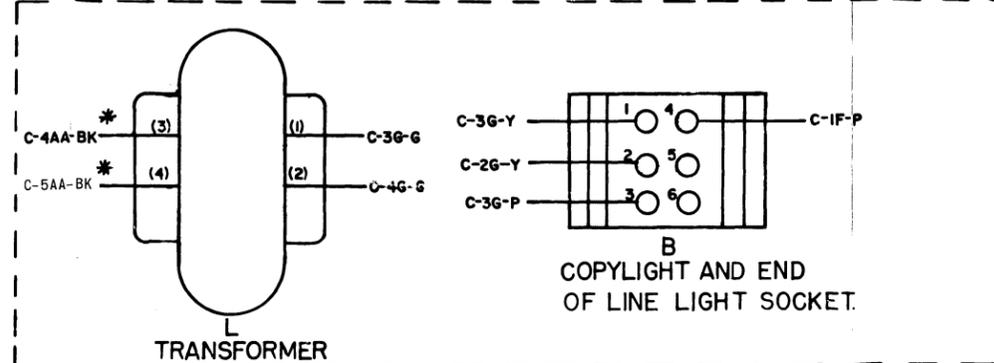
F
KEYBOARD CONNECTOR
(SEE CHART)

● 34	18	1●
● 35	19	2●
● 36	20	3●
● 37	21	4●
● 38	22	5●
● 39	23	6●
● 40	24	7●
● 41	25	8●
● 42	26	9●
● 43	27	10●
● 44	28	11●
● 45	29	12●
● 46	30	13●
● 47	31	14●
● 48	32	15●
● 49	33	16●
○ 50	17●	

L
COPYLIGHT TRANSFORMER ASSEMBLY
OLD STYLE
(SEE NOTE 11)



NEW STYLE
(SEE NOTE 12)



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

SHEET 2

ACTUAL WIRING DIAGRAM FOR ELECTRICAL SERVICE UNIT LESU300 FOR MODEL 35 KSR

APPROVALS

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

E-NUMBER

PROD. NO. 5821WD

DATE 5-24-62

P.D. FILE NO. I-159.151AA

DRAWN W.D. CHKD. G.J.L.

ENGD. W.E.C. APPD.

TELETYPE CORPORATION

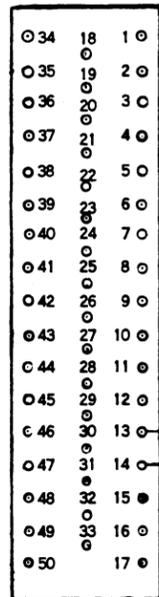
5821WD

SEE SHEET 1 FOR NOTES.

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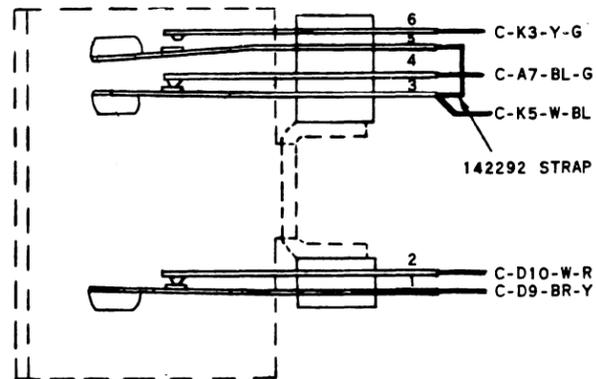
5821WD

R
LP CONNECTOR
(SEE CHART)

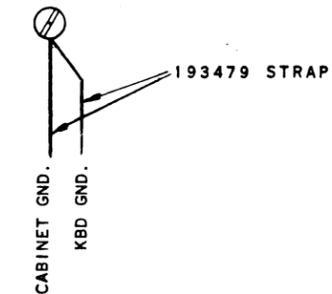


193465 STRAP

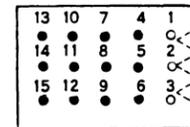
S
193431
KEY ASSEMBLY



LESU GND.

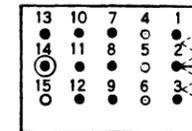


V
(SEE CHART)



(NUMBERED-8)

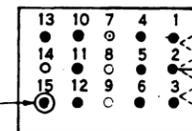
W
(SEE CHART)



(NUMBERED-7)

X2-P

X
(SEE CHART)



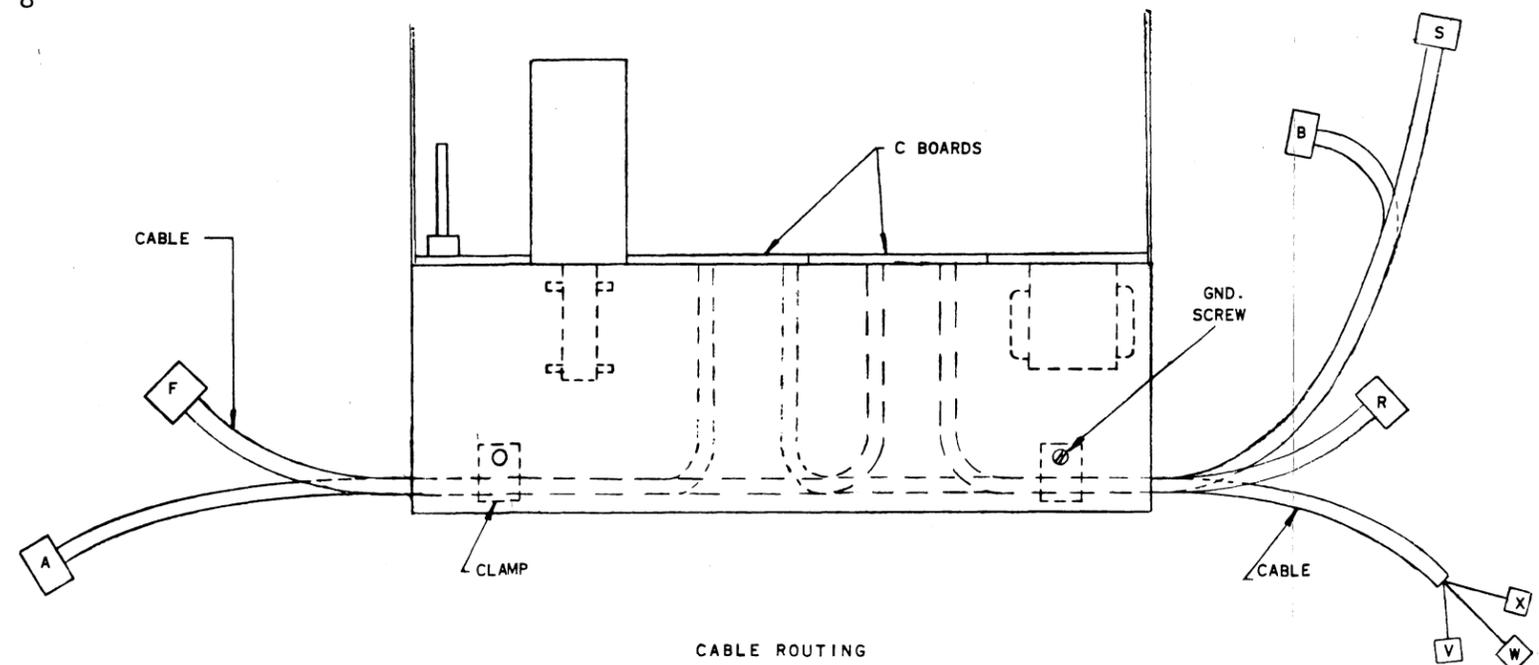
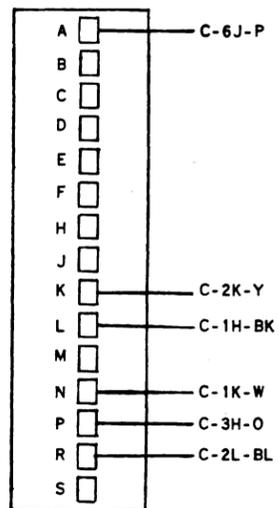
(NUMBERED-6)

CALL CONTROL CONNECTORS

195614
KEYPIN
(2 PLS.)

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

A B
CARD CONNECTOR
(REGENERATOR)



CABLE ROUTING

SHEET 3

ACTUAL WIRING DIAGRAM FOR ELECTRICAL SERVICE UNIT LESU300 FOR MODEL 35 KSR

APPROVALS	
D AND R	E OF M
E-NUMBER	
PROD. NO. 5821WD	
DATE 5-24-62	
P.D. FILE NO. I-159.151AA	
DRAWN W.D.	CHKD. G.J.L.
ENGD. W.E.C.	APPD.

TELETYPE CORPORATION

5821WD

SEE SHEET 1 FOR NOTES.

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

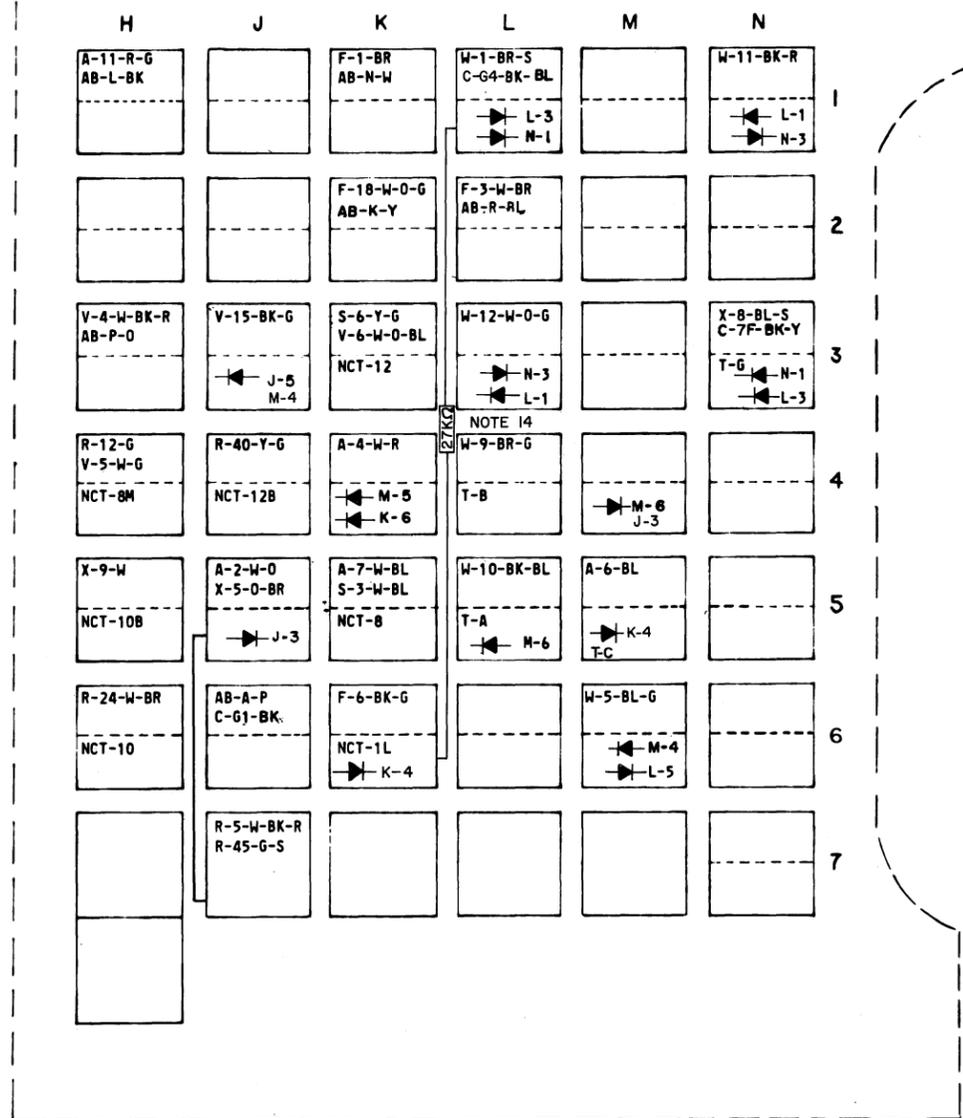
SEE NOTES 11 & 12, SHEET 1

5821WD

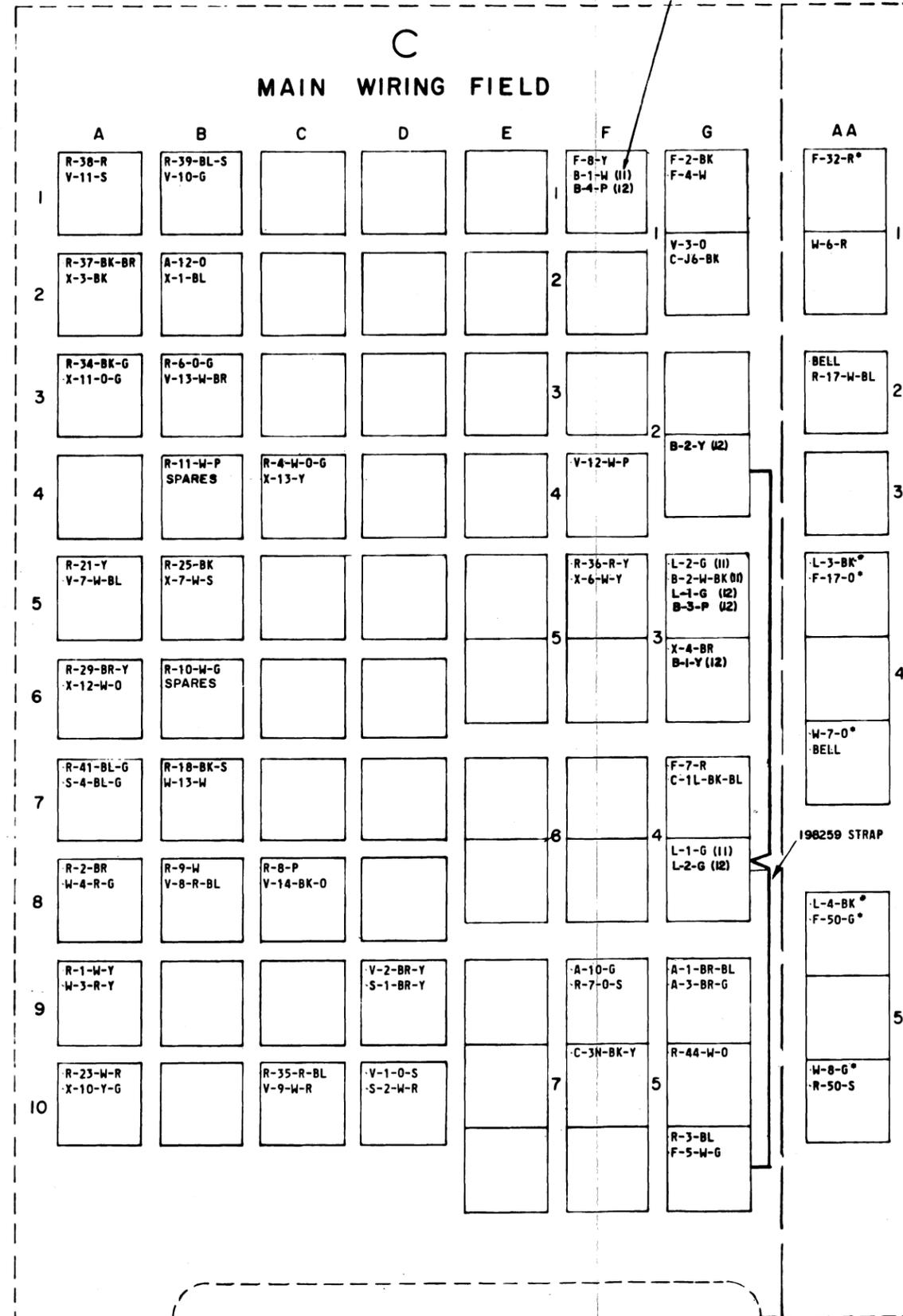
REVISIONS

ISSUE	DATE	AUTH. NO.
7	9-26-63	77904
8	6-17-64	82025
9	1-11-65	85717
10	2-2-65	85509
11	6-23-65	87210
12	9-2-65	88068
13	8-18-67	94324-B

C NCT WIRING FIELD



C MAIN WIRING FIELD



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

SHEET 4

ACTUAL WIRING DIAGRAM FOR ELECTRICAL SERVICE UNIT LESU380 FOR MODEL 35 KSR

APPROVALS

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

E-NUMBER
 PROD NO 5821WD
 DATE 9-11-63
 PD FILE NO 1-159.151AA
 DRAWN GLZ CHKD
 ENGD G.E.W. APPD.

TELETYPE CORPORATION

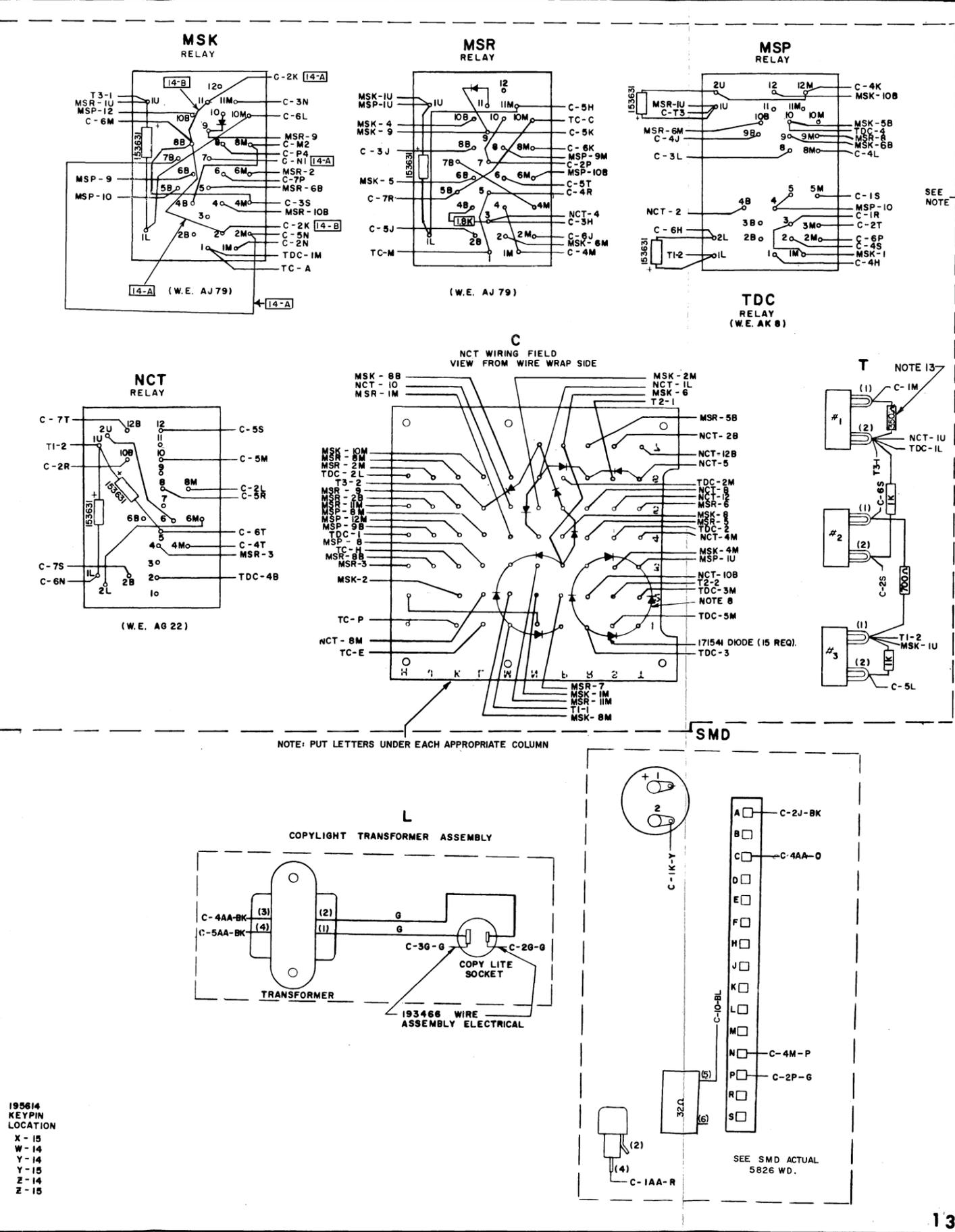
5821WD

REVISIONS		
ISSUE	DATE	AUTH. NO.
2	8-1-62	76 02
3	8-17-62	74274
4	8-17-62	74275
5	9-1-62	74499
6	10-12-62	74772
7	11-12-62	75085
8	12-13-62	75364
9	3-10-64	81104
10	3-31-65	86326
11	8-18-65	87498
12	4-6-66	90550
13	3-30-67	93019

1. WIRING LEGEND:
 DISTANT TERMINATING AREA
 DISTANT TERMINATING DESIGNATION
 WIRE COLOR CODE
2. COLOR CODE:
 W-WHITE BK-BLACK
 O-ORANGE BR-BROWN
 Y-YELLOW BL-BLUE
 R-RED G-GREEN
 S-SLATE P-PURPLE
3. UNIT WIRED FOR 115 VOLTS 60 CYCLES POWER INPUT ONLY.
4. RECEPTACLES VIEWED FROM WIRING SIDE.
5. * ASTERISK FOLLOWING WIRE COLOR INDICATES 18 GA. WIRE.
6. ASSOCIATED CABLES:
 193468 MAIN CABLE ASSEMBLY
 193469 CALL CONTROL CABLE ASSEMBLY
 193436 MODE SWITCHING CABLE ASSEMBLY
7. CONNECT EITHER LEAD OF BELL TO AA-2 AND THE REMAINING LEAD TO AA-5 AS INDICATED WHEN THE LESU IS INSTALLED.
8. ALL COMPONENT LEADS EXCEPT THE SILICON CONTROLLED RECTIFIER ARE COVERED BY 60339RM VINYL GLASS TUBING.
9. ASSOCIATED WIRING DIAGRAMS AND DRAWINGS (ALSO SEE 6000WD-A1)
 5826WD (SMD ACTUAL)
 193440 (SMD CIRCUIT CARD)
 4727WD (TRANSMITTER ACTUAL)
10. UNITS USING VARIABLE CURRENT SELECTOR MAGNET DRIVER WITH 193440 CIRCUIT CARD ARE WIRED PER SHEETS 1 THRU 4 UNITS USING CONSTANT CURRENT SELECTOR MAGNET DRIVER WITH 182630 CIRCUIT CARD ARE WIRED PER SHEETS 5 THRU 8
11. FOR "C" - NCT WIRING FIELD SEE SHEET 3.
12. FOR "C" - MAIN WIRING FIELD SEE SHEET 4.
13. RESISTOR CHANGED FROM 500 TO 350Ω TO MAINTAIN CIRCUIT CURRENT REQUIREMENT AT LOW (POWER LINE) INPUT VOLTAGE.
14. WIRING WAS CHANGED TO PROVIDE PROPER MSK RELAY CONTACT OPERATION SEQUENCE WITH 323609 SIGNAL REGENERATOR CIRCUIT CARD. 326635 SPARK SUPPRESSION NETWORK WAS ADDED, AND TWO 197054 STRAPS WERE REPLACED BY A 326636 STRAP.
15. WIRING STATUS:
 RECTANGULAR BOX INDICATES HISTORY OF WIRING CHANGES
 B - DENOTES WIRING BEFORE THE CHANGE DESCRIBED BY THE DESIGNATED NOTE ENTERED THE PRODUCT.
 A - DENOTES WIRING AFTER THE CHANGE DESCRIBED BY THE DESIGNATED NOTE ENTERED THE PRODUCT.

3 CONNECTED WIRING FIELDS		
TERMINAL DESIG.	TERMINATING POINT ON CONN.	COLOR
F-CONNECTOR		
C-3S	F2	BK
C-2M	F1	BR
C-1N	F3	W-BR
C-3N	F4	W
C-2N	F5	W-G
C-6N	F6	BK-G
C-2W	F7	O-BR
C-1F	F8	O-S
C-ID	F9	BK-
C-1F	F10	R-BL
C-5AA	F17	O *
C-1AA	F32	R *
C-4AA	F50	G *
C-5M	F18	W-O-G
C-3N	F18	W-O-G
C-5N	F4	W
R-CONNECTOR		
C-9A	R1	W-Y
C-8A	R2	BR
C-5G	R3	BL
C-4C	R4	W-O-G
C-3M	R5	O-BR
C-3B	R6	W-O-BL
C-7F	R7	BK-Y
C-8C	R8	R-BR
C-8B	R9	W
C-6B	R10	W-G
C-4B	R11	W-P
C-2L	R12	G
C-2AA	R17	W-BL
C-7B	R18	BL-G
C-1G	R19	R-S
C-2B	R20	P
C-5A	R21	Y
C-4A	R22	O
C-10A	R23	W-R
C-5M	R24	O-S
C-7E	R25	BK
C-7T	R26	R-G
C-10B	R27	W-BR
C-5G	R28	W-O
C-6A	R29	BR-Y
C-3A	R34	BK-G
C-10C	R35	R-BL
C-5F	R36	R-Y
C-2A	R37	BK-R
C-1A	R38	R
C-1B	R39	W-BK-R
C-7T	R40	Y-G
C-7A	R41	BR-G
C-5B	R42	W-BK
C-9B	R43	W-S
C-5G	R44	R-O
C-3M	R45	O-G
C-4AA	R50	S
U-CONNECTOR		
C-4P	U2	BR-G
C-7K	U1	W-BK
C-1N	U3	BK-Y
C-7M	U4	W-Y
C-3D	U5	R-G
C-4D	U6	BK-BL
C-7D	U7	BL-S
C-5D	U8	R-S
C-6P	U9	BR-Y
C-4B	U10	G-S
C-4N	U11	W-P
C-1P	U12	W-S
C-8D	U24	BK-S
C-2K	U18	W-O-G
A-CONNECTOR		
C-5G	A1	BR-BL
C-3P	A2	W-O
C-5G	A3	R-BR
C-6R	A4	W-R
C-6T	A6	BL
C-5R	A7	W-BL
C-7F	A10	G
C-1H	A11	R-G
C-1L	A12	O
X-CONNECTOR (6)		
C-1L	X1	R-S
C-4R	X2	W-BK
C-2A	X3	BK
C-3G	X4	W
C-7P	X5	G
C-5F	X6	BR-G
C-7E	X7	BL-G
C-3T	X8	W-Y
C-2R	X9	P
C-10A	X10	BR-BL
C-3A	X11	BL
C-6A	X12	Y-G
C-4C	X13	W-BR

LEADS CONNECTED TO WIRING FIELDS		
TERMINAL DESIG.	TERMINATING POINT TO CONN.	COLOR
W-CONNECTOR (7)		
C-1R	W1	BR-S
C-7R	W2	BK-BL
C-9A	W3	R-BR
C-8A	W4	O-BR
C-7H	W5	BL-G
C-1AA	W6	R
C-4AA	W7	O
C-5AA	W8	G
C-6S	W9	O-G
C-5L	W10	R-O
C-1T	W11	W-O-G
C-3R	W12	R-S
C-7B	W13	O-S
V-CONNECTOR (8)		
C-4E	V1	Y
C-3E	V2	W-P
C-6M	V3	BK-S
C-3H	V4	R-Y
C-2L	V5	R-BR
C-5S	V6	BR
C-5A	V7	R-O
C-6B	V8	W-O
C-10C	V9	O-S
C-1B	V10	G-S
C-1A	V11	BK-BR
C-4F	V12	W-G
C-3B	V13	G
C-8C	V14	BK-O
C-5P	V15	BK-G
E-CONNECTOR (3)		
C-2B	E2	BR-S
C-7S	E4	O-S
C-1G	E5	BR
C-2E	E6	G-S
C-3S	E7	O
C-3L	E8	BK-R
C-2F	E9	BR-Y
C-4N	E10	BL-S
C-4S	E11	R
C-3K	E12	BR-BL
C-4L	E1	Y
C-6B	E13	BK-BL
Y-CONNECTOR (4)		
C-5B	Y1	W-BL
C-4A	Y2	S
C-9B	Y3	R-Y
C-5T	Y4	W-G
C-5D	Y5	BK-R
C-6D	Y6	P
C-7D	Y7	BK-G
C-8D	Y8	O
C-1E	Y9	W-BK
C-4T	Y10	R-BL
C-2T	Y11	W-O-BL
C-1S	Y12	W-BK-R
CD LAMP STRIP		
C-5J	CD-HL	W-O-BR
C-6J	CD-IL	W-G
C-4J	CD-2L	W-R-BK
C-3J	CD-3L	W-BL-O
C-6K	CD-4L	S
C-2E	CD-5L	R
C-2S	CD-HLG	G
CE LAMP STRIP		
C-2F	CE-2L	W-R
C-4H	CE-3L	W-R-O
CA MODE SWITCHING		
C-6L	CA-3	O
C-7E	CA-10	W-R-S
C-5K	CA-14	W-BR
C-4K	CA-15	BL
C-5H	CA-21	Y
C-7P	CA-24	BR
C-2G	CA-25	BK
CB TO CONTROL		
C-3E	CB-1	W-R-BR
C-4E	CB-2	W-O-G
C-5R	CB-4	W-O
C-7A	CB-5	W-G-S
C-5S	CB-6	W-BL
C-5M	CB-10	W-G-BK
C-7E	CB-12	W-S
C-7E	CB-13	W-O-BK
C-7S	CB-15	W-BR-S
C-6H	CB-19	W-O-S
C-8D	CB-20	W-R-G
C-10B	CB-24	W-R-BL
C-1E	CB-25	W-BL-R



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

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

SHEET 1

ACTUAL WIRING DIAGRAM OF ELECTRICAL SERVICE UNIT LESU 301 FOR MODEL 35 ASR

APPROVALS

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

E-NUMBER

PROD. NO. 5822WD

DATE 7-11-64

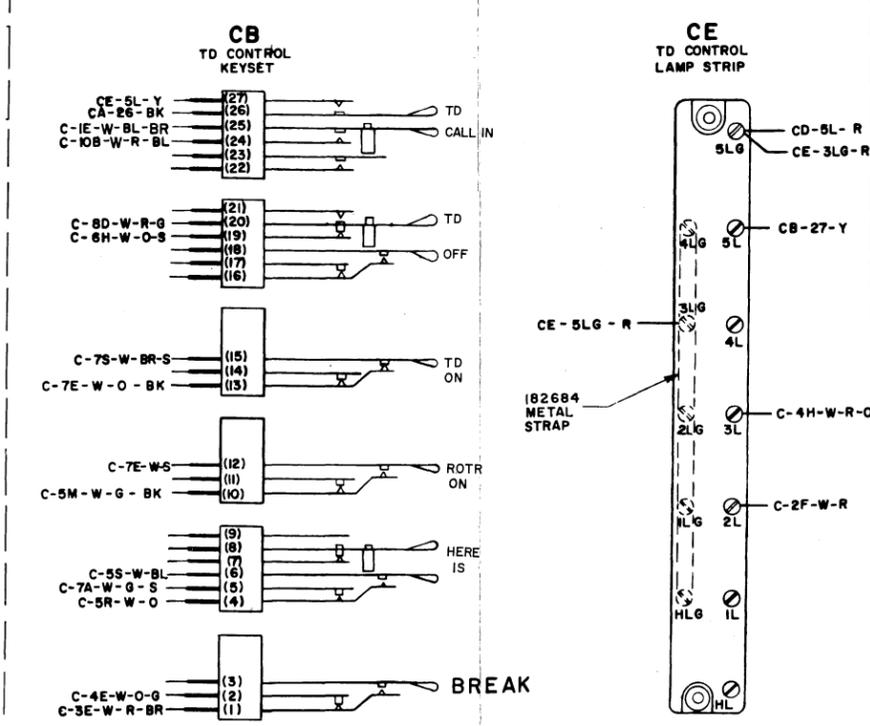
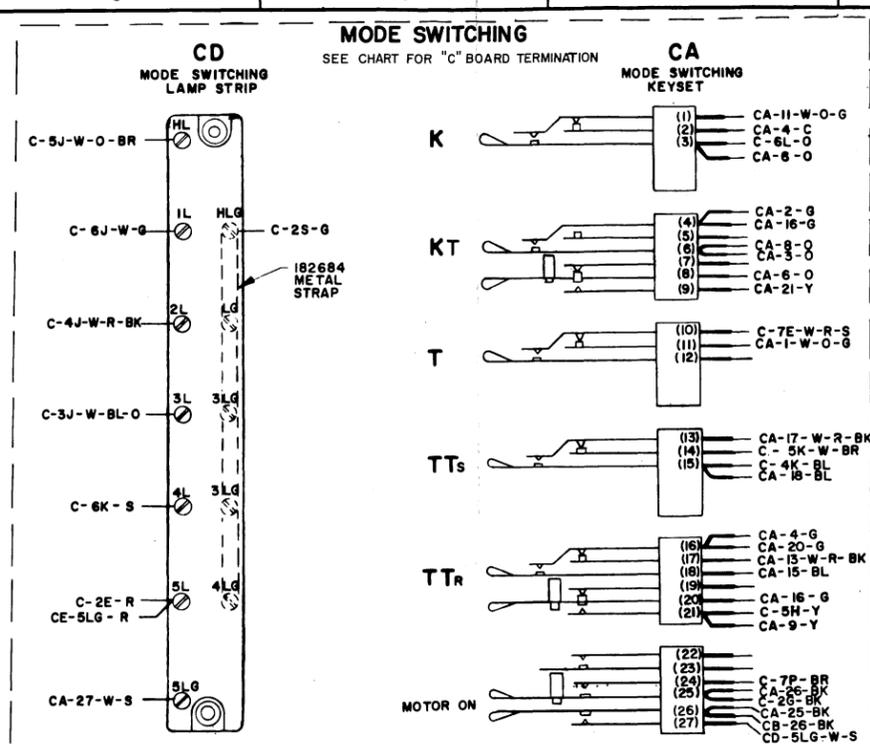
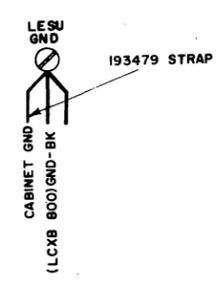
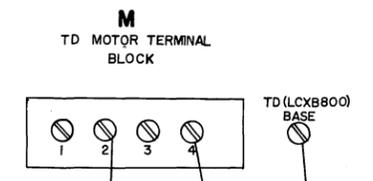
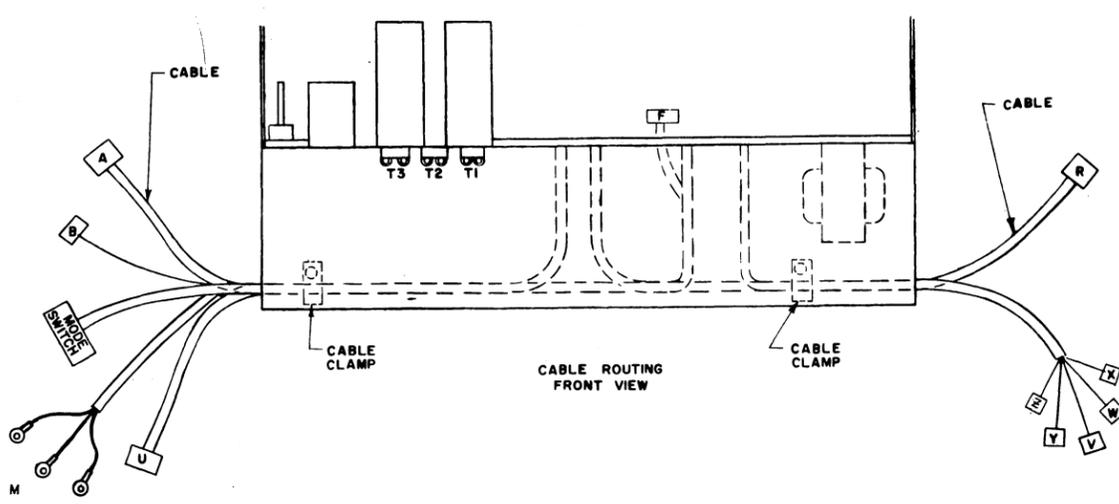
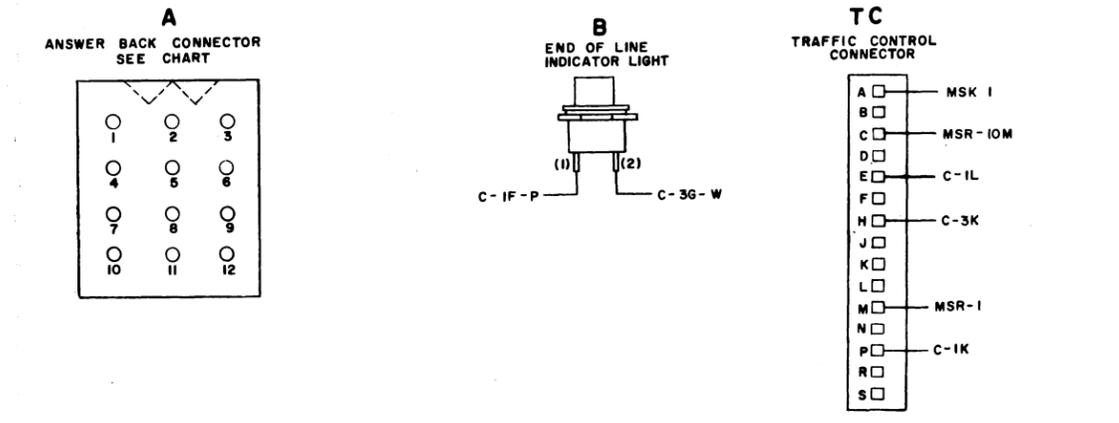
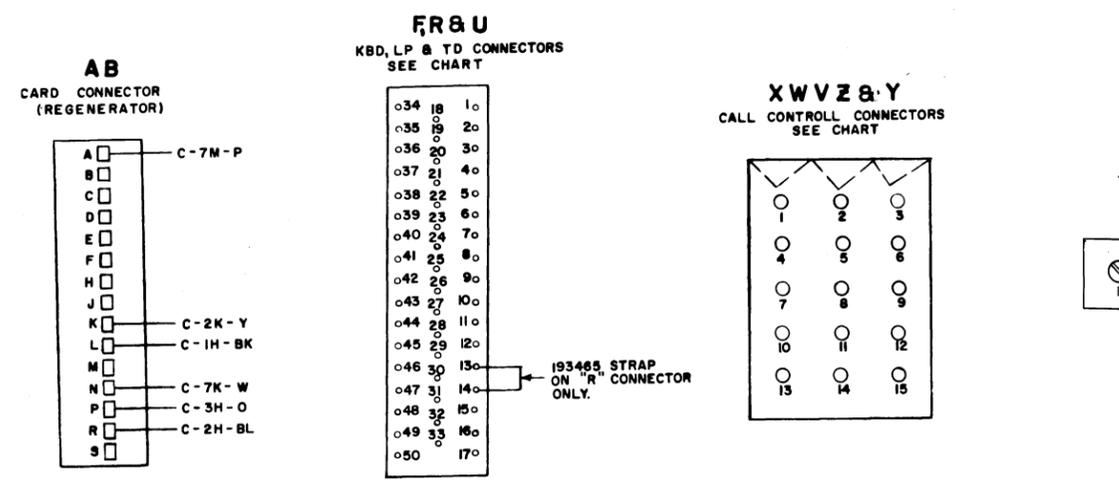
P.D. FILE NO. 1-159.151AA

DRAWN R.W.D. CHKD.

ENGD. W.E.C. APPD.

TELETYPE CORPORATION

5822WD



5822WD

REVISIONS

ISSUE	DATE	AUTH. NO.
2	8-1-62	7602
3	8-17-62	74274
4	8-17-62	74275
5	9-1-62	74499
6	10-12-62	74772
7	11-12-62	75085
8	12-13-62	75364
9	3-10-64	81104
10	3-31-65	86326
11	9-8-66	91872

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

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

SHEET 2

ACTUAL
WIRING DIAGRAM OF ELECTRICAL
SERVICE UNIT
LESU 301
FOR
MODEL 35 ASR

APPROVALS

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

E-NUMBER

PROD. NO. 5822WD

DATE 4-11-64

R.D. FILE NO. 1-159.151AA

DRAWN R.W.D. CHKD.

ENGD. W.E.C. APPD.

TELETYPE CORPORATION

5822WD

REFER TO NOTES
ON PAGE 1

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

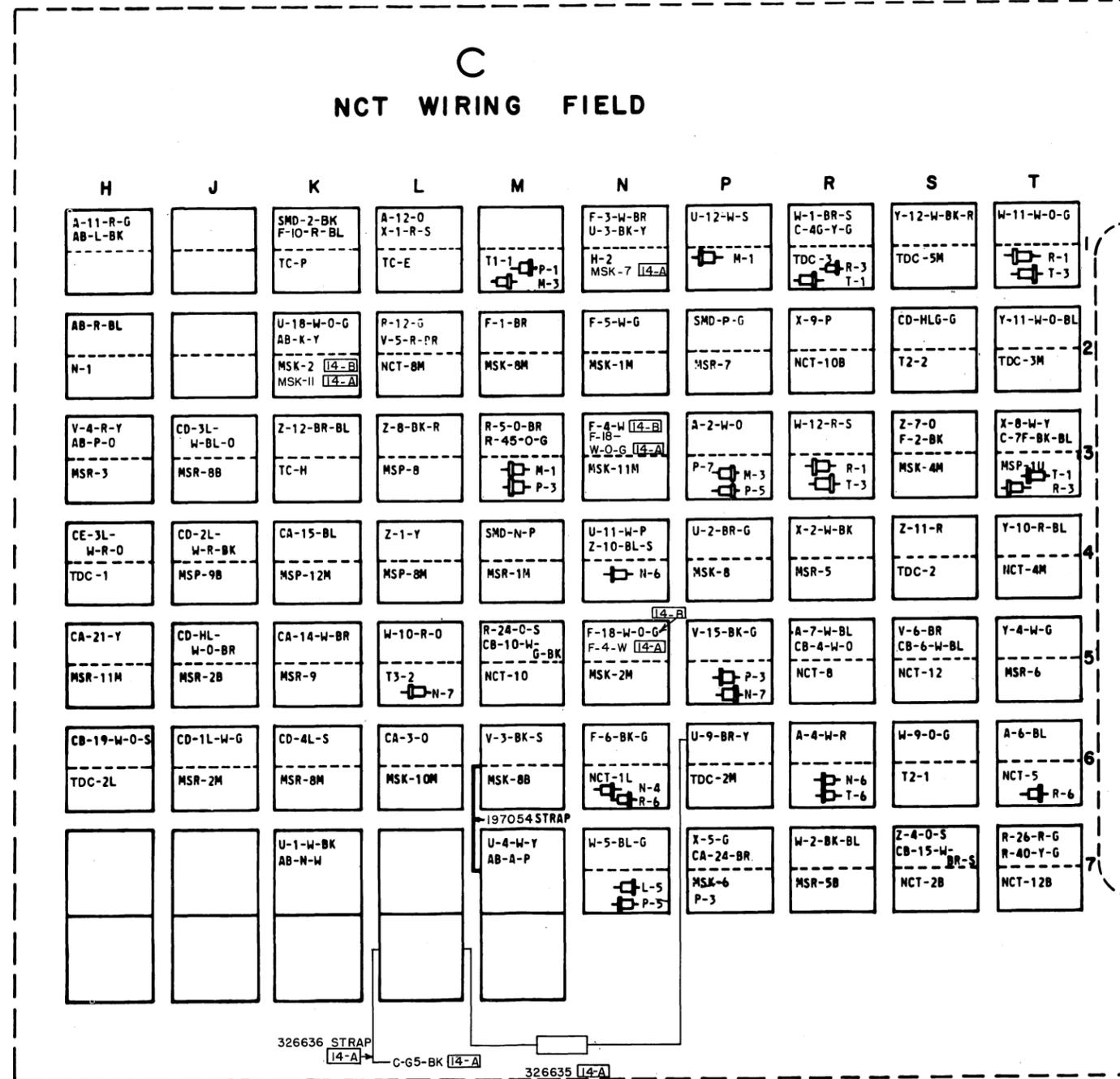
5822 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
88	12-13-62	75364
9	3-31-65	86296
10	3-31-65	86326
11	3-30-67	93019

SEE NOTE 10
PAGE 1

C
NCT WIRING FIELD



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

SHEET 3

ACTUAL
WIRING DIAGRAM OF ELECTRICAL
SERVICE UNIT LESU 301 FOR
MODEL 35 AS R

APPROVALS

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

E-NUMBER

PROD. NO. 5822 WD

DATE 2-11-64

R.D. FILE NO. G-A151AA

DRAWN R.W.D. CHKD.

ENGD. G.E.W. APPD.

TELETYPE
CORPORATION

5822 WD

REFER TO NOTES
ON PAGE 1

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

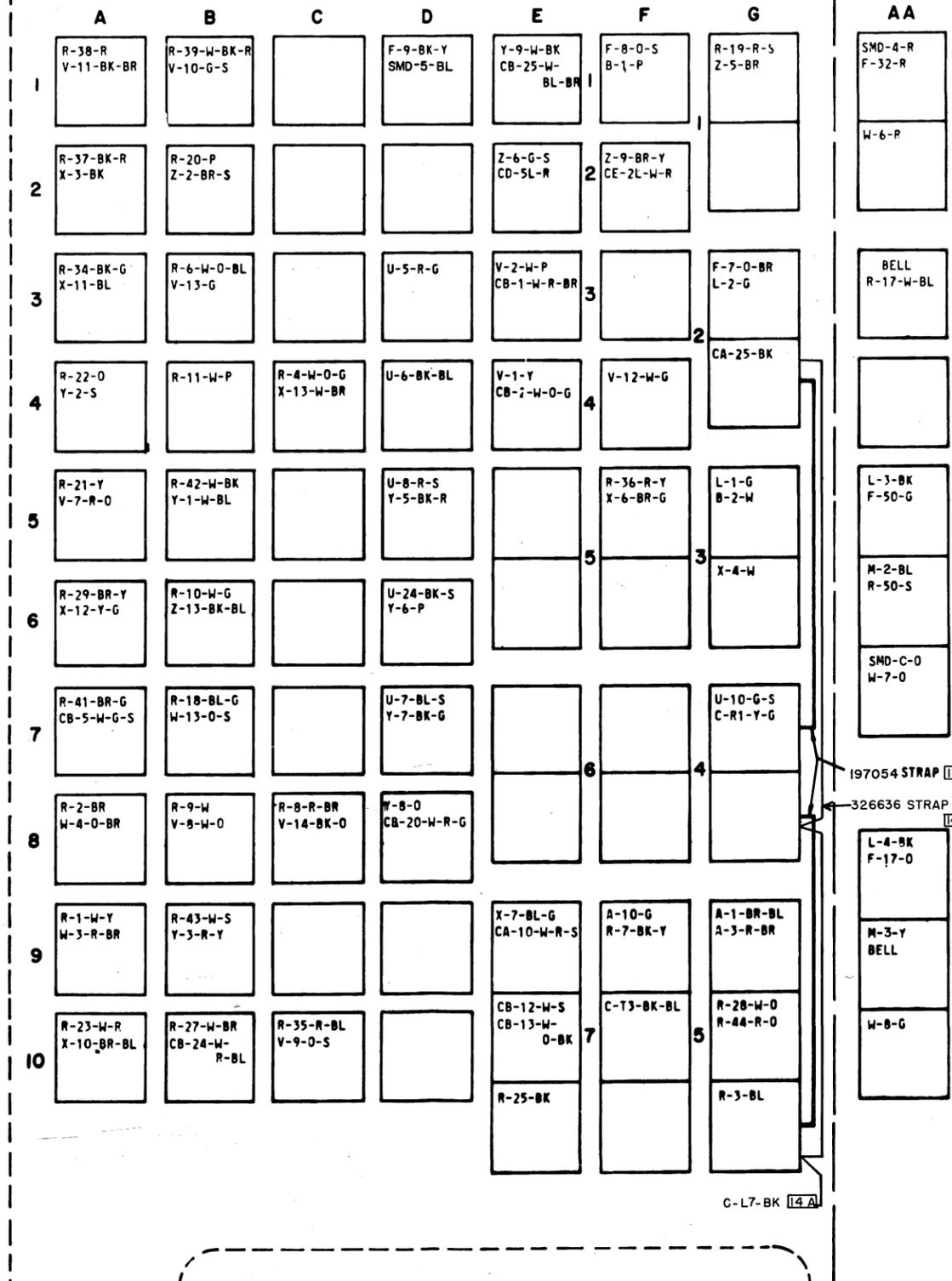
5822 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
8	12-13-63	75364
9	3-31-65	86296
10	3-31-65	86326
11	3-30-67	93019

SEE NOTE 10
PAGE 1

C
MAIN WIRING FIELD



197054 STRAP 14-B

326636 STRAP 14-A

C-L7-BK 14-A

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

SHEET 4

ACTUAL
WIRING DIAGRAM
OF ELECTRICAL
SERVICE UNIT
LESU 301
FOR
MODEL 35 ASR

APPROVALS

D AND R *APR* E OF M *C*

E-NUMBER

PROD. NO. 5822 WD

DATE 2-11-64

P.D. FILE NO. G-A151A

DRAWN J.N.C. CHKD.

ENGD. G.E.W. APPD.

TELETYPE
CORPORATION

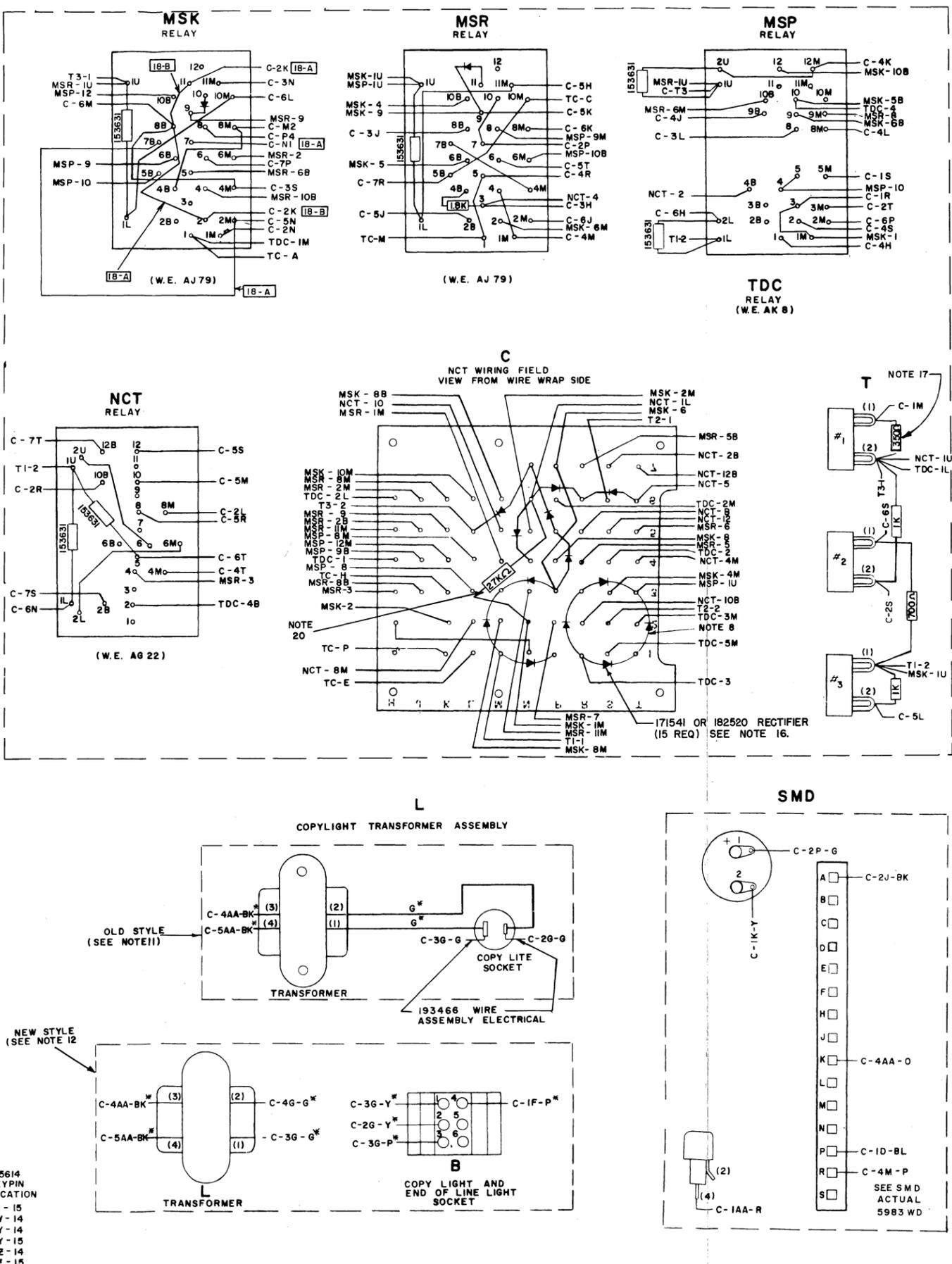
5822 WD

1. WIRING LEGEND:
 DISTANT TERMINATING AREA
 DISTANT TERMINATING DESIGNATION
 WIRE COLOR CODE
2. COLOR CODE:
 W-WHITE BK-BLACK
 O-ORANGE BL-BLUE
 Y-YELLOW BR-BROWN
 P-PURPLE G-GREEN
 S-SLATE R-RED
3. UNIT WIRED FOR 115 VOLTS 60 CYCLES INPUT ONLY.
4. RECEPTACLES VIEWED FROM WIRING SIDE.
5. * ASTERISK FOLLOWING WIRE COLOR INDICATES 18 GAGE WIRE.
6. ASSOCIATED CABLES:
 193468 MAIN CABLE ASSEMBLY
 193469 CALL CONTROL CABLE ASSEMBLY
 193436 MODE SWITCHING CABLE ASSEMBLY
7. CONNECT EITHER LEAD OF BELL TO C-2AA AND THE REMAINING LEAD TO C-5AA AS INDICATED WHEN THE LESU IS INSTALLED.
8. ASSOCIATED WIRING DIAGRAMS & DRAWINGS: (ALSO SEE 6000WD A1) 5983WD(SMD ACTUAL) 182630 (SMD CIRCUIT CARD) 4727WD (TRANSMITTER ACTUAL)
9. ALL COMPONENT LEADS EXCEPT THE 182520 SILICON RECTIFIERS ARE COVERED BY 603399M VINYL GLASS TUBING.
10. UNITS USING VARIABLE CURRENT SELECTORS MAGNET DRIVER WITH 193440 CIRCUIT CARD ARE WIRED PER SHEETS 1 THRU 4 UNITS USING CONSTANT CURRENT SELECTOR MAGNET DRIVER WITH 182630 CIRCUIT CARD ARE WIRED PER SHEETS 5 THRU 8
11. SHOWS WIRING WHEN END OF LINE LIGHT IS ON PANEL ADJACENT TO KEYBOARD.
12. SHOWS WIRING WHEN END OF LINE LIGHT IS ON UPPER COVER AT TOP OF LINE GUIDE SHAFT.
13. FOR "C" - NCT WIRING FIELD - SEE SHEET 7.
14. FOR "C" - MAIN WIRING FIELD - SEE SHEET 8.
15. WIRING FOR LESU 326 IS PER 5822WD, SHEETS 5,6,7, AND 8, AND 7130WD.
16. THIS SCHEMATIC SYMBOL DESIGNATES EITHER OF THE INTERCHANGEABLE PARTS BELOW:

 171541
 182520
 CATHODE END
17. RESISTOR CHANGED FROM 500 TO 350Ω TO MAINTAIN CIRCUIT CURRENT REQUIREMENT AT LOW (POWER LINE) INPUT VOLTAGE.
18. WIRING WAS CHANGED TO PROVIDE PROPER MSK RELAY CONTACT OPERATION SEQUENCE WITH 323609 SIGNAL REGENERATOR CIRCUIT CARD. 326635 SPARK SUPPRESSION NETWORK WAS ADDED AND 198259 STRAP WAS CHANGED TO 326636
- NOTES CONTINUED ON PAGE 7

LEADS CONNECTED TO WIRING FIELDS	TERMINATING POINT ON CONN.	COLOR
F-CONNECTOR		
C-3S	F2	BK
C-2M	F1	BR
C-1N	F3	W-BR
C-3N	F4	W
C-2N	F5	W-G
C-6N	F6	BK-G
C-2G	F7	O-BR
C-1F	F8	O-S
C-1D	F9	BK-W
C-2J	F10	R-BL
C-5AA	F17	O*
C-1AA	F32	R*
C-4AA	F50	G*
C-5N	F18	W-O-G
C-1C	F22	W-BK-P
C-3C	F28	W-BK-O
C-5N	F4	W
C-3N	F18	W-O-G
R-CONNECTOR		
C-9A	R1	W-Y
C-8A	R2	BR
C-5G	R3	BL
C-4C	R4	W-O-G
C-3M	R5	O-BR
C-3B	R6	W-O-BL
C-7F	R7	BK-Y
C-8C	R8	R-BR
C-8B	R9	W
C-6B	R10	W-G
C-4B	R11	W-P
C-2L	R12	G
C-2AA	R17	W-BL
C-7B	R18	BL-G
C-1G	R19	R-S
C-2B	R20	P
C-5A	R21	Y
C-4A	R22	O
C-10A	R23	W-R
C-5M	R24	O-S
C-7E	R25	BK
C-7T	R26	R-G
C-10B	R27	W-BR
C-5G	R28	W-O
C-6A	R29	BR-Y
C-3A	R34	BK-G
C-10C	R35	R-BL
C-5F	R36	R-Y
C-2A	R37	BK-R
C-1A	R38	R
C-1B	R39	W-BK-R
C-7T	R40	Y-G
C-7A	R41	BR-G
C-5B	R42	W-BK
C-9B	R43	W-S
C-5G	R44	R-O
C-3M	R45	O-G
C-4AA	R50	S
U-CONNECTOR		
C-4P	U2	BR-G
C-7K	U1	W-BK
C-1N	U3	BK-Y
C-7M	U4	W-Y
C-3D	U5	R-G
C-4D	U6	BK-BL
C-7D	U7	BL-S
C-5D	U8	R-S
C-6P	U9	BR-Y
C-4G	U10	G-S
C-4N	U11	W-P
C-1P	U12	W-S
C-6D	U24	BK-S
C-2K	U18	W-O-G
A-CONNECTOR		
C-5G	A1	BR-BL
C-3P	A2	W-O
C-5G	A3	R-BR
C-6R	A4	W-R
C-6T	A6	BL
C-5R	A7	W-BL
C-7F	A10	G
C-1H	A11	R-G
C-1L	A12	O
X-CONNECTOR (6)		
C-1L	X1	R-S
C-4R	X2	W-BK
C-2A	X3	W
C-3G	X4	W
C-7P	X5	G
C-5F	X6	BR-G
C-7E	X7	BL-G
C-3T	X8	W-Y
C-2R	X9	P
C-10A	X10	BR-BL
C-3A	X11	BL
C-6A	X12	Y-O
C-4C	X13	W-BR

W-CONNECTOR (7)	TERMINATING POINT ON CONN.	COLOR
C-1R	W1	BR-S
C-7R	W2	BK-BL
C-9A	W3	R-BR
C-8A	W4	O-BR
C-7N	W5	BL-G
C-1AA	W6	R
C-4AA	W7	O
C-5AA	W8	G
C-6S	W9	O-G
C-5L	W10	R-O
C-1T	W11	W-O-G
C-3R	W12	R-S
C-7B	W13	O-S
V-CONNECTOR (6)		
C-4E	V1	Y
C-3E	V2	W-P
C-6M	V3	BK-S
C-3H	V4	R-Y
C-2L	V5	R-BR
C-5S	V6	BR
C-5A	V7	R-O
C-8B	V8	W-O
C-10C	V9	O-S
C-1B	V10	G-S
C-1A	V11	BK-BR
C-4F	V12	W-G
C-3B	V13	G
C-8C	V14	BK-O
C-5P	V15	BK-G
Z-CONNECTOR (3)		
C-2B	Z1	BR-S
C-7S	Z4	O-S
C-1G	Z5	BR
C-2E	Z6	G-S
C-3S	Z7	O
C-3L	Z8	BK-R
C-2F	Z9	BR-Y
C-4N	Z10	BL-S
C-4S	Z11	R
C-3K	Z12	BR-BL
C-4L	Z1	Y
C-6B	Z13	BK-BL
Y-CONNECTOR (4)		
C-5B	Y1	W-BL
C-4A	Y2	S
C-9B	Y3	R-Y
C-5T	Y4	W-G
C-5D	Y5	BK-R
C-6D	Y6	P
C-7D	Y7	BK-G
C-8D	Y8	O
C-1E	Y9	W-BK
C-4T	Y10	R-BL
C-2T	Y11	W-O-BL
C-1S	Y12	W-BK-R
CD LAMP STRIP		
C-5J	CD-HL	W-O-BR
C-6J	CD-1L	W-G
C-4J	CD-2L	W-R-BK
C-3J	CD-3L	W-BL-O
C-6K	CD-4L	S
C-2E	CD-5L	R
C-2S	CD-HLG	G
CE LAMP STRIP		
C-2F	CE-2L	W-R
C-4H	CE-3L	W-R-O
CA MODE SWITCHING		
C-6L	CA-3	O
C-7E	CA-10	W-R-S
C-5K	CA-14	W-BR
C-4K	CA-15	BL
C-5H	CA-21	Y
C-7P	CA-24	BR
C-2G	CA-25	BK
195614 KEYPIN LOCATION		
X-15		
W-14		
Y-14		
Y-15		
Z-14		
Z-15		



REVISIONS		
ISSUE	DATE	AUTH. NO.
2	8-1-62	76 02
3	8-17-62	74274
4	8-17-62	74275
5	9-1-62	74499
6	10-12-62	74772
7	11-12-62	75085
8	12-13-62	75364
9	1-21-63	75588
10	4-3-63	76412
11	3-1-63	75461
12	3-11-63	75740
13	4-3-63	76412
14	9-11-63	77581
15	12-10-63	79160
16	1-15-64	79804
17	3-10-64	81104
18	6-11-64	82025
19	7-10-64	82423
20	11-16-64	84334
21	3-31-65	86326
22	6-10-65	87574
23	8-18-65	87498
24	9-2-65	88068
25	4-6-66	90350
26	3-30-67	93019
27	8-21-67	94324-B

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

SEE ISSUE CONTROL RECORD FOR COMPLETE LIST OF SHEETS COMPRISING THIS W.D. SHEET 5

ACTUAL WIRING DIAGRAM OF ELECTRICAL SERVICE UNIT LESU 301-326 FOR MODEL 35 ASR

APPROVALS

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

E-NUMBER
 PROD. NO. 5822WD

DATE 2-11-64

P.D. FILE NO. G-A151AA

DRAWN R.W.D. CHKD.

ENGD. G.E.W. APPD.

TELETYPE CORPORATION

5822WD

5822 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
2	8-1-62	-----
3	8-17-62	74274
4	8-17-62	74275
5	9-1-62	74499
6	10-12-62	74772
7	11-12-62	75085
8	12-13-62	75364
9	1-21-63	75588
10	4-3-63	76412
11	3-1-63	75461
12	3-11-63	75740
13	4-3-63	76412
14	9-1-63	77581
15	12-10-63	79160
16	1-15-64	79804
17	3-10-64	81104
18	6-11-64	82025
19	7-10-64	82423
20	11-16-64	84334
21	3-31-65	86326
22	6-10-65	87574
23	6-30-65	88057
24	5-4-67	92284

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

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

SHEET 6

ACTUAL WIRING DIAGRAM FOR ELECTRICAL SERVICE UNIT LESU301-326 FOR MODEL 35 ASR

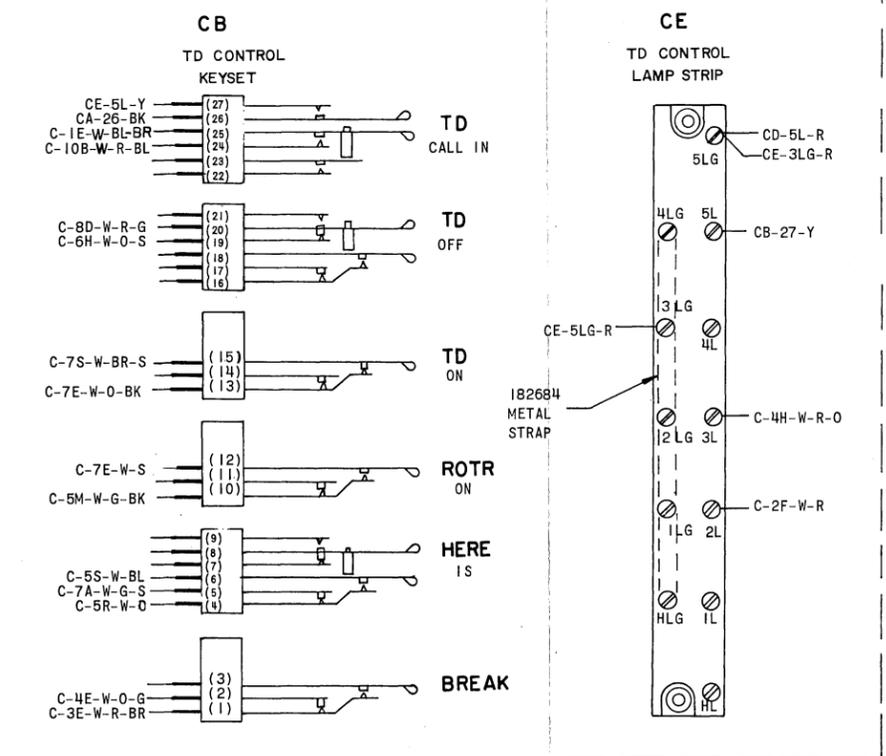
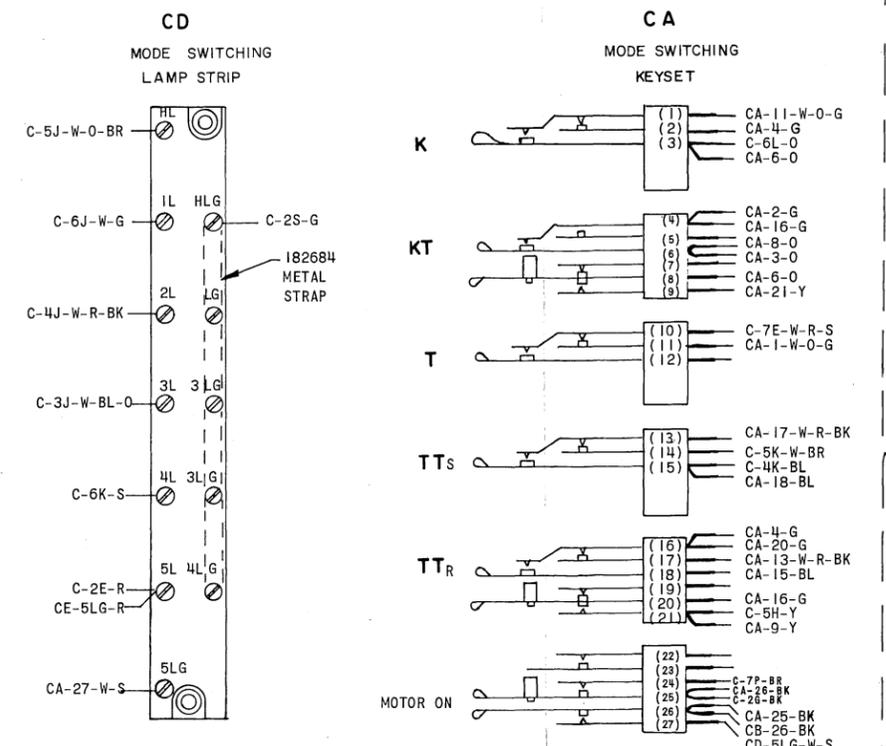
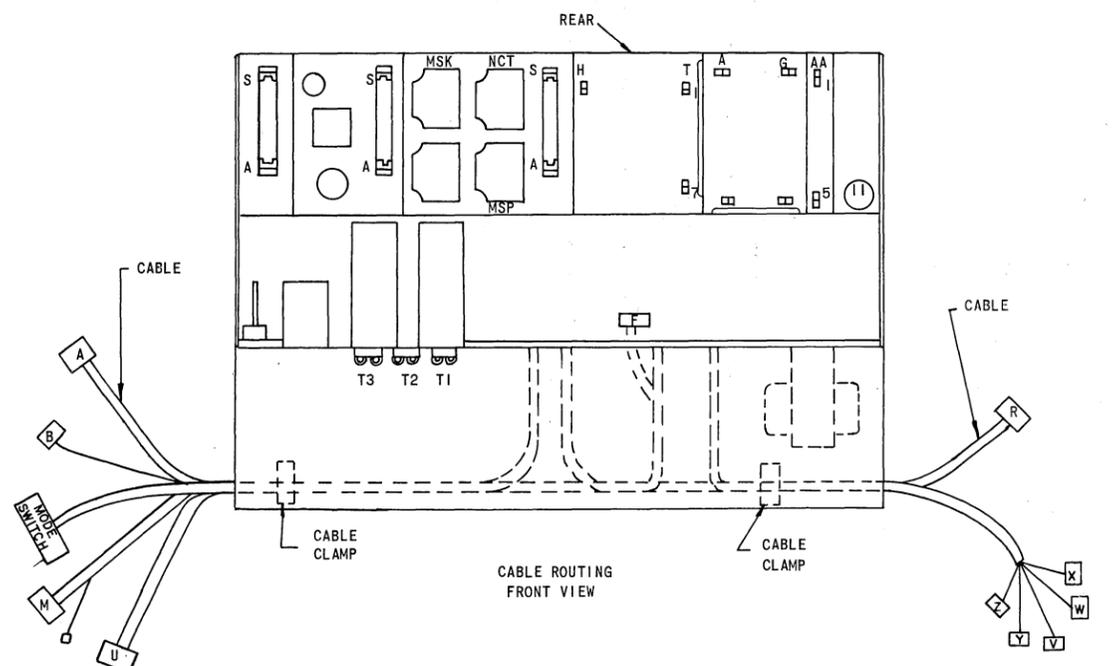
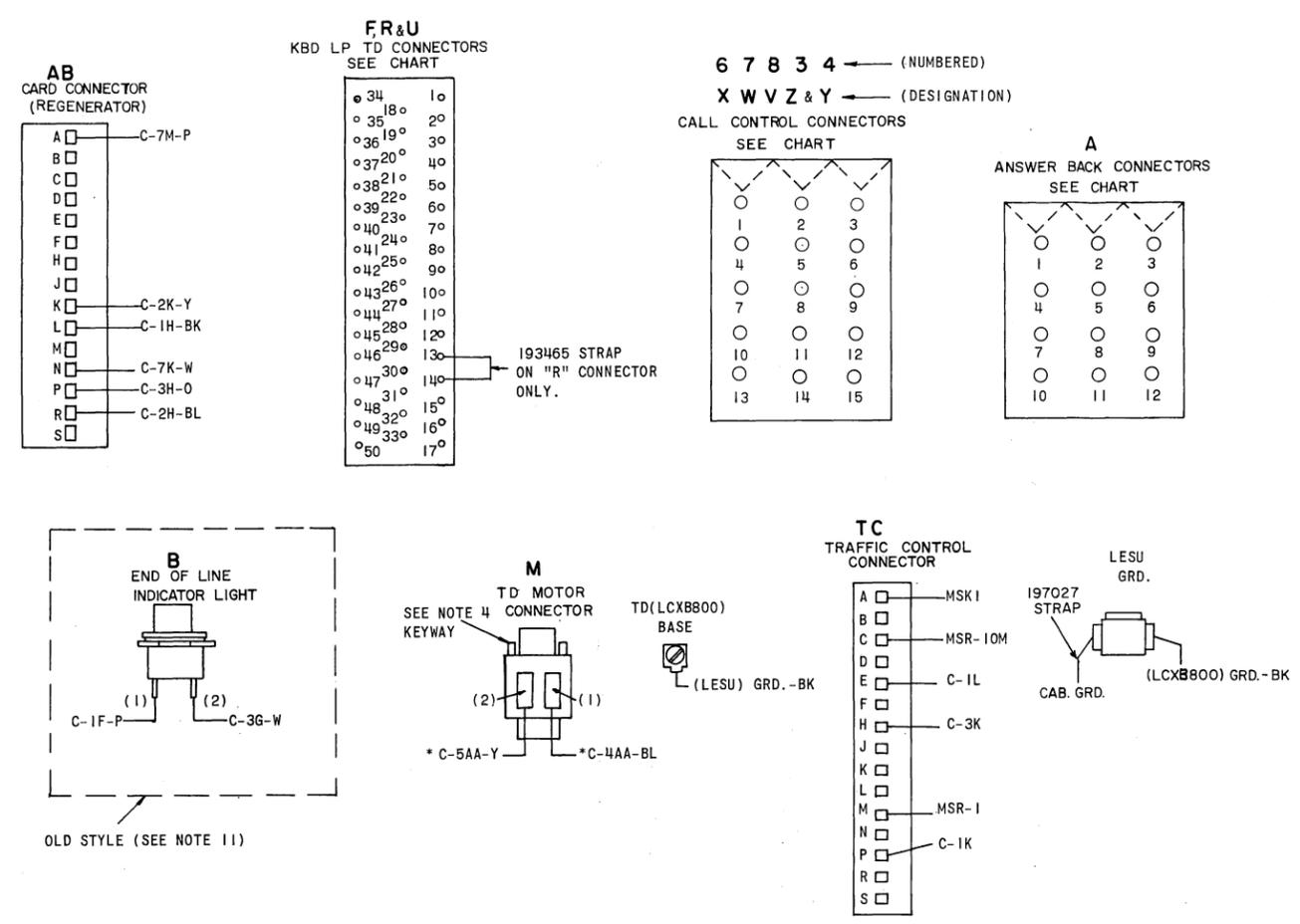
APPROVALS

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

E-NUMBER
PROD. NO. 5822WD
DATE 2/11/64
P.D. FILE NO. G-A151AA
DRAWN R. W. D. CHKD. *[Signature]*
ENGD. G. E. W. APPD. *[Signature]*

TELETYPE CORPORATION

5822 WD



NOTES CONTINUED FROM PAGE 5

19 WIRING STATUS:
 RECTANGULAR BOX INDICATES HISTORY OF WIRING CHANGES
 [00-B] B - DENOTES WIRING BEFORE THE CHANGE DESCRIBED BY THE DESIGNATED NOTE NUMBER ENTERED THE PRODUCT.
 [00-A] A - DENOTES WIRING AFTER THE CHANGE DESCRIBED BY THE DESIGNATED NOTE ENTERED THE PRODUCT.

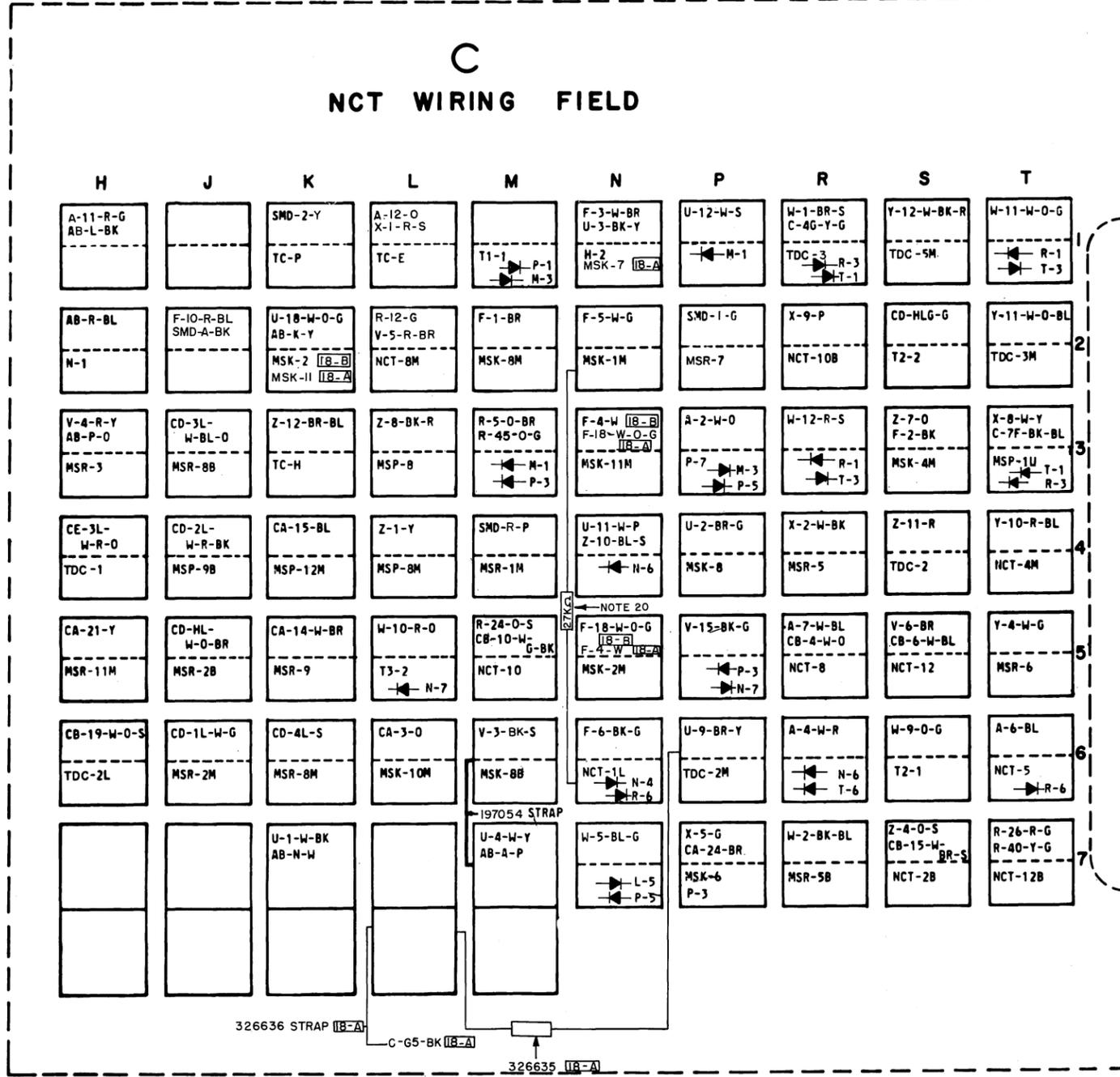
20 27KΩ RESISTOR IS NOT PRESENT ON SOME SETS.

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

5822 WD

REVISIONS		
ISSUE	DATE	AUTH. NO.
7	3-5-64	79702
8	3-10-64	81104
9	6-11-64	82025
10	7-10-64	82423
11	11-16-64	84334
12	3-31-65	86326
13	5-10-65	86326-1
14	6-10-65	87574
15	9-2-65	88068
16	3-30-67	93019
17	8-21-67	94324-B

C NCT WIRING FIELD



SEE ISSUE CONTROL RECORD FOR COMPLETE LIST OF SHEETS COMPRISING THIS W.D. SHEET 7

ACTUAL
 WIRING DIAGRAM OF
 ELECTRICAL SERVICE
 UNIT LESU 301,-326 FOR
 MODEL 35 ASR

APPROVALS	
D AND R <i>[Signature]</i>	E OF M <i>[Signature]</i>
E-NUMBER	
PROD. NO. 5822 WD	
DATE 2-11-64	
P.D. FILE NO. G-A151AA	
DRAWN R.W.D.	CHKD.
ENGD. G.E.W.	APPD.

TELETYPE CORPORATION

5822 WD

REFER TO NOTES
ON PAGE 5

SEE NOTES 11 AND 12, PAGE 5

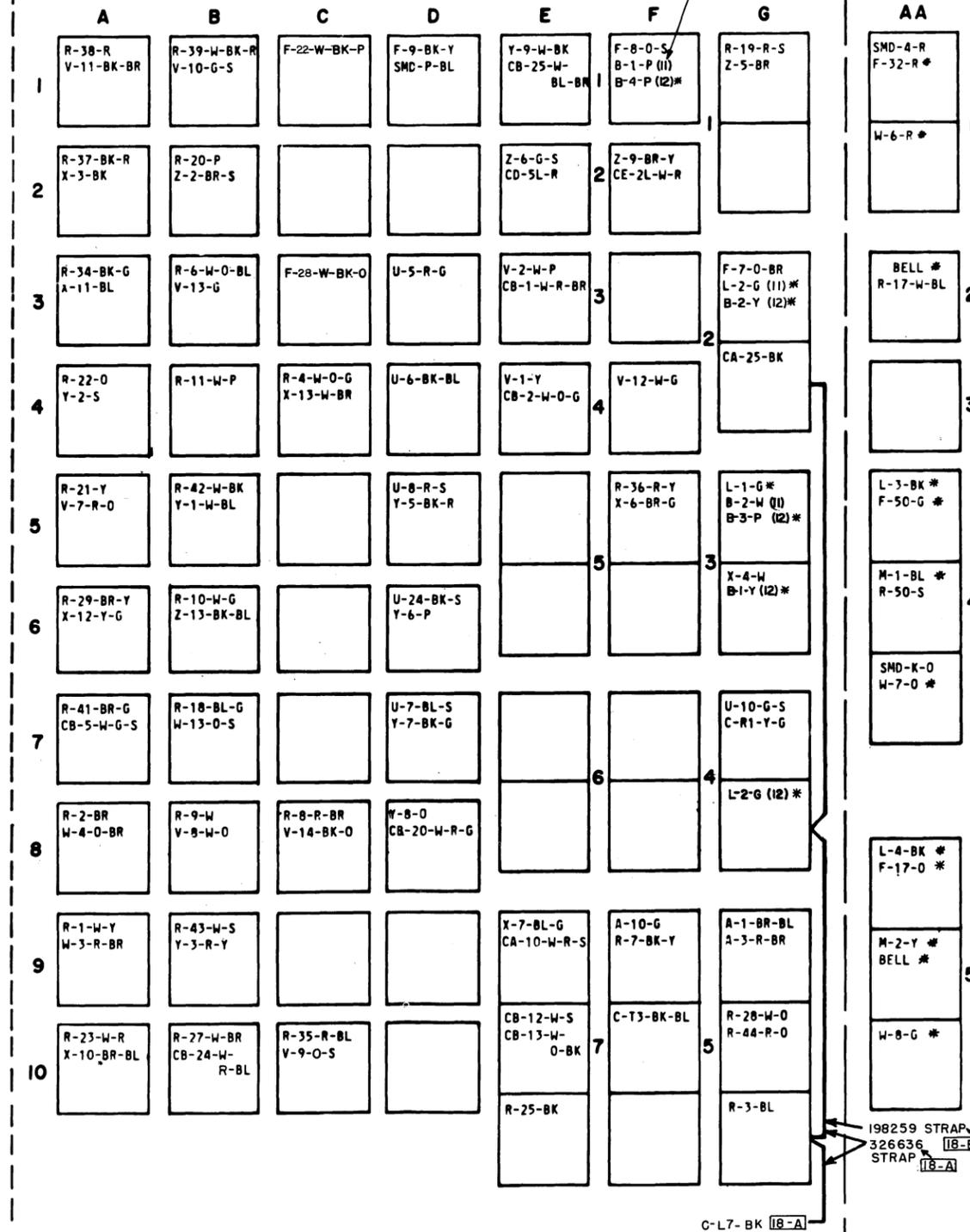
NOTE:
REVISION INFORMATION MUST
ALSO BE REFLECTED ON THE
ISSUE CONTROL RECORD, WHICH
IS A PART OF THIS DRAWING.

5822 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
7	3-5-64	79702
8	3-10-64	81104
9	6-11-64	82025
10	7-10-64	82423
11	11-16-64	84334
12	3-31-65	86326
13	6-10-65	87574
14	6-30-65	88057
15	3-30-67	93019

**C
MAIN WIRING FIELD**



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

SHEET 8

ACTUAL
WIRING DIAGRAM
OF
ELECTRICAL SERVICE
UNIT LESU301-326 FOR
MODEL 35 ASR

APPROVALS

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

E-NUMBER
PROD. NO. 5822WD
DATE 2-11-64
P.D. FILE NO. G-A151AA
DRAWN R.W.D. CHKD.
ENGD. G.E.W. APPD.

**TELETYPE
CORPORATION**

5822WD

5823 WD

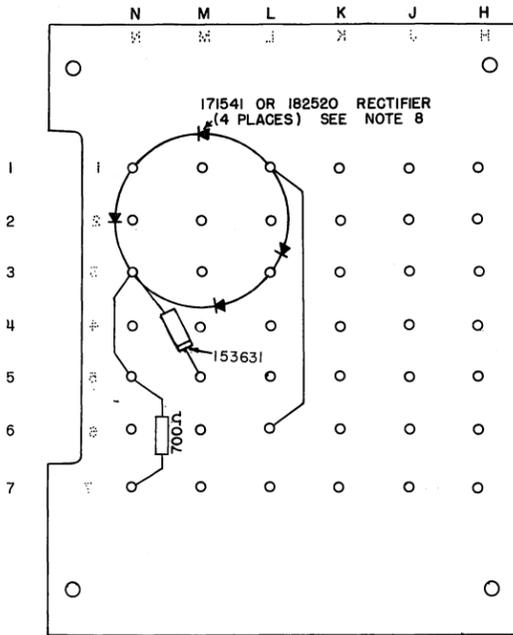
REVISIONS

ISSUE	DATE	AUTH. NO.
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3	4-3-63	76412
4	1-15-64	79804
5	6-18-64	82025
6	9-2-65	88068

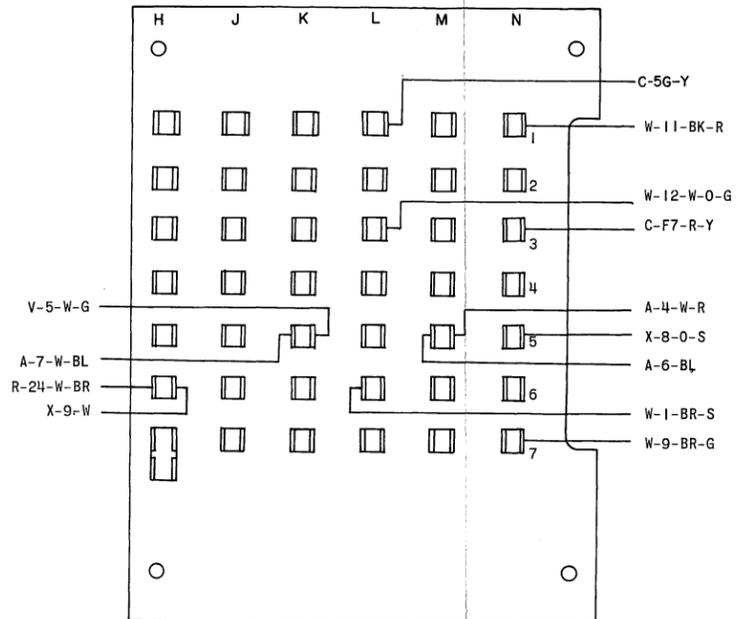
- NO. 1. NOTES
- WIRING LEGEND:
 - DISTANT TERMINATING AREA
 - DISTANT TERMINATING DESIGNATION
 - WIRE COLOR CODE
 - COLOR CODE:

W-WHITE	BK-BLACK
O-ORANGE	BL-BLUE
G-GREEN	BR-BROWN
S-SLATE	Y-YELLOW
R-RED	P-PURPLE
 - *REFERS TO 18 GA. WIRES ALL OTHER WIRING IS 24 GA.
 - RECEPTACLES VIEWED FROM WIRING SIDE.
 - ASSOCIATED CABLES:
 - 193474 CABLE ASSEMBLY (MAIN)
 - 193475 CABLE ASSEMBLY
 - ALL COMPONENT LEADS COVERED WITH 60340 RM VINYL GLASS TUBING EXCEPT 182520 SILICON RECTIFIERS.
 - CONNECT EITHER LEAD OF BELL TO C-AA2 AND THE REMAINING LEAD TO C-AA5.
 - THIS SCHEMATIC SYMBOL DESIGNATES EITHER OF THE INTERCHANGEABLE PARTS BELOW:
 - 171541
 - 182520 CATHODE END

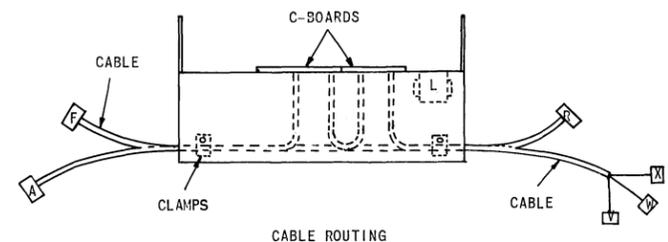
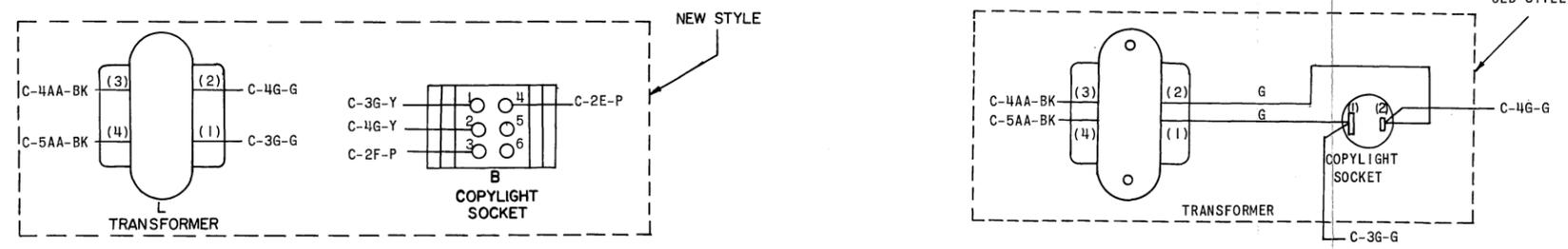
C WIRING FIELD
UNDERSIDE
(NOT CONNECTED TO OTHER AREAS)



C WIRING FIELD



L COPYLIGHT POWER SUPPLY



SHEET 1 OF 2

ACTUAL WIRING DIAGRAM FOR MODEL 35 LESU 302

APPROVALS

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

E-NUMBER

PROD. NO. 5823WD

DATE 5/23/64

P.D. FILE NO. 1.512-151AA

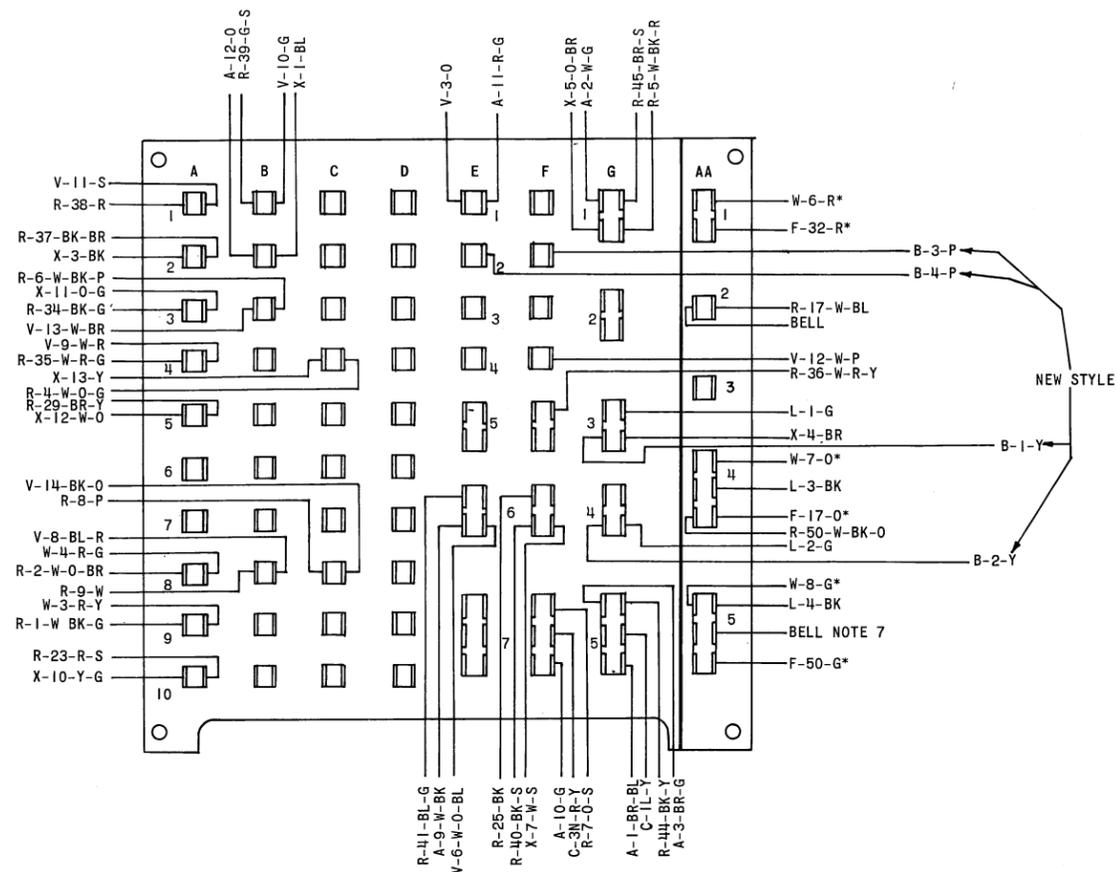
DRAWN AD	CHKD.
ENGD. RDS	APPD.

TELETYPE CORPORATION

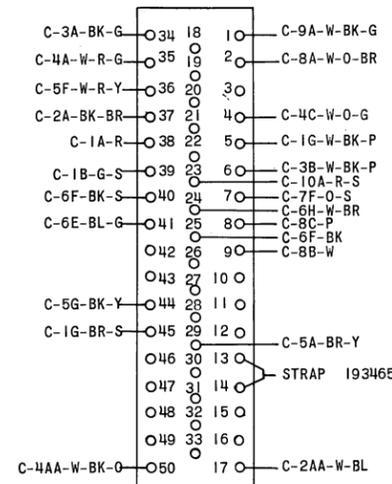
5823WD

SEE SHEET 1 FOR NOTES

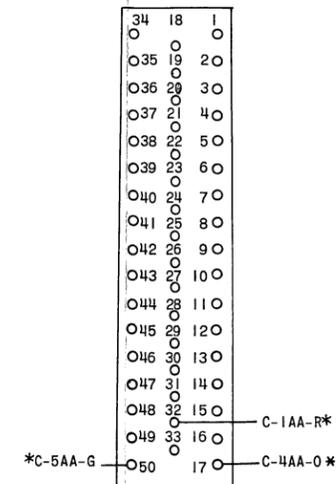
C WIRING FIELD



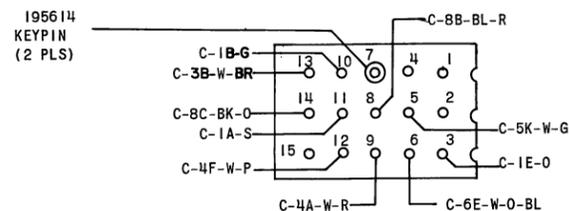
R CONNECTOR



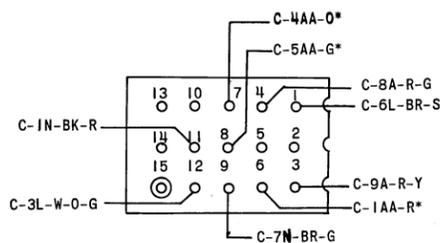
F CONNECTOR



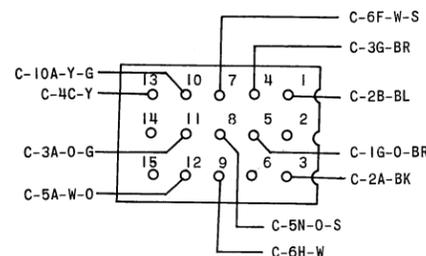
V CONNECTOR (NUMBERED-8)



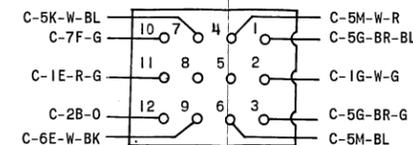
W CONNECTOR (NUMBERED-7)



X CONNECTOR (NUMBERED-6)



A CONNECTOR



5823 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
2	12-13-62	75364
3	4-3-63	76412
4	1-15-64	79804
5	6-18-64	82025

SHEET 2 OF 2

ACTUAL WIRING DIAGRAM FOR MODEL 35 LESU 302

APPROVALS

D AND R E OF M
AGK *CS*

E-NUMBER
 PROD. NO. 5823WD
 DATE 5/23/64
 P.D. FILE NO. 1.512-151AA
 DRAWN AD CHKD.
 ENGD. RDS APPD.

TELETYPE CORPORATION

5823 WD

5

32

5983WD

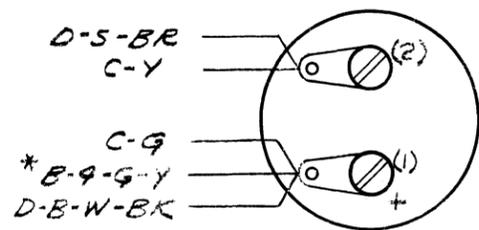
REVISIONS

ISSUE	DATE	AUTH. NO.
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4	9-9-64	82600
5	2-22-66	90356
6	10-17-66	90278

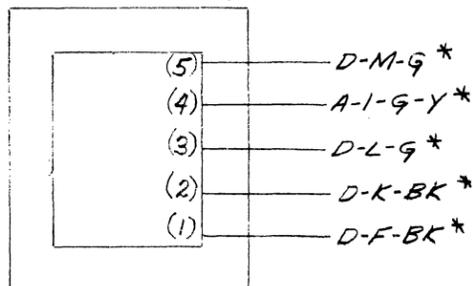
NOTES

- COLOR CODES
BK-BLACK G-GREEN
R-RED BL-BLUE
O-ORANGE P-PURPLE
Y-YELLOW W-WHITE
W-O-WHITE-ORANGE
W-G-WHITE-GREEN
W-BL-WHITE-BLUE
G-Y-GREEN-YELLOW
BR-Y-BROWN-YELLOW
- WIRING LEGEND
DISTANT TERMINATING AREA
DISTANT TERMINATING DESIGNATION
D-L-W-BL
WIRE COLOR CODE
- ALL COMPONENTS VIEWED FROM THE SOLDERED SIDE
- FOR ASSOCIATED W.D.'S SEE 182630 (20MA) 182631 (60MA)
- SIGNAL INPUT IMPEDANCE IS 30 OHMS, FOR 680 OHM RESISTANCE REMOVE 113492 STRAP
- * INDICATES 18 GA WIRE
-
- NUMBERS IN PARENTHESIS ARE NOT MARKED ON COMPONENTS

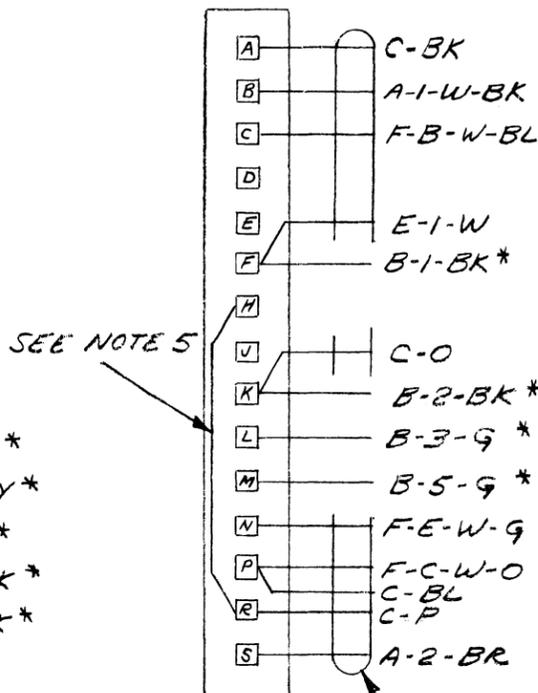
A
CAPACITOR
(182501)



B
TRANSFORMER
(195153)

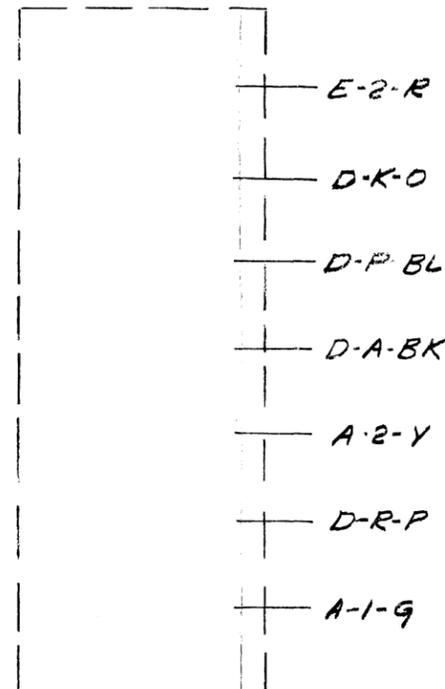


D
CARD CONNECTOR
(198649)

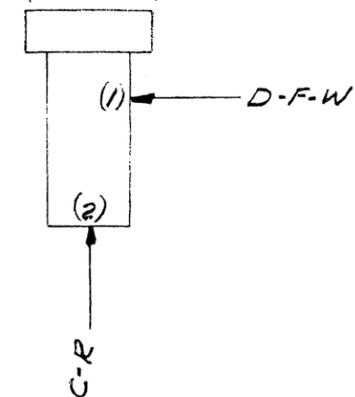


SEE NOTE 5

C
WIRING FIELD (LESU)



E
FUSE HOLDER
(116783)



F
POWER TRANSISTOR
(181675)
WRAP & SOLDER (10) ENDS OF CABLE 195244 (B) AND (A) TRANSFORMER WIRES.

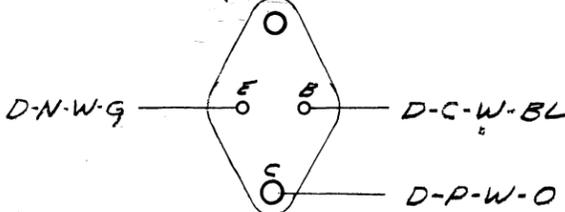


TABLE I

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

WDP

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

(SEE TABLE I)

APPROVALS

DANGER E OF M
[Signatures]

E NUMBER

PROD. NO. 5983WD

DATE: 1-10-62

P.D. FILE NO. 1-159.151AA

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

ENG. J.G.M. APPD. B.G.G.

TELETYPE CORPORATION

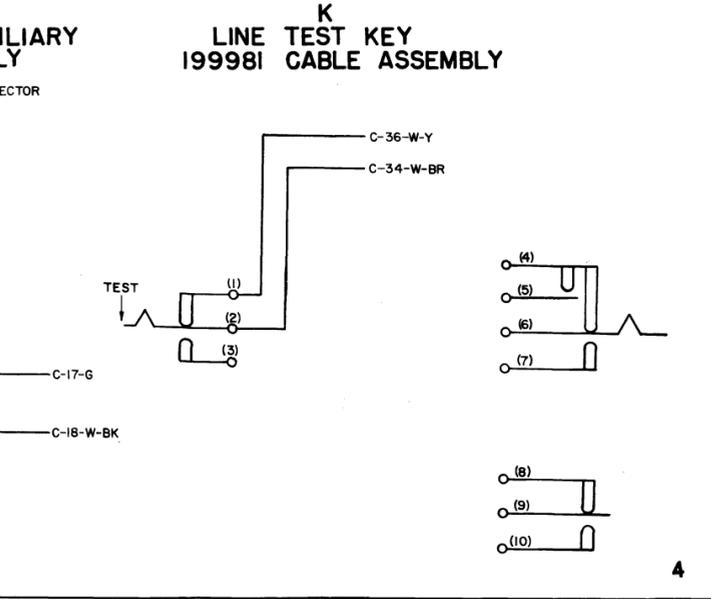
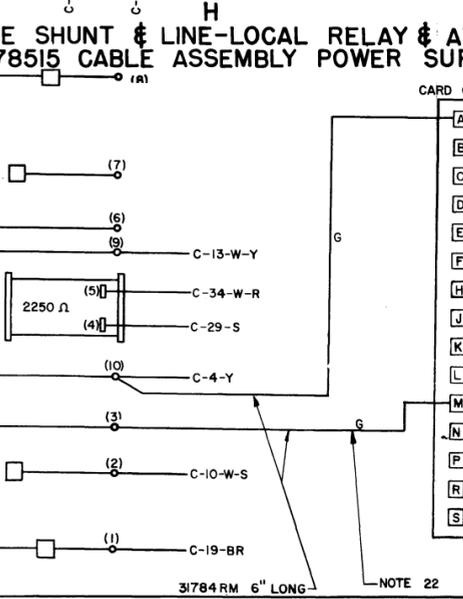
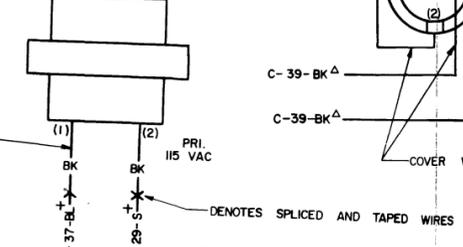
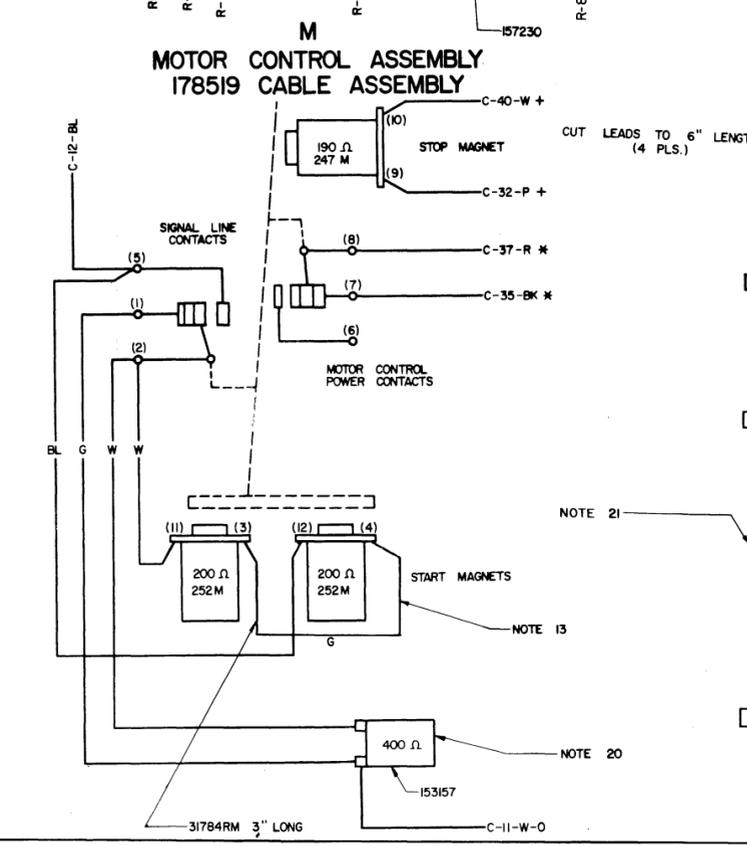
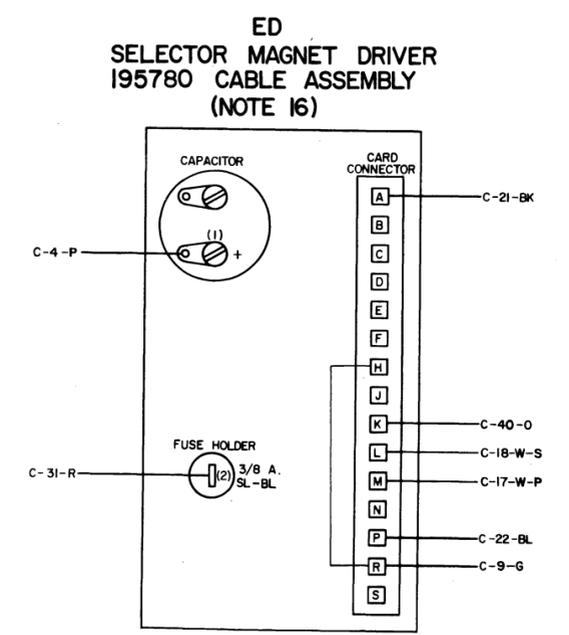
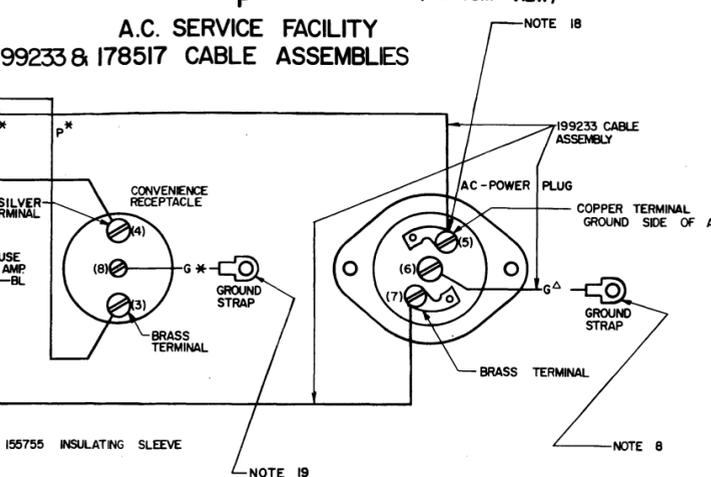
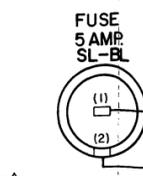
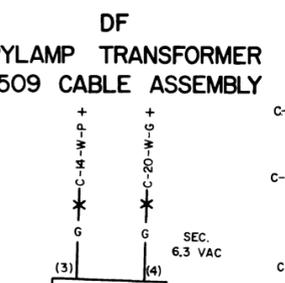
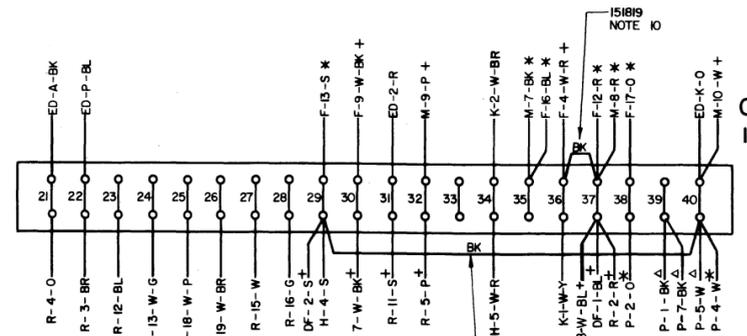
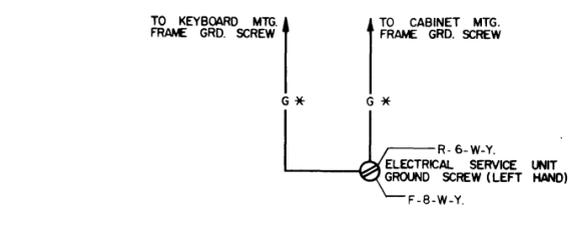
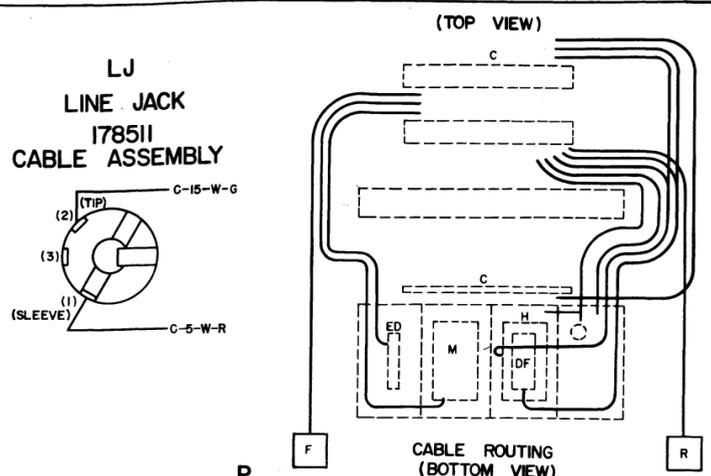
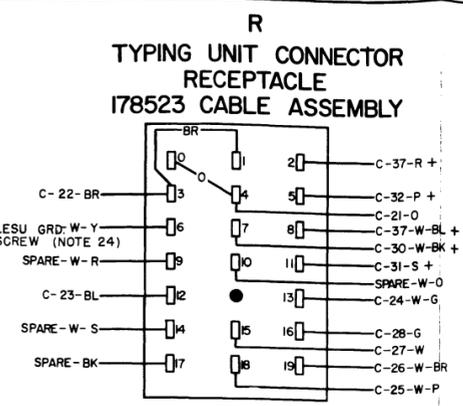
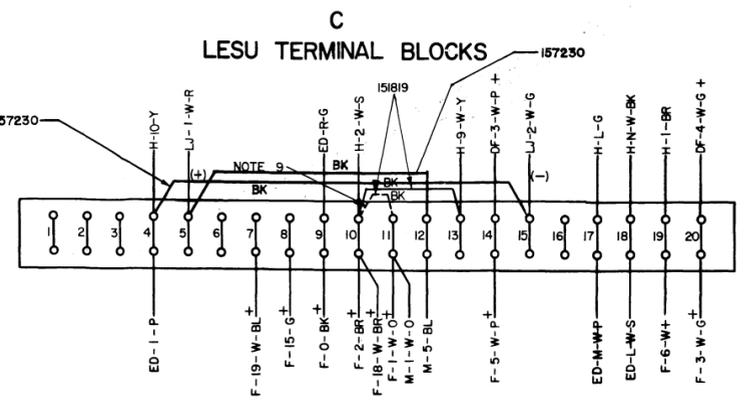
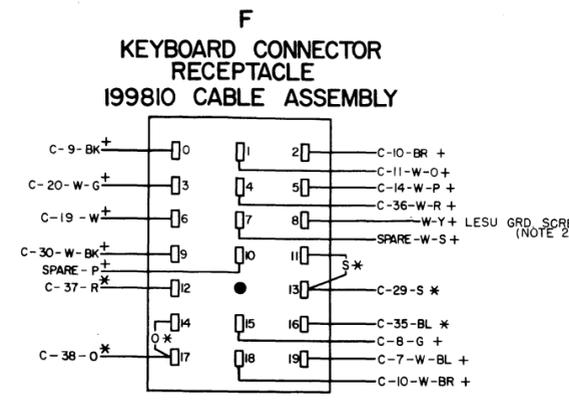
6 5983 WD

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

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

* DENOTES 18 GA. Δ DENOTES 16 GA.
 + DENOTES 22 GA. ALL OTHER WIRE 24 GA.
 3. UNIT WIRED FOR 115 VOLTS 60 CYCLE A.C. POWER INPUT ONLY.
 4. CONNECTORS VIEWED FROM SOLDER TERMINAL END.
 5. TERMINALS C1 - C3 ARE RESERVED FOR CUSTOMER USE.
 6. CONTACTS SHOWN IN UN-OPERATED OR DE-ENERGIZED POSITIONS.
 7. SPARE LEADS FROM THE KEYBOARD CONNECTOR ARE TERMINATED AT THE LEFT END OF THE ELECTRICAL SERVICE UNIT. SPARE LEADS FROM THE TYPING UNIT CONNECTOR ARE TERMINATED AT THE RIGHT END OF THE ELECTRICAL SERVICE UNIT.
 8. THIS WIRE MUST BE SECURED TO SERVICE UNIT WITH GROUNDING SCREW IN CONVENIENCE RECEPTACLE MOUNTING BOX.
 9. WHEN SIGNAL LINE BREAK SWITCH IS NOT USED, ADD STRAP BETWEEN C-10 AND C-11.
 10. LINE SHUNT RELAY SHOWN CONTROLLED BY MOTOR CONTROL POWER CONTACTS FOR DIRECT CONTROL OF LINE SHUNT RELAY FROM POWER SWITCH REMOVE STRAP BETWEEN C-36 - C-37 AND ADD STRAP BETWEEN C-35 - C-36.
 11. TO DISABLE MOTOR CONTROL FEATURE ELECTRICALLY ADD STRAP BETWEEN C-35 - C-37.
 12. SELECTOR MAGNET DRIVER SHOWN CONTROLLED BY POWER SWITCH. FOR CONTINUOUS OPERATION MOVE ED-2-R WIRE FROM C-31 TO C-38.
 13. WIRING SHOWN FOR .020 AMP NEUTRAL SIGNAL LINE OPERATION.
 14. FOR SCHEMATIC WIRING DIAGRAM REFER TO 6002WD.
 15. TERMINAL DESIGNATIONS ENCLOSED IN PARENTHESIS ARE NOT NECESSARILY MARKED ON COMPONENTS.
 16. FOR NEUTRAL SIGNAL LINE OPERATION USE CIRCUIT CARD ASSEMBLIES AS FOLLOWS:

SIGNAL INPUT	ASSEMBLY NO.
.020 AMP	182630
 17. WHEN PUTTING CIRCUIT CARD IN CONNECTOR MAKE SURE COMPONENT SIDE OF CARD FACES CAPACITOR AND TRANSFORMER ON SELECTOR MAGNET DRIVER ASSEMBLY.
 18. THE SLEEVING COVERED TERMINALS ON THE 19233 CABLE MUST BE FASTENED TO TERMINALS 5 AND 7 SO THAT THEY ARE POINTING TO THE REAR OF THE UNIT AS MUCH AS POSSIBLE.
 19. THE GROUND STRAP ON THE CONVENIENCE RECEPTACLE MUST BE SECURED TO THE SERVICE UNIT WITH MOUNTING SCREW OF CONVENIENCE RECEPTACLE FARTHEST FROM THE FUSE HOLDER.
 20. TIE AND/OR ROUTE CABLES TO AVOID CONTACT WITH THIS RESISTOR.
 21. THE FORM "B" (BREAK) CONTACT SHALL NOT OPEN UNTIL THE TRANSFER OF THE FORM "C" CONTACTS HAS BEEN COMPLETED.
 22. SHOWN WIRED FOR .020 AMPERE NEUTRAL OPERATION.
 23. IF THE AC INPUT POWER PLUG IS NOT USED AND THE AC POWER IS WIRED DIRECTLY TO TERMINALS C-39 AND C-40, THEN IT IS NECESSARY THAT THE OFFICE GROUND LEAD BE ATTACHED TO THE TERMINAL BLOCK MOUNTING PLATE. A NO. 6 SCREW, FLAT WASHER, AND STAR WASHER ARE INCLUDED IN A BAG FOR THIS PURPOSE. REMOVE THE WIRES IN THE 19233 CABLE FROM TERMINALS C-39 AND C-40 AND TAPE AND TIE THEM BACK TO THE CABLE.
 24. WIRES FROM "F" AND "R" CONNECTORS TO GROUND SCREW NOT CONNECTED ON SOME SETS.



6002WD REVISIONS

ISSUE	DATE	AUTH. NO.
1	6-17-64	15369-R
2	10-7-65	88785
3	6-10-66	91185
4	1-25-67	92056

ACTUAL WIRING DIAGRAM FOR MODEL 35 (WALL MOUNT) ELECTRICAL SERVICE UNIT AND ASSOCIATED UNITS LESU 308

APPROVALS
 D, AND R E OF M

E-NUMBER
 PROD. NO. 6002 WD

DATE 1-15-63
 P.D. FILE NO. 1-30.151AA

DRAWN J.J.K. CHKD. R.H.G.
 ENGD. W.T.C. APPD. [Signature]

TELETYPE CORPORATION

6002 WD

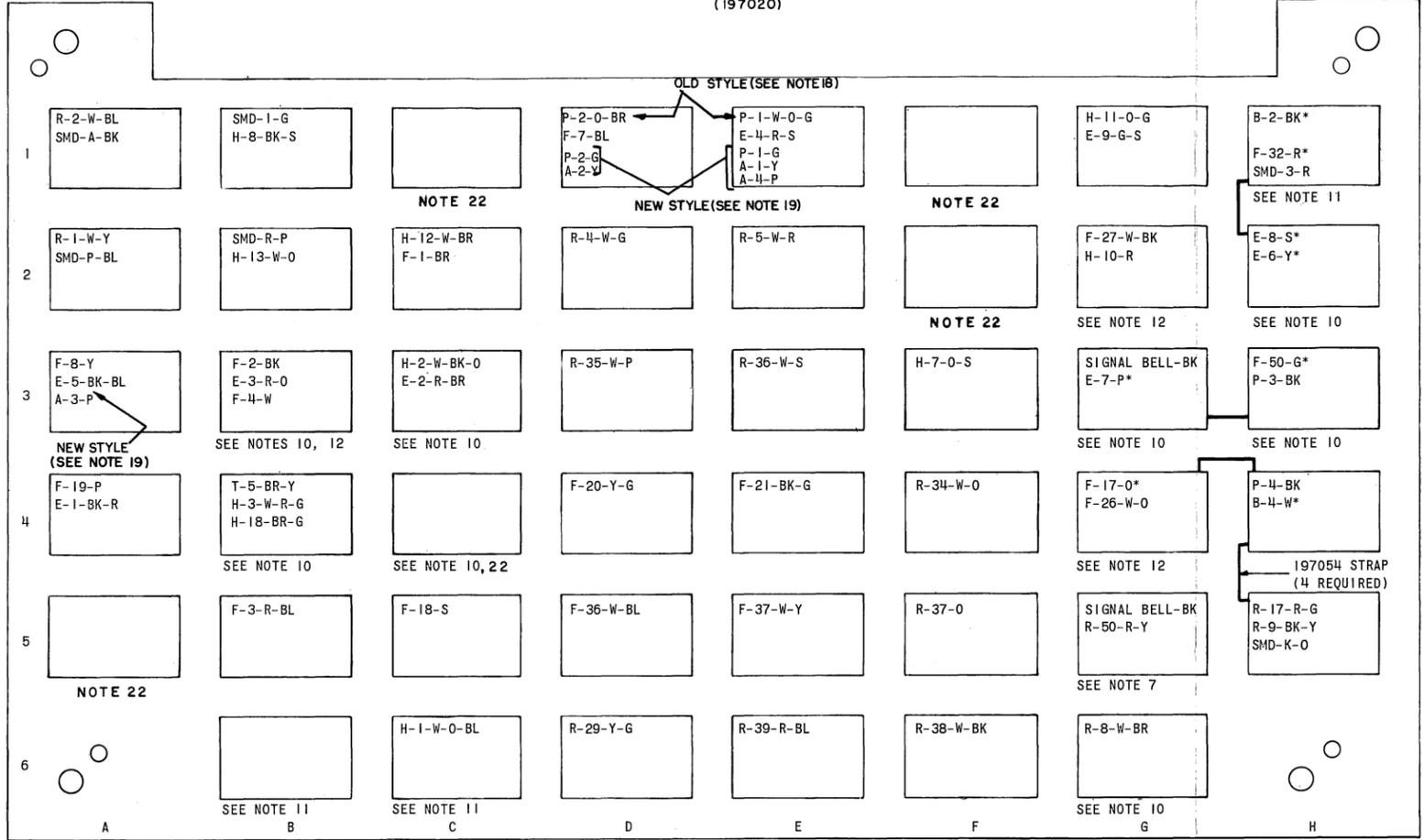
6046WD

REVISIONS

ISSUE	DATE	AUTH. NO.
A 2	10-7-63	77538
B 3	1-23-64	79298
C 4	4-6-64	80159
5	6-12-64	82025
6	7-2-64	82588
7	7-2-64	80159-1
8	9-11-64	83468
9	12-11-64	84597
10	1-11-65	85717
11	2-1-65	85733
12	6-8-66	80985
13	5-23-67	84063
14	1-30-67	94830-D

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

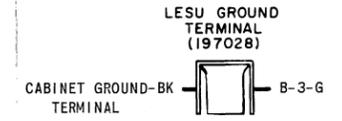
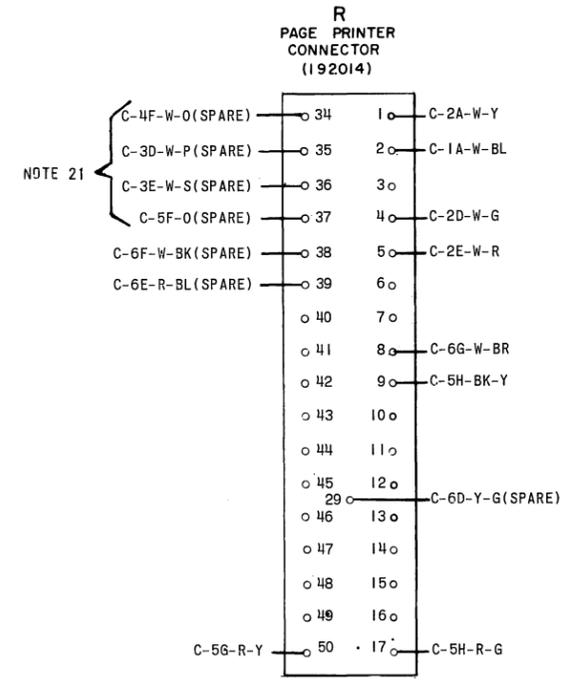
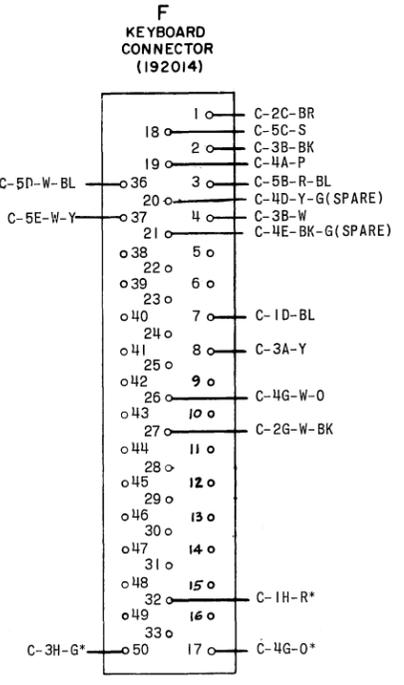
C WIRING FIELD (197020)



- 1. WIRING LEGEND:**
 DISTANT TERMINATING AREA
 DISTANT TERMINATING DESIGNATION
 C-18-G WIRE COLOR CODE
- 2. COLOR CODE:**
 W - WHITE P - PURPLE
 BK - BLACK G - GREEN
 O - ORANGE R - RED
 BL - BLUE S - SLATE
 Y - YELLOW BR - BROWN
- 3. UNITS WIRED FOR 60 CYCLES POWER INPUT ONLY.**
- 4. RECEPTACLES VIEWED FROM WIRING SIDE.**
- 5. * ASTERISK FOLLOWING WIRE COLOR INDICATES 18 GA. WIRE.**
- 6. ASSOCIATED CABLES:**
 197021 - CABLE ASSEMBLY (KEYBOARD)
 197022 - CABLE ASSEMBLY (PAGE PRINTER)
 197029 - CABLE ASSEMBLY (BASIC FACILITIES)
- 7. CONNECT EITHER LEAD OF THE SIGNAL BELL TO C-3G AND THE REMAINING LEAD TO C-5G AS INDICATED WHEN THE LESU IS INSTALLED.**
- 8. ASSOCIATED WIRING DIAGRAMS & DRAWINGS:**
 182630 (SMD CIRCUIT CARD) - LESU309
 182631 (SMD CIRCUIT CARD) - LESU310
 5983WD (SMD ACTUAL)
 6041WD (SCHEMATIC)
 6380WD (POWER PANEL ACTUAL)
- 9. NUMBERS IN PARENTHESES ARE NOT MARKED ON COMPONENTS.**
- 10. ELECTRICAL MOTOR CONTROL WIRING, OPTIONS B OR D**
 WIRE ELECTRICAL MOTOR CONTROL AS SHOWN ON DRAWING, THEN MOVE THE FOLLOWING WIRES:
 H-18-BR-G FROM C-4B TO C-3B (C-3C IN RO SET)
 E-2-R-BR FROM C-3C TO C-4C
 H-3-W-R-G FROM C-4B TO C-3B (C-2C IN RO SET)
 F-2-BK FROM C-3B TO C-3C (KSR ONLY)
 F-4-W FROM C-3B TO C-3C (KSR ONLY)
 F-50-G* FROM C-3H TO C-3G
 P-3-BK FROM C-3H TO C-3G
 E-8-S* FROM C-2H TO C-3H
 E-3-R-O FROM C-2C TO C-3C (RO ONLY)
 REMOVE STRAP BETWEEN C-3G AND C-3H
 NOTE (OPTION D)
 FOR 20 MA OPERATION, MOVE THE FOLLOWING WIRES:
 M-3-BK FROM C-4B TO C-5A
 M-4-S FROM C-4C TO C-5A
 M-1-Y FROM C-4C TO C-5D

- 11. LINE-LOCAL OPTION (E OR F)**
 THIS OPTION REQUIRES THE 198209 AUX. POWER SUPPLY ASSEMBLY AND 198249 SMD SUPPLEMENTARY CABLE ASSEMBLY. WIRE AUX. POWER AND CABLE ASSEMBLIES AS SHOWN ON DRAWING. (FOR 60 MA OPERATION, OPTION F) MOVE THE BK-BL WIRE ON C-6B TO C-6C AND W-BK WIRE ON C-6C TO C-6B.
- 12. RO WIRING**
 FOR (RO) RECEIVE-ONLY SETS, WIRE AS FOLLOWS:
 E-3-R-O FROM TERMINAL C-3B TO C-2C
 H-10-R FROM TERMINAL C-2G TO C-4G
- 13. TAPE YELLOW WIRE ON SMD TO MAIN BODY OF CABLE.**
- 14. THE LESU309 IS WIRED FOR 20 MA OPERATION. THE LESU310 IS WIRED FOR 60 MA OPERATION.**
- 15. SET WIRED FOR HALF DUPLEX OPERATION. FOR FULL DUPLEX OPERATION, REMOVE THE STRAP BETWEEN TERMINALS T6 & T7 AND WIRE AS FOLLOWS:**
 RECEIVE LOOP SEND LOOP
 () T7 () T5
 (-) T8 (-) T6

- 16. THE 151988 POWER LINE SUPPRESSOR IS USED IN SETS WHICH CONTAIN THE LESU310 ONLY; POWER CORD CONNECTS DIRECTLY TO SUPPRESSOR INPUT.**
- 17. THE 182510 POWER CORD IS CONNECTED TO LESU309 ONLY.**
- 18. OLD STYLE WIRING IS FOR ASR AND KSR SETS WITH END OF LINE LIGHT MOUNTED ON PANEL ADJACENT TO KEYBOARD, ALSO USED ON OLD STYLE RO SETS.**
- 19. NEW STYLE WIRING IS FOR ASR AND KSR SETS WITH END OF LINE LIGHT MOUNTED ON COVER AT TOP OF LINE GUIDE SHAFT ALSO USED ON NEW STYLE RO SETS.**
- 20. 312350 DATA SET COUPLER MODIFICATION KIT MAY BE INSTALLED ON THIS UNIT. THIS KIT IS NOT COMPATIBLE WITH ELECTRICAL MOTOR CONTROL OPTIONS B OR D.**
- 21. WHEN SET USES LP 840 WITH ATX CODING 34 35, 36, & 37 ARE USED FOR TERMINATING 2 COLOR RIBBON CONTROL.**
- 22. C-1F-2F-1C-4C, -5A RESERVED FOR USE WITH 165708 MOTOR CONTROL RELAY ASSEMBLY.**



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

SHEET 1

ACTUAL WIRING DIAGRAM FOR ELECTRICAL SERVICE UNITS LESU309 & 310 FOR MODEL 35 PRIVATE LINE KSR, RO, SETS

APPROVALS

D AND R	E OF M
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E-NUMBER

PROD. NO. 6046WD

DATE

P.D. FILE NO. 1-159.151AA

DRAWN CHKD.

ENGD. APPD.

TELETYPE CORPORATION

6046WD

SEE SHEET 1 FOR NOTES

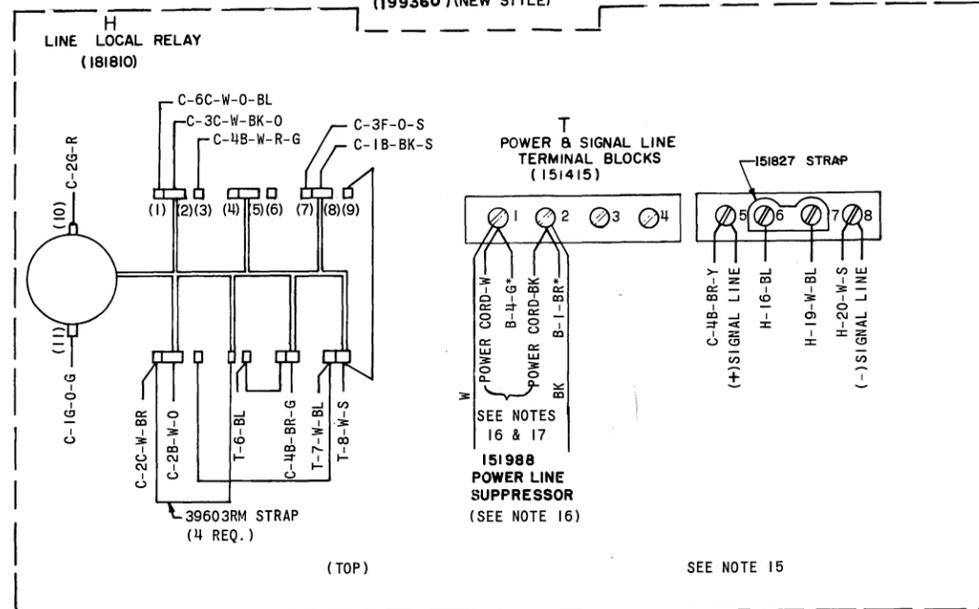
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REVISION INFORMATION MUST ALSO
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OF THIS W.D.

6046WD

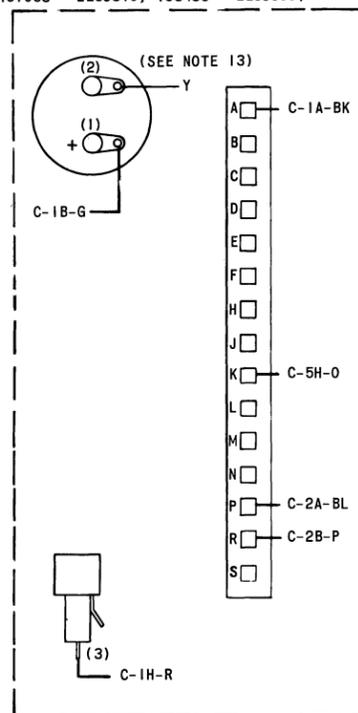
REVISIONS

ISSUE	DATE	AUTH. NO.
A 2	10-7-63	77538
B 3	1-23-64	79298
C 4	4-6-64	80159
5	6-12-64	82025
6	7-2-64	82588
7	7-2-64	80159-1
8	9-11-64	83468
9	12-11-64	84597
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11	2-1-65	85733

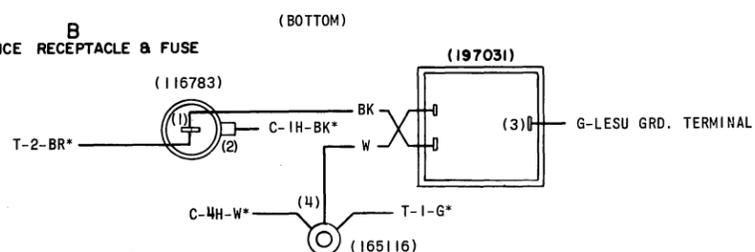
BASIC FACILITIES ASSEMBLY
(197024) (OLD STYLE)
(199360) (NEW STYLE)



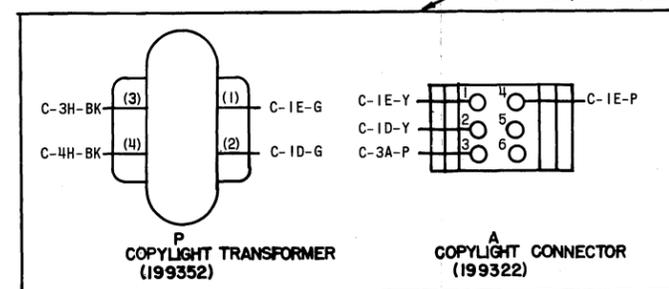
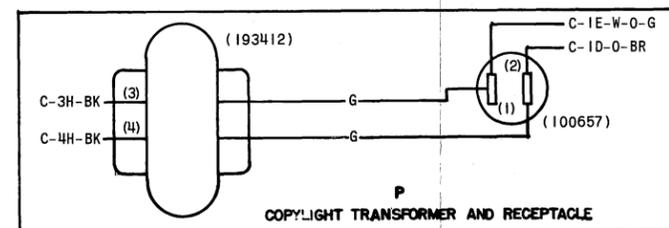
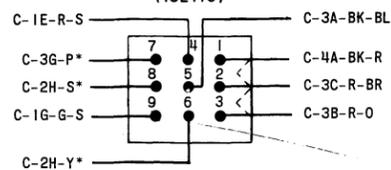
SMD
SELECTOR MAGNET DRIVER
(197053 - LESU310, 193485 - LESU309)



B
CONVENIENCE RECEPTACLE & FUSE
(BOTTOM)



E
POWER CONNECTOR
(182716)



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

SHEET 2

ACTUAL
WIRING DIAGRAM
FOR
ELECTRICAL SERVICE UNITS
LESU309 & 310
FOR MODEL 35
PRIVATE LINE
KSR,RO, SETS

APPROVALS

D AND R

E OF M

E-NUMBER

PROD. NO. 6046WD

DATE

R.D. FILE NO. A-159.151AA

DRAWN

CHKD.

ENGD.

APPD.

TELETYPE
CORPORATION

6046WD

SEE SHEET 1 FOR NOTES

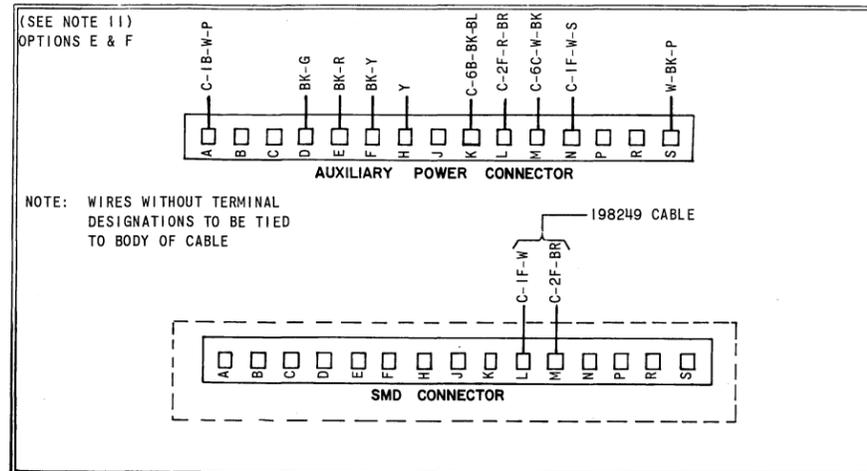
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6046WD

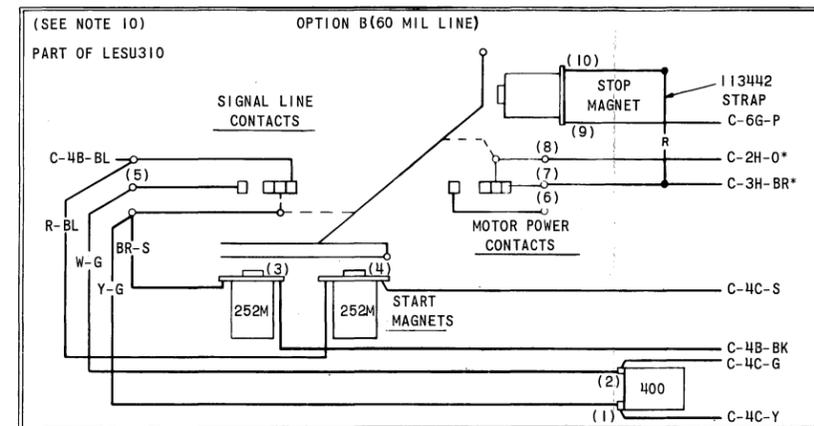
REVISIONS

ISSUE	DATE	AUTH. NO.
A 2	10-7-63	77538
B 3	1-23-64	79298
C 4	4-6-64	80159
5	6-12-64	82025
6	7-2-64	82588
7	7-2-64	80159-1
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11	2-1-65	85733

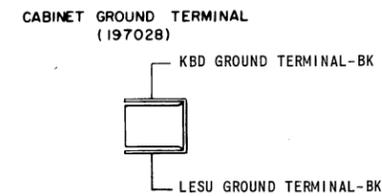
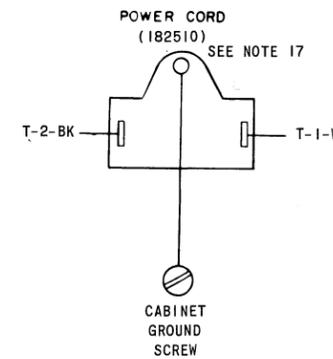
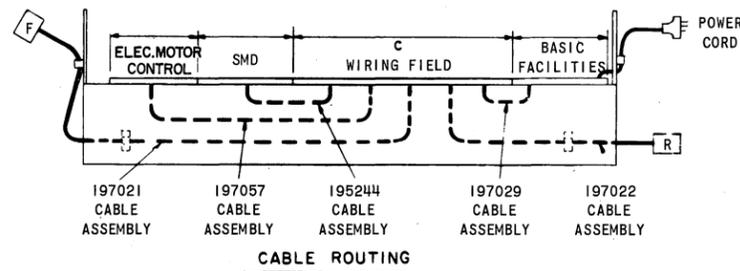
L
RECTIFIER ASSEMBLY
(198209 #198249)



M
ELECTRICAL MOTOR CONTROL ASSEMBLY
(197035)



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



SHEET 3

ACTUAL WIRING DIAGRAM FOR ELECTRICAL SERVICE UNITS LESU309 & 310 FOR MODEL 35 PRIVATE LINE KSR,RO, SETS

APPROVALS

D AND R

E OF M

E-NUMBER

PROD. NO. 6046WD

DATE

P.D. FILE NO. 1-159.151AA

DRAWN

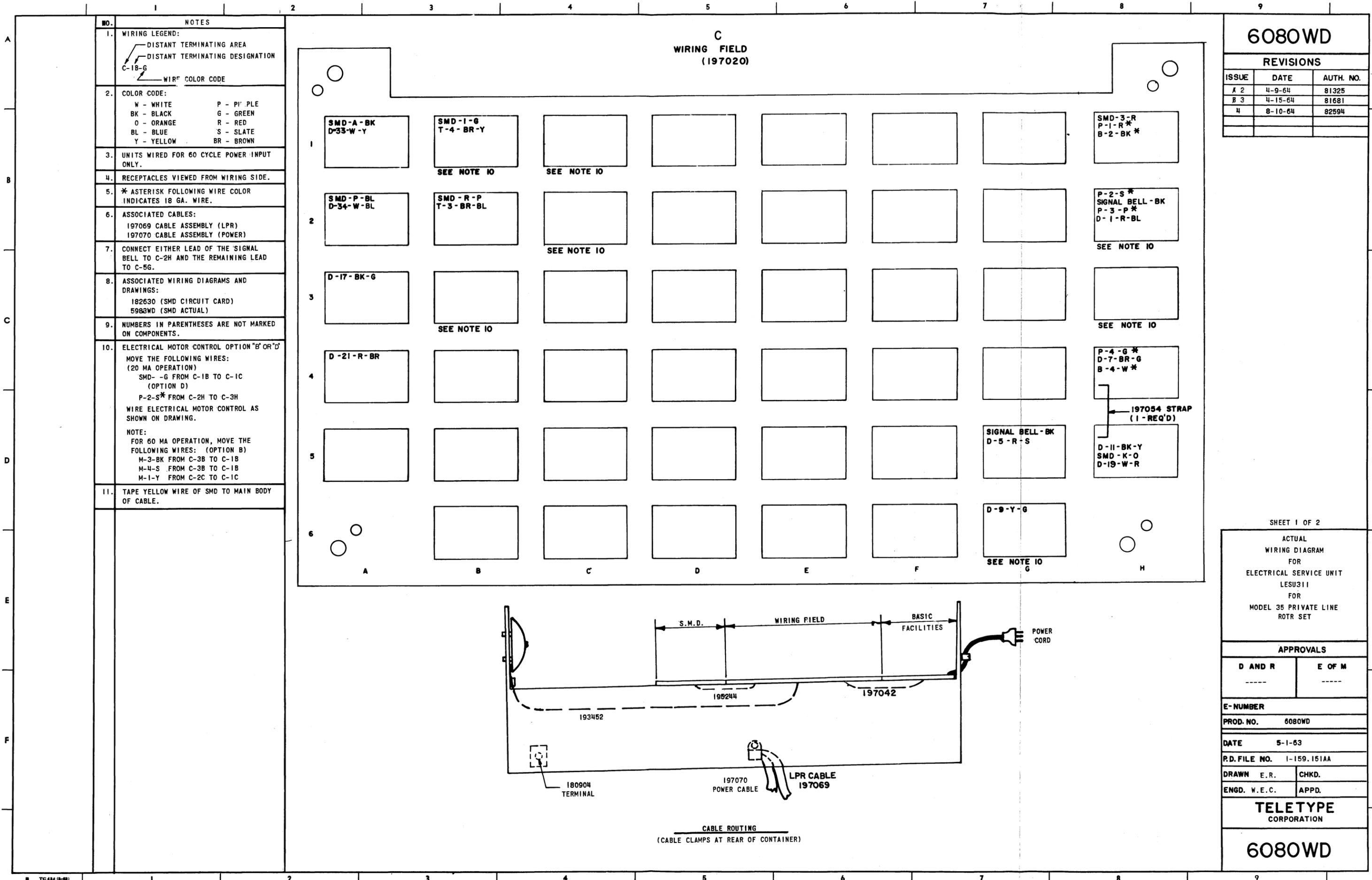
CHKD.

ENGD.

APPD.

TELETYPE CORPORATION

6046WD



- NOTES**
- WIRING LEGEND:**
 - COLOR CODE:**

W - WHITE	P - PINK
BK - BLACK	G - GREEN
O - ORANGE	R - RED
BL - BLUE	S - SLATE
Y - YELLOW	BR - BROWN
 - UNITS WIRED FOR 60 CYCLE POWER INPUT ONLY.
 - RECEPTACLES VIEWED FROM WIRING SIDE.
 - * ASTERISK FOLLOWING WIRE COLOR INDICATES 18 GA. WIRE.
 - ASSOCIATED CABLES:
 197069 CABLE ASSEMBLY (LPR)
 197070 CABLE ASSEMBLY (POWER)
 - CONNECT EITHER LEAD OF THE SIGNAL BELL TO C-2H AND THE REMAINING LEAD TO C-5G.
 - ASSOCIATED WIRING DIAGRAMS AND DRAWINGS:
 182630 (SMD CIRCUIT CARD)
 5982WD (SMD ACTUAL)
 - NUMBERS IN PARENTHESES ARE NOT MARKED ON COMPONENTS.
 - ELECTRICAL MOTOR CONTROL OPTION "B" OR "D"
 MOVE THE FOLLOWING WIRES:
 (20 MA OPERATION)
 SMD - G FROM C-1B TO C-1C (OPTION D)
 P-2-S* FROM C-2H TO C-3H
 WIRE ELECTRICAL MOTOR CONTROL AS SHOWN ON DRAWING.
 NOTE:
 FOR 60 MA OPERATION, MOVE THE FOLLOWING WIRES: (OPTION B)
 M-3-BK FROM C-3B TO C-1B
 M-4-S FROM C-3B TO C-1B
 M-1-Y FROM C-2C TO C-1C
 - TAPE YELLOW WIRE OF SMD TO MAIN BODY OF CABLE.

6080WD

REVISIONS		
ISSUE	DATE	AUTH. NO.
A 2	4-9-64	81325
B 3	4-15-64	81681
4	8-10-64	82594

SHEET 1 OF 2

ACTUAL WIRING DIAGRAM FOR ELECTRICAL SERVICE UNIT LESU311 FOR MODEL 35 PRIVATE LINE ROTR SET

APPROVALS	
D AND R	E OF M
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E-NUMBER

PROD. NO. 6080WD

DATE 5-1-63

P.D. FILE NO. 1-159.151AA

DRAWN E.R.	CHKD.
ENGD. W.E.C.	APPD.

TELETYPE CORPORATION

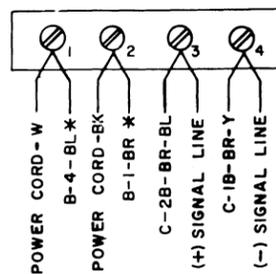
6080WD

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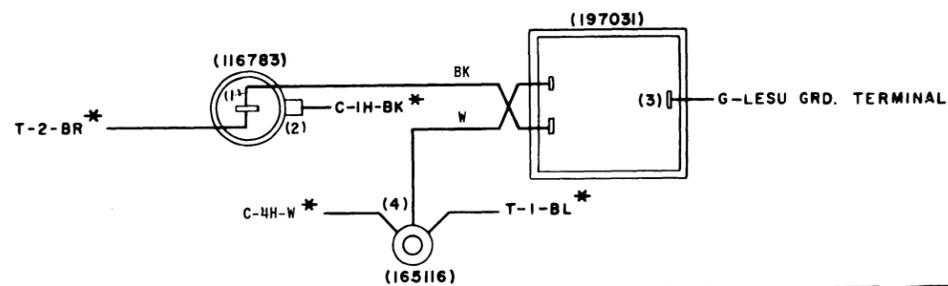
SEE SHEET 1 FOR NOTES.

BASIC FACILITIES ASSEMBLY (197011)

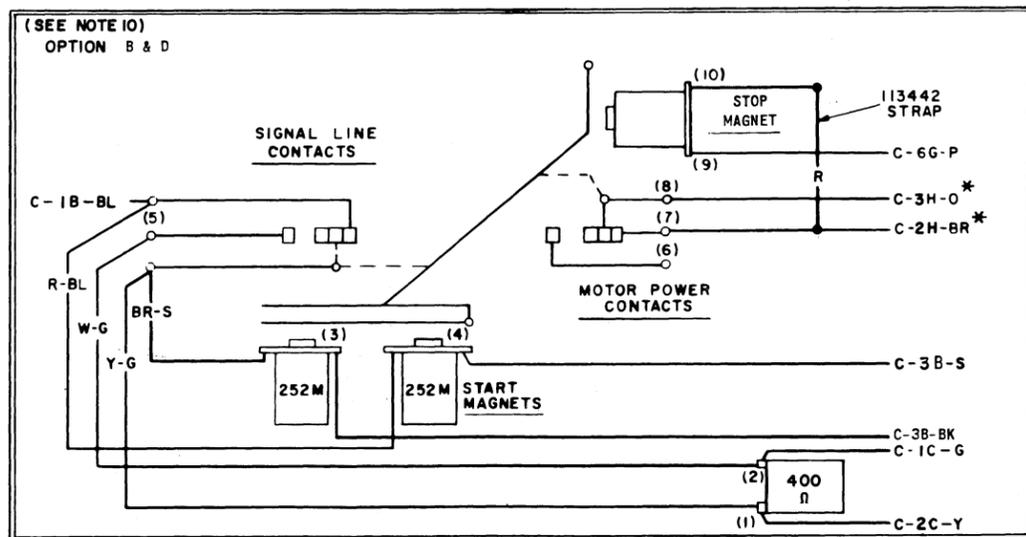
T
POWER & SIGNAL LINE
TERMINAL BLOCK
(151415)



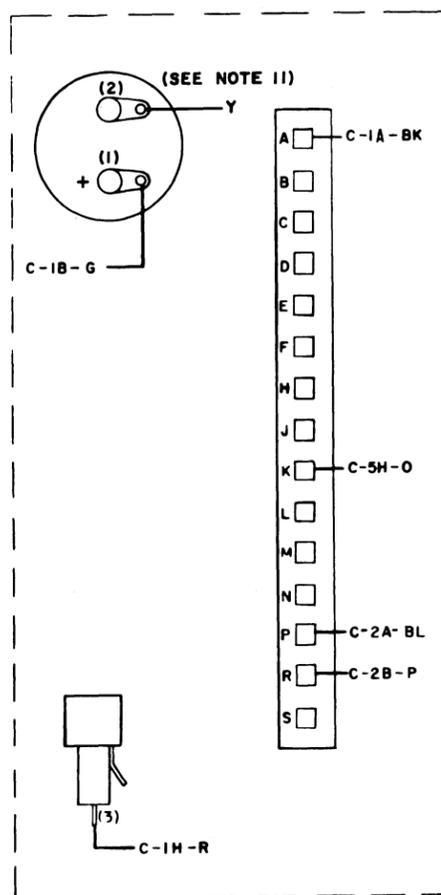
B
CONVENIENCE RECEPTACLE & FUSE



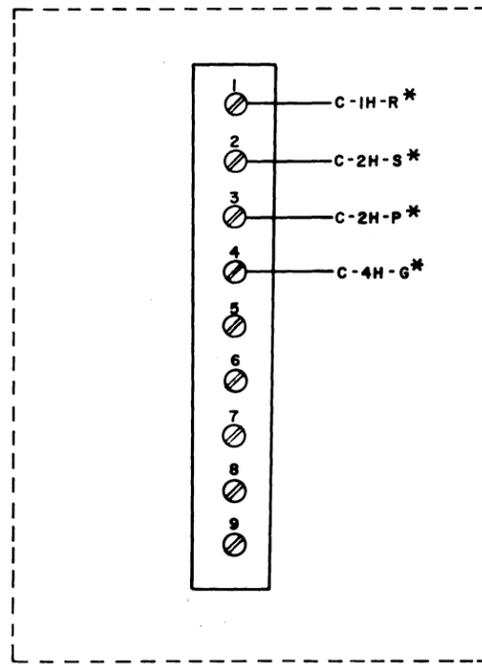
M
ELECTRICAL MOTOR CONTROL ASSEMBLY
(197035)



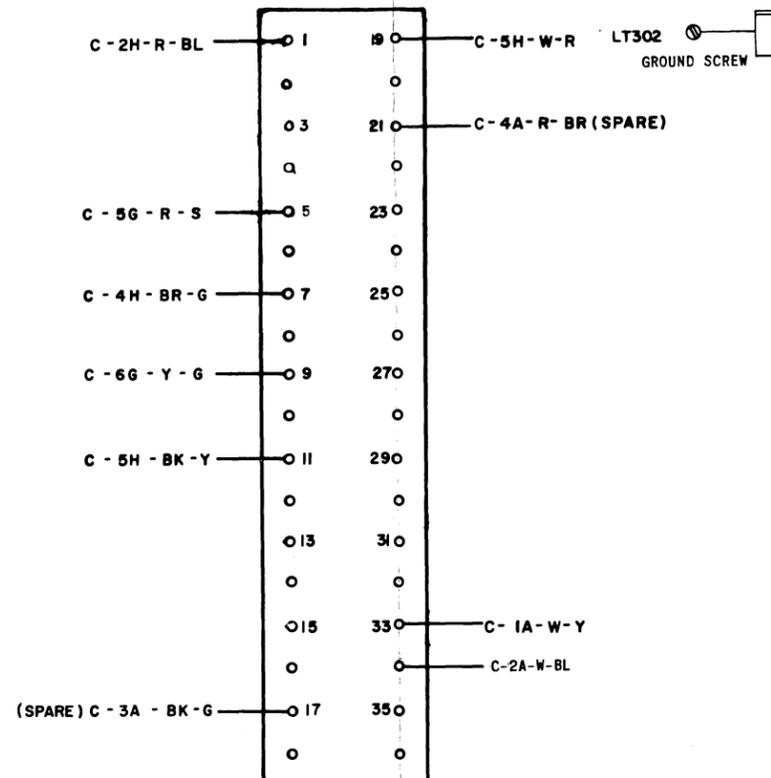
SMD
SELECTOR MAGNET DRIVER
(193485)



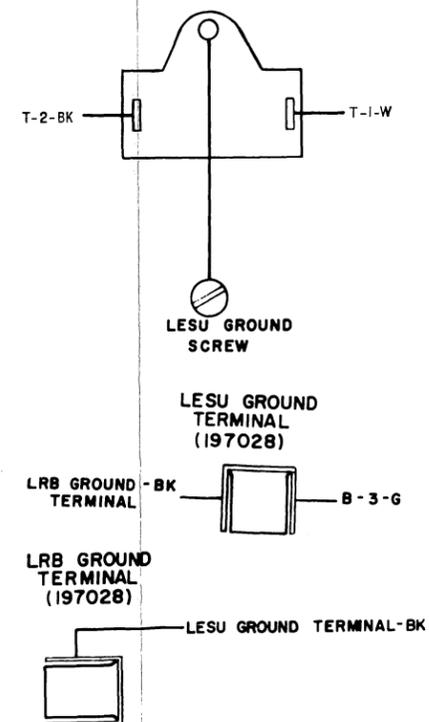
P
LRB POWER
TERMINAL BLOCK
(151411)



D
LPR CONNECTOR
(161239)



POWER CORD
(182510)



6080WD

REVISIONS

ISSUE	DATE	AUTH. NO.
A 2	4-9-64	81325
B 3	4-15-64	81681
4	8-10-64	82594

SHEET 2 OF 2

ACTUAL
WIRING DIAGRAM
FOR
ELECTRICAL SERVICE UNIT
LESU311
FOR
MODEL 35 PRIVATE LINE
ROTR SET

APPROVALS

D AND R	E OF M
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E-NUMBER

PROD. NO. 6080WD

DATE 5-1-63

P.D. FILE NO. 1-159.151AA

DRAWN E.R. CHKD.

ENGD. W.E.C. APPD.

TELETYPE
CORPORATION

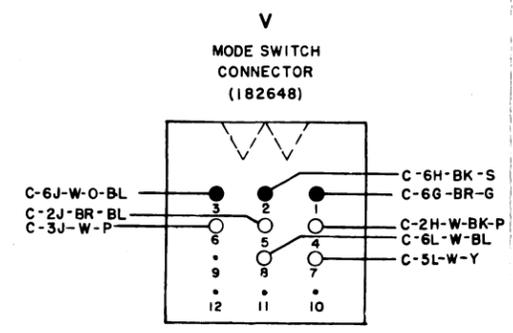
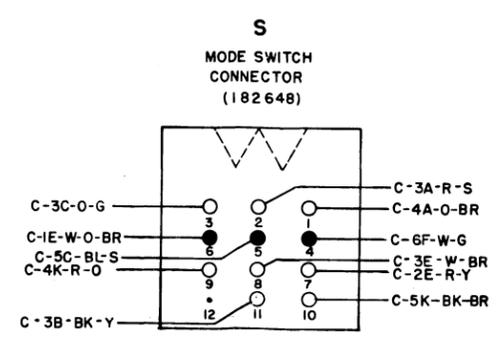
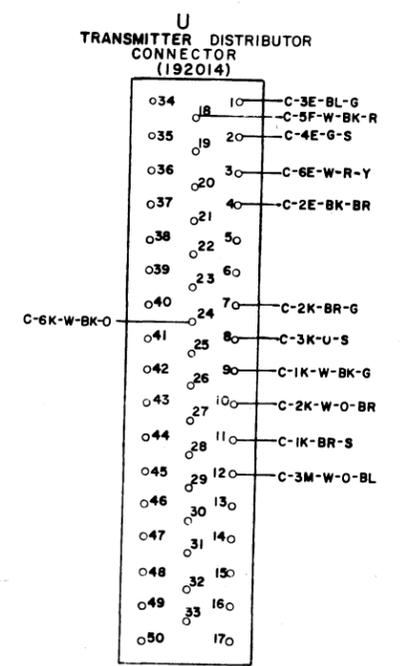
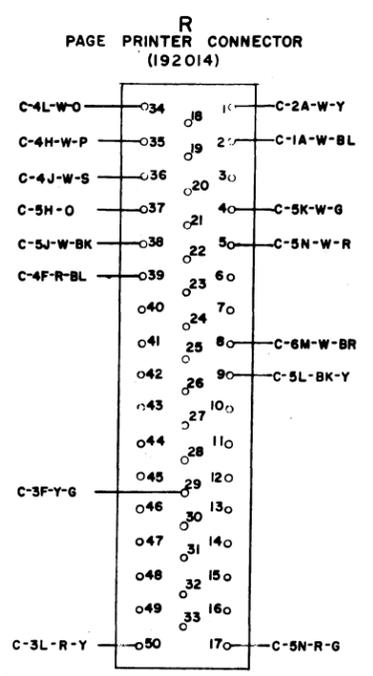
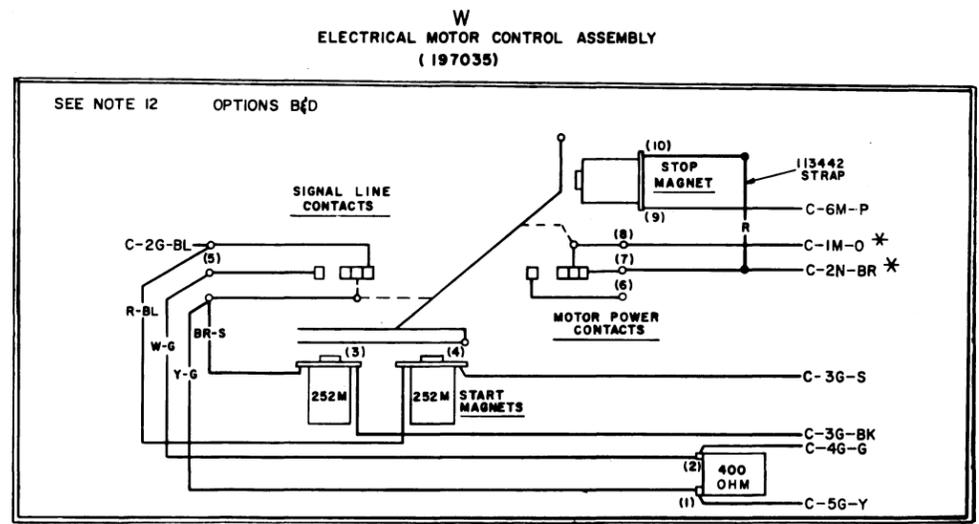
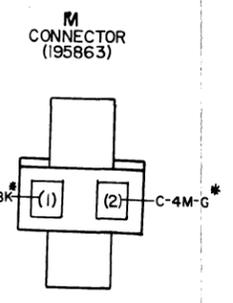
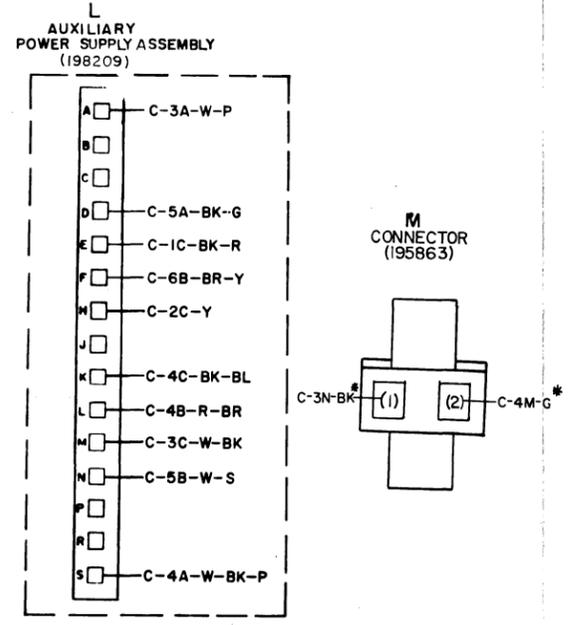
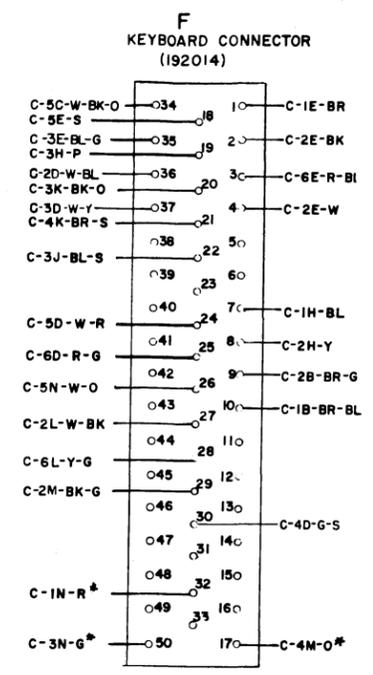
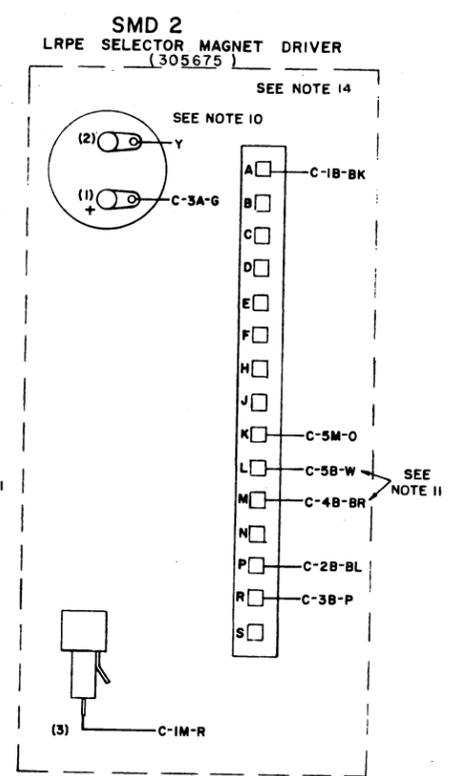
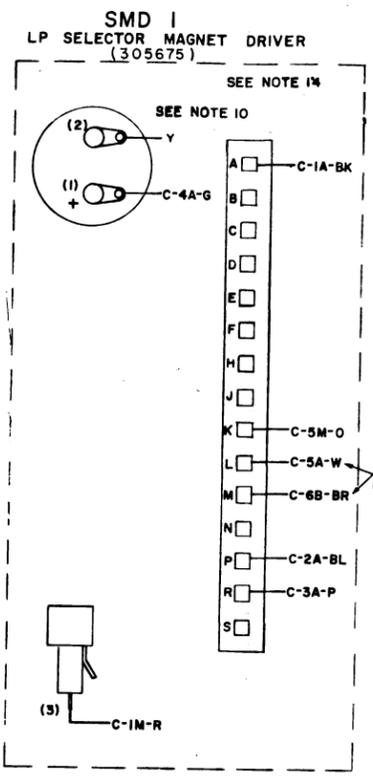
6080WD

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

6394 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
A 2	10-7-63	77538
B 3	1-23-64	79298
C 4	4-6-64	80159
5	6-12-64	82025
6	7-2-64	80159-1
7	9-9-64	83617
8	12-11-64	84597
9	11-25-66	91080
10	5-26-67	94063
11	5-26-67	93296



SEE ISSUE CONTROL RECORD FOR COM-
PLETE LIST OF SHEETS COMPRISING THIS
W.D.

SHEET 1 WDP

ACTUAL
WIRING DIAGRAM
FOR
ELECTRICAL SERVICE UNIT
LESU313 FOR
MODEL 3E
PRIVATE LINE
ASR SET

APPROVALS
D AND R E OF M

E-NUMBER
PROD. NO. 6394WD
DATE 6-13-63
P.D. FILE NO. 1-159-151AA
DRAWN CHKD. J.G.M.
ENGD. W.E.C. APPD. B.G.G.

TELETYPE
CORPORATION

6394 WD

SEE SHEET 1 FOR NOTES.

NOTE:
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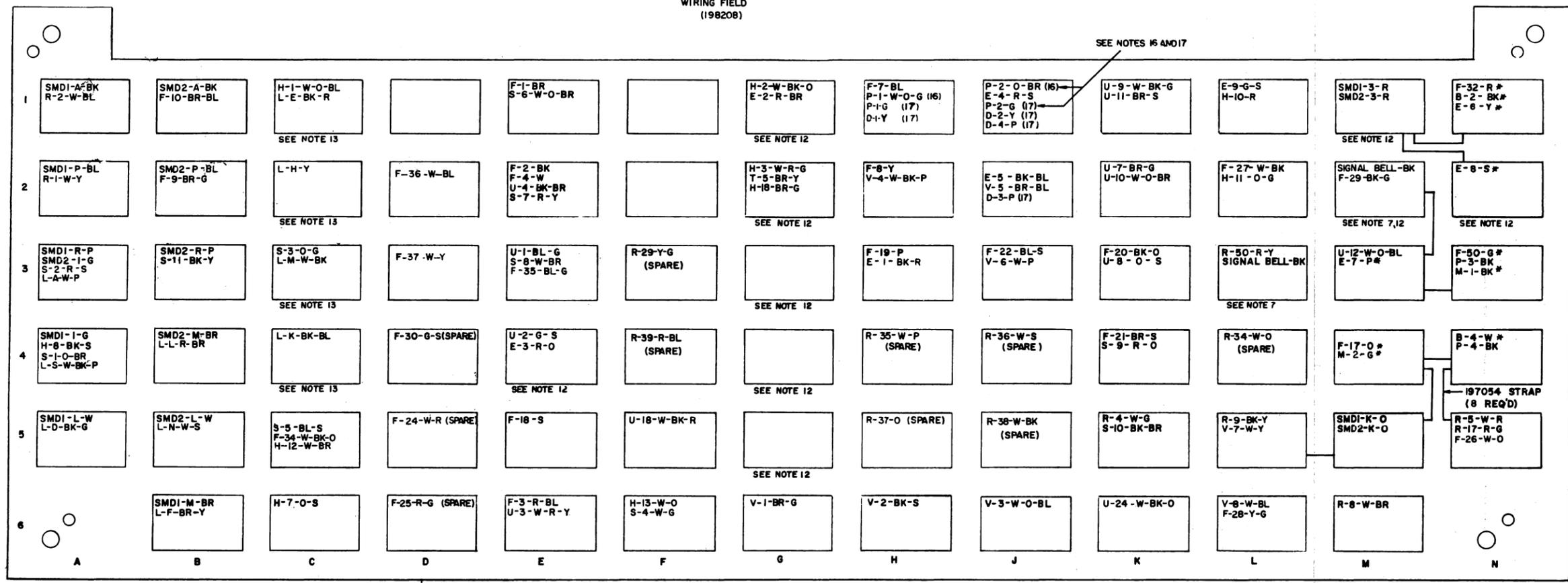
6394WD

REVISIONS

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6	7-2-64	80159-1
7	9-9-64	83617
8	12-11-64	84597
9	11-25-66	91080

C
WIRING FIELD
(198208)

SEE NOTES 16 AND 17



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

SHEET 2

ACTUAL
WIRING DIAGRAM
FOR
ELECTRICAL SERVICE UNIT
LESU313 FOR
MODEL 35
PRIVATE LINE
ASR SET

APPROVALS

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

E-NUMBER

PROD. NO. 6394WD

DATE 6-13-63

P.D. FILE NO. 1-159.151AA

DRAWN

CHKD. J.G.M.

ENGD. W.E.C.

APPD. B.G.G.

TELETYPE
CORPORATION

6394WD

44

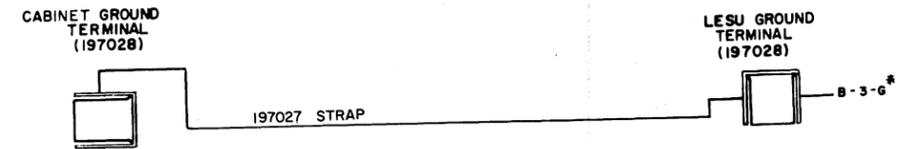
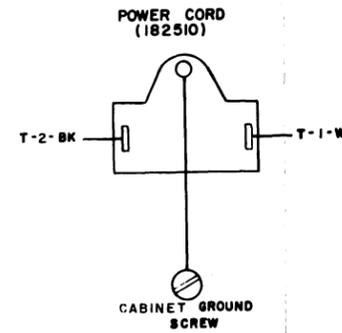
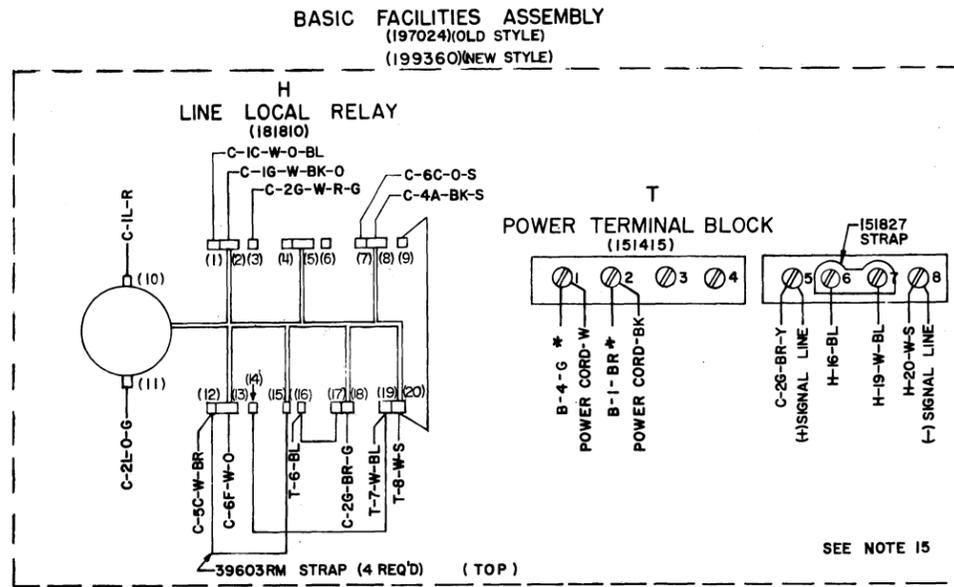
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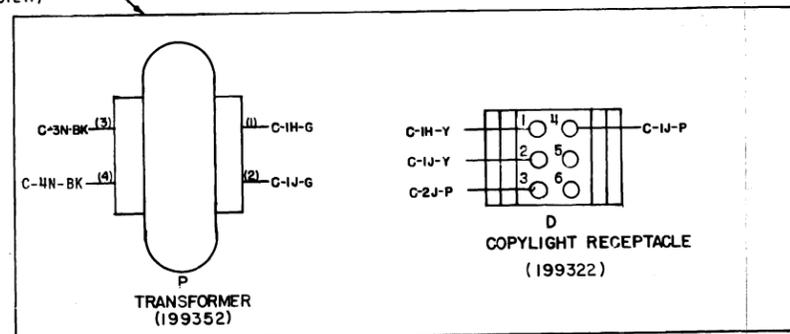
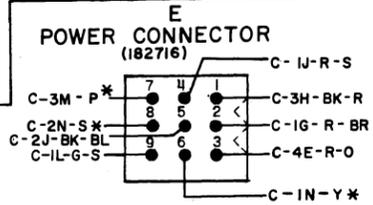
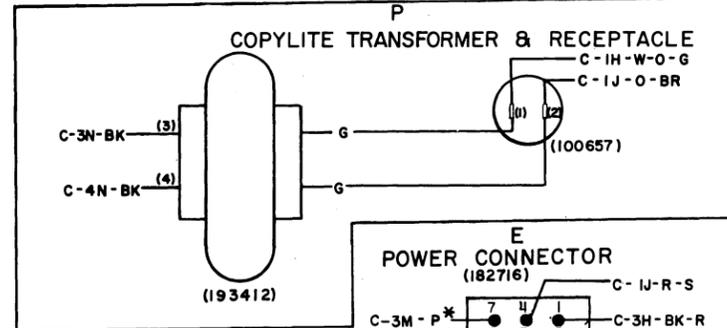
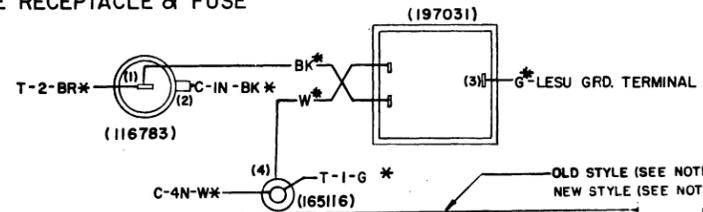
6394 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
A 2	10-7-63	77538
B 3	1-23-64	79290
C 4	4-6-64	80159
5	6-12-64	82025
6	7-2-64	80159-1
7	9-9-64	83617
8	12-11-64	84597
9	11-25-66	91000



B CONVENIENCE RECEPTACLE & FUSE



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

SHEET 3

WDP

ACTUAL WIRING DIAGRAM FOR ELECTRICAL SERVICE UNIT LESU313 FOR MODEL 35 PRIVATE LINE ASR SET

APPROVALS

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

E-NUMBER

PROD. NO. 6394WD

DATE 6-13-63

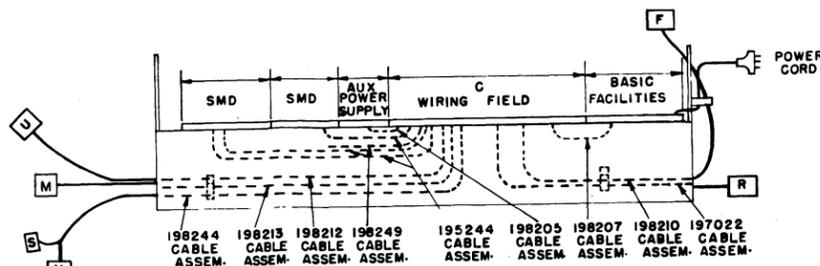
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DRAWN CHKD. J.G.M.

ENGD. W.E.C. APPD. B.G.G.

TELETYPE CORPORATION

6394 WD



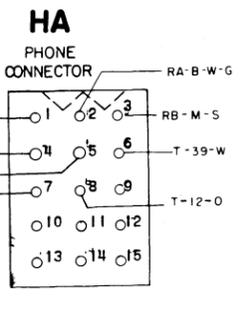
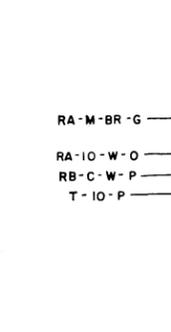
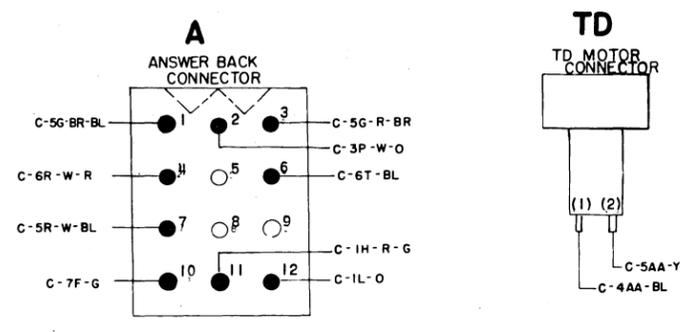
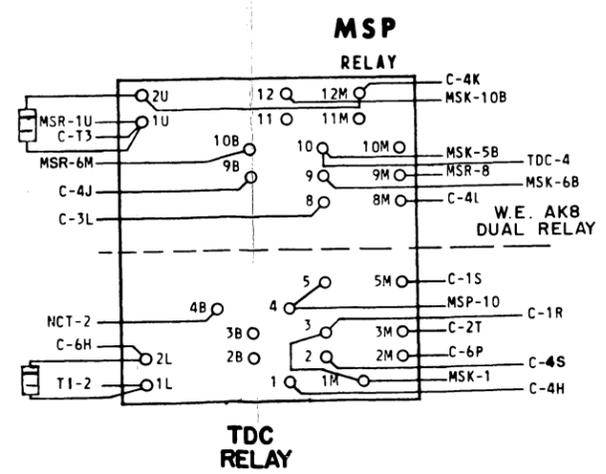
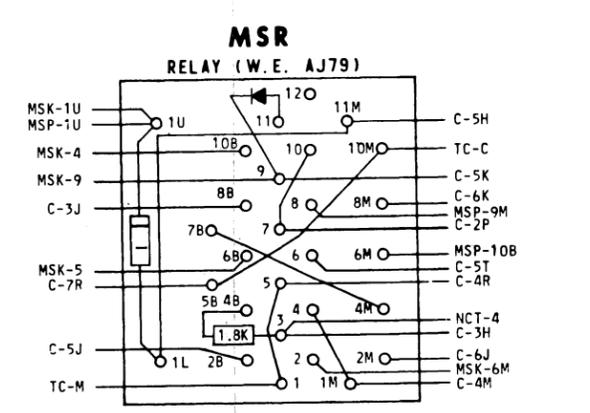
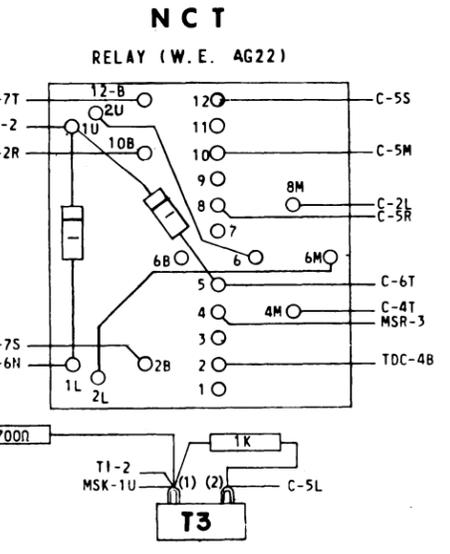
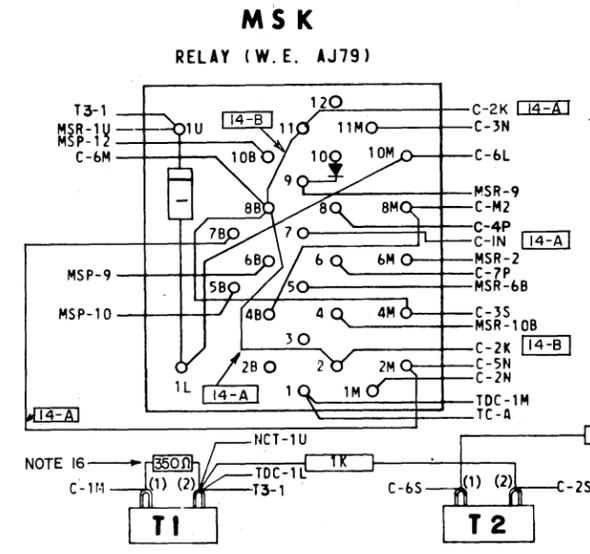
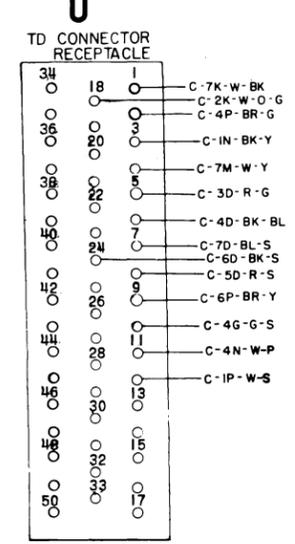
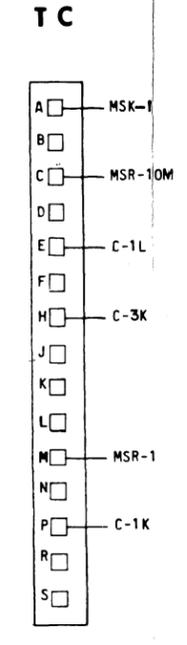
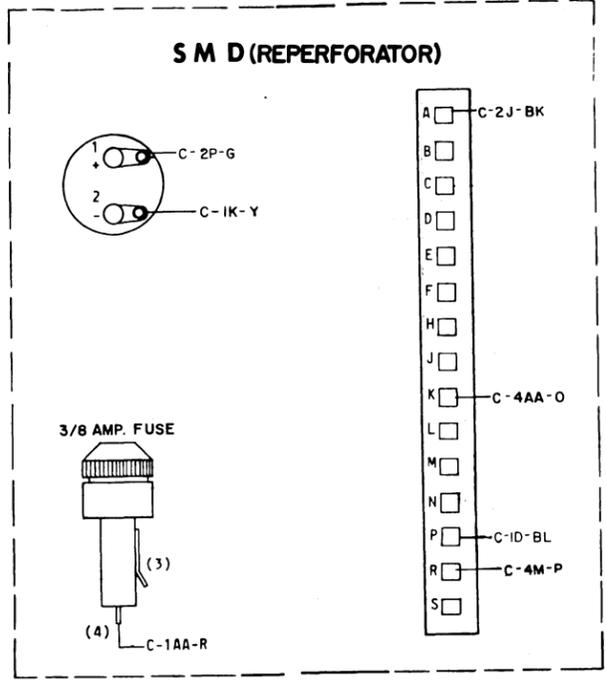
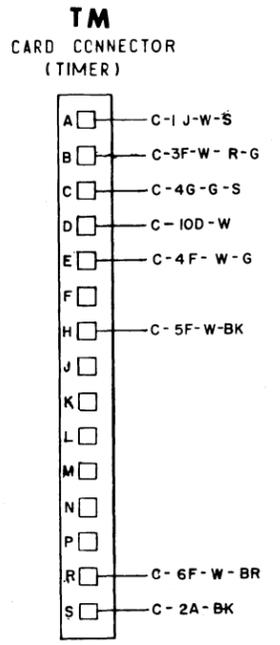
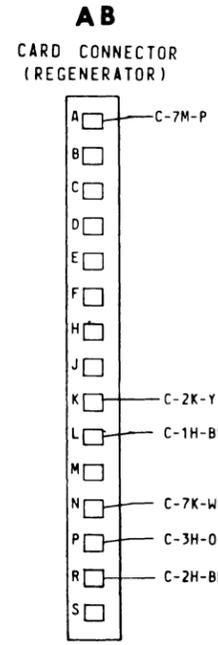
CABLE ROUTING

REVISIONS

ISSUE	DATE	AUTH. NO.
1	8-24-64	14967-R
2	9-10-64	80936
3	9-25-64	80936-1
4	10-2-64	82025-1
5	11-10-64	85029
6	2-16-64	84494
7	3-9-65	85328
8	9-2-65	88068
9	4-3-67	93019
10	8-22-67	94324-B

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

- NO. NOTES**
- WIRING LEGEND:**
 DISTANT TERMINATING AREA
 DISTANT TERMINATING DESIGNATION
 WIRE COLOR CODE
 R-12-BL SEE NOTE 15
 - COLOR CODE:**
 BK - BLACK BL - BLUE
 BR - BROWN W - WHITE
 R - RED S - SLATE
 O - ORANGE P - PURPLE
 Y - YELLOW G - GREEN
 - UNIT WIRED FOR 115V, 60 CYCLE POWER INPUT ONLY.
 - CONNECTORS VIEWED FROM WIRED SIDE.
 - * INDICATES 18 GA. WIRE.
 - CABLE ASSEMBLIES:**
 301742
 301703
 301704
 301772
 301726
 - ASSOCIATED WIRING DIAGRAMS:**
 5983WD ACTUAL (SMD)
 6522WD SCHEMATIC (VCL328)
 - ALL COMPONENT LEADS EXCEPT THE 182520 SILICON RECTIFIERS ARE COVERED BY RM VINYL GLASS TUBING.
 - DENOTES 153631 NETWORK
 - TERMINAL DESIGNATIONS ENCLOSED IN PARENTHESES ARE FOR REFERENCE AND ARE NOT MARKED ON COMPONENT.
 - SHOWS OLD STYLE WIRING WHEN END OF LINE LIGHT IS ON PANEL ADJACENT TO KEYBOARD
 - SHOWS NEW STYLE WIRING WHEN END OF LINE LIGHT IS ON UPPER COVER AT TOP OF LINE GUIDE SHAFT.
 - THIS SCHEMATIC SYMBOL DESIGNATES EITHER OF THE INTERCHANGEABLE PARTS BELOW:
 171541
 182520 CATHODE END
 - WIRING WAS CHANGED TO PROVIDE PROPER MSK RELAY CONTACT OPERATION SEQUENCE WITH 323609 SIGNAL REGENERATOR CIRCUIT CARD. 326635 SPARK SUPPRESSION NETWORK WAS ADDED, AND 198259 STRAP WAS CHANGED TO 326636
 - WIRING STATUS:**
 RECTANGULAR BOX INDICATES HISTORY OF WIRING CHANGES
 B - DENOTES WIRING BEFORE THE CHANGE DESCRIBED BY THE DESIGNATED NOTE ENTERED THE PRODUCT.
 NOTE NUMBER ENTERED THE PRODUCT.
 A - DENOTES WIRING AFTER THE CHANGE DESCRIBED BY THE DESIGNATED NOTE ENTERED THE PRODUCT.
 - 500Ω RESISTOR IS USED IN EARLY DESIGN SETS.
 - 27KΩ RESISTOR IS NOT PRESENT ON SOME SETS.



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

SHEET 1
 ACTUAL WIRING DIAGRAM FOR ELECTRICAL SERVICE UNIT LESU318 MODEL 35 ASR

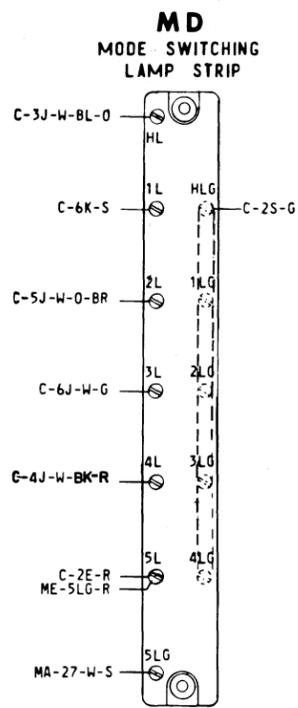
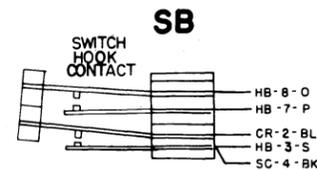
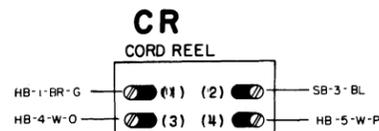
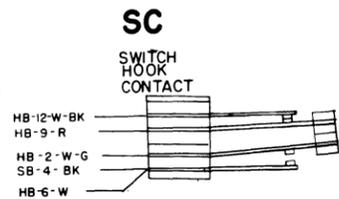
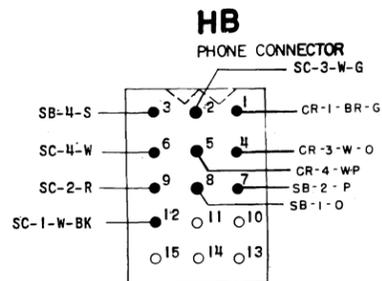
APPROVALS
 D AND R: _____
 E OF M: _____

E-NUMBER
 PROD. NO. 6523WD
 DATE 3-9-64
 P.D. FILE NO. 7-AA219A
 DRAWN DMM/EM CHKD. F.M.
 ENGD. R.L.F. APPD. E.J.C.

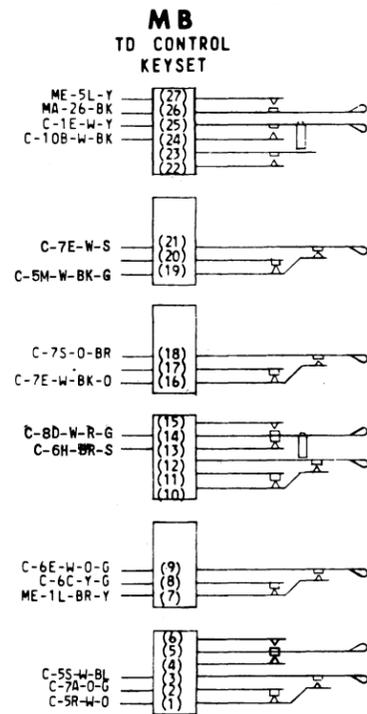
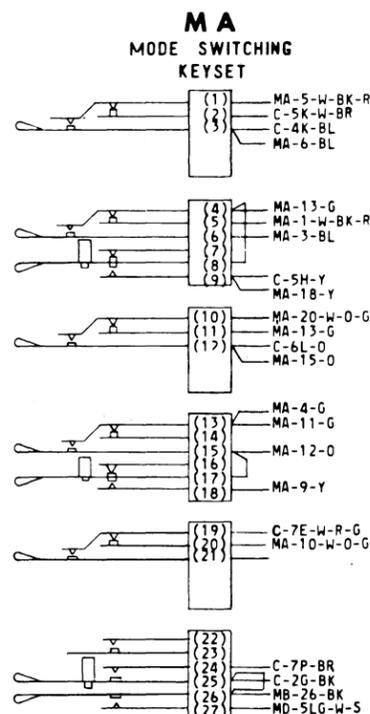
TELETYPE CORPORATION

SEE SHEET 1 FOR NOTES

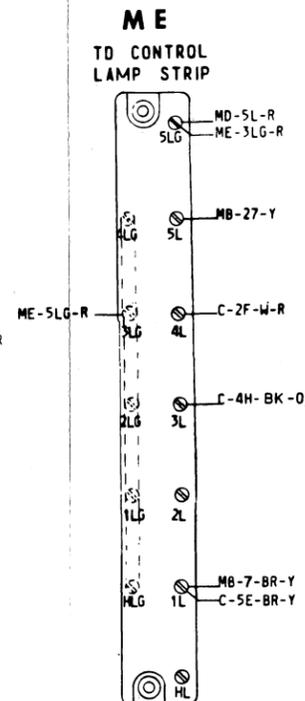
TELEPHONE HAND SET
ASSEMBLY (301677)



TAPE ONLY SEND
TAPE ONLY RECEIVE
K
KT
T
MOTOR ON



READER
CALL IN
AUX PUNCH
ON
READER
ON
READER
OFF
BUZZ
OFF
HERE
IS



6523 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
1	8-24-64	14967-R
2	9-10-64	80936
3	9-25-64	80936-1
4	10-2-64	82025-1
5	11-10-64	85029
6	2-15-64	84494
7	3-9-65	85328

SHEET 2 OF 6

ACTUAL
WIRING DIAGRAM
FOR
ELECTRICAL SERVICE UNIT
LESU318
MODEL 35 ASR

APPROVALS

D AND R
E OF M

E-NUMBER

PROD. NO. 6523WD

DATE 3-9-64

R.D. FILE NO. 7-AA219A

DRAWN DMH/EM CHKD. F.M.

ENGD. R.L.F. APPD. E.J.C.

TELETYPE
CORPORATION

6523 WD

SEE SHEET 1 FOR NOTES.

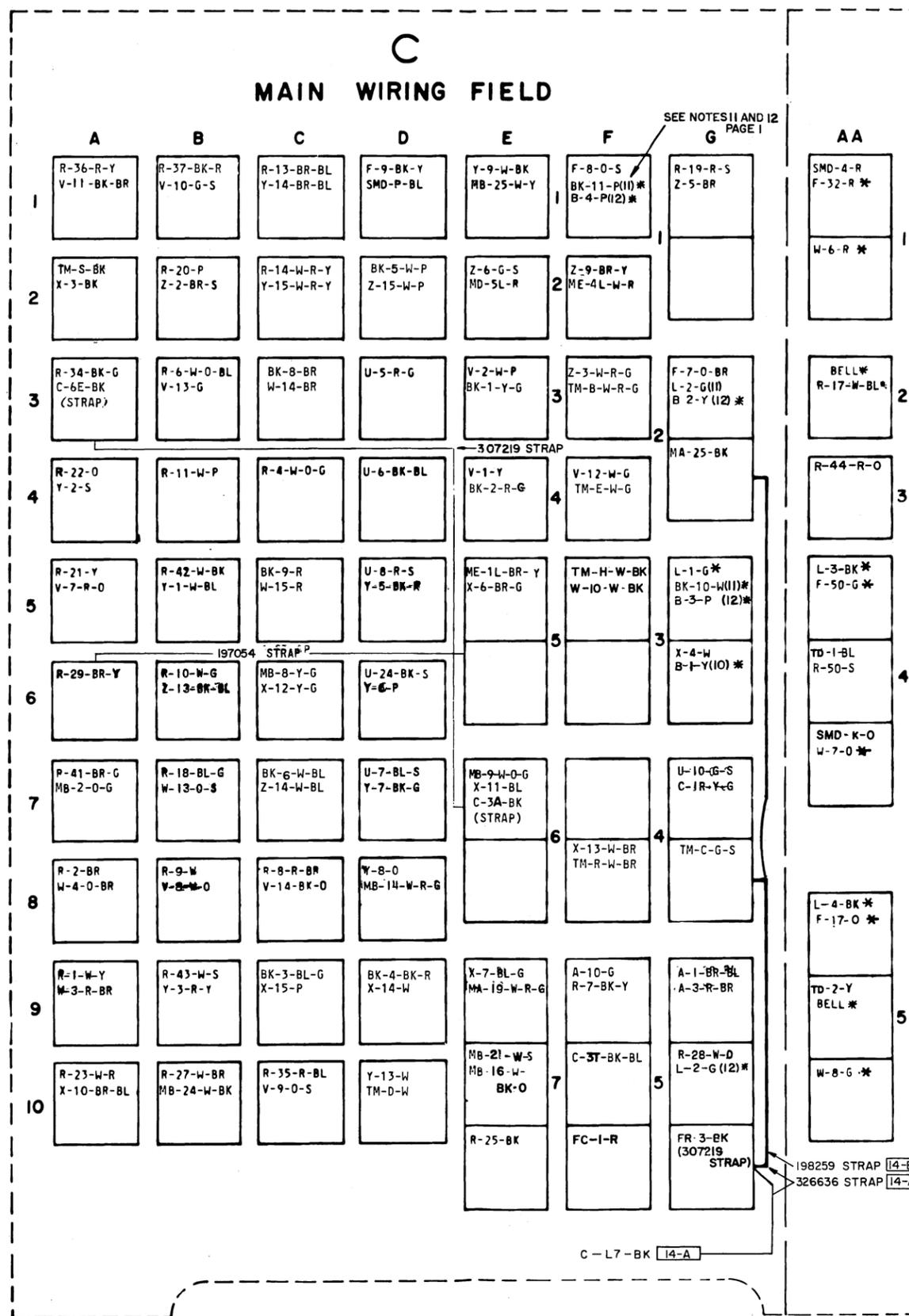
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6523 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
1	8-24-64	14967-R
2	9-10-64	80936
3	10-2-64	82025
4	11-11-64	85029
5	1-19-65	85212
6	2-15-65	84494
7	3-9-65	85290
8	3-9-65	85328
9	4-19-65	85414
10	3-12-66	86296-1
11	4-3-67	93019

C
MAIN WIRING FIELD



SEE ISSUE CONTROL RECORD FOR COM-
PLETE LIST OF SHEETS COMPRISING THIS
W.D.

SHEET 3

ACTUAL
WIRING DIAGRAM
FOR
ELECTRICAL SERVICE UNIT
LESU318
MODEL 35 ASR

APPROVALS

D AND R	E OF M
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E-NUMBER

PROD. NO. 6523WD

DATE 2-14-64

P.D. FILE NO. 7-AA219A

DRAWN H.C. CHKD. F.M.

ENGD. R.L.F. APPD. E.J.C.

TELETYPE
CORPORATION

6523 WD

SEE SHEET 1 FOR NOTES.

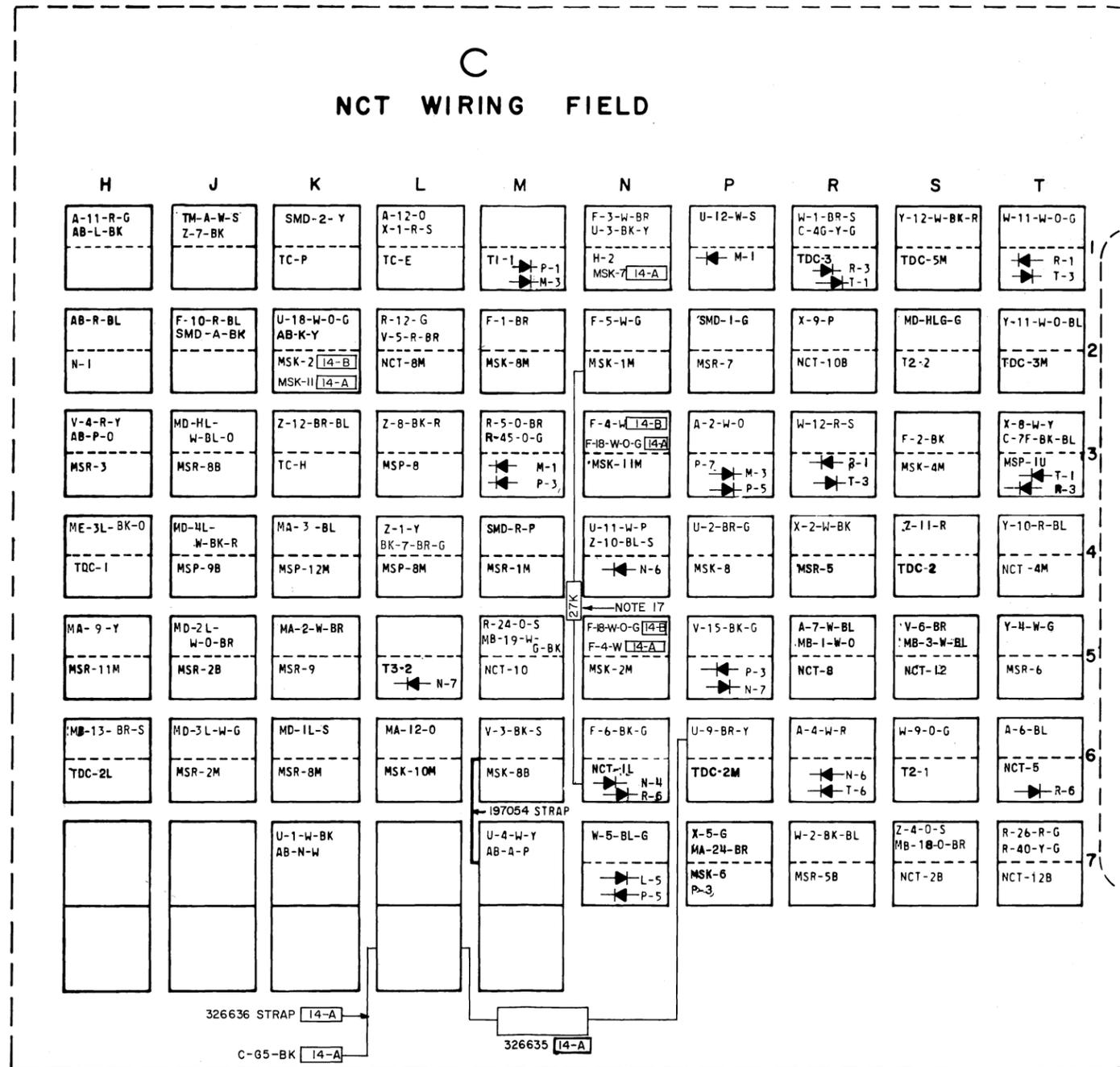
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6523 WD

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7	3-9-65	85290
8	3-9-65	85328
9	4-19-65	85414
10	9-2-65	88068
11	3-12-66	86296-1
12	4-3-67	93019
13	8-22-67	94324-B

C
NCT WIRING FIELD



SEE ISSUE CONTROL RECORD FOR COM-
PLETE LIST OF SHEETS COMPRISING THIS
W.D.

SHEET 4

ACTUAL
WIRING DIAGRAM
FOR
ELECTRICAL SERVICE UNIT
LESU318
MODEL 35 ASR

APPROVALS

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

E-NUMBER

PROD. NO. 6523WD

DATE 2-14-64

P.D. FILE NO. 7-AA219A

DRAWN H.C. CHKD. F.M.

ENGD. R.L.F. APPD. E.J.C.

TELETYPE
CORPORATION

SEE SHEET 1 FOR NOTES.

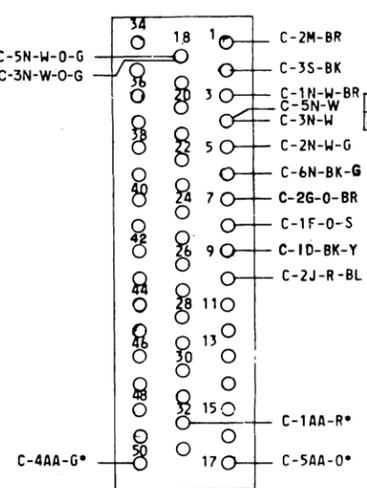
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6523 WD

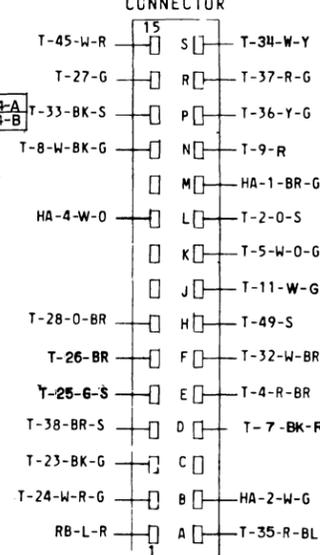
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8	3-9-65	85328
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10	4-3-67	93019

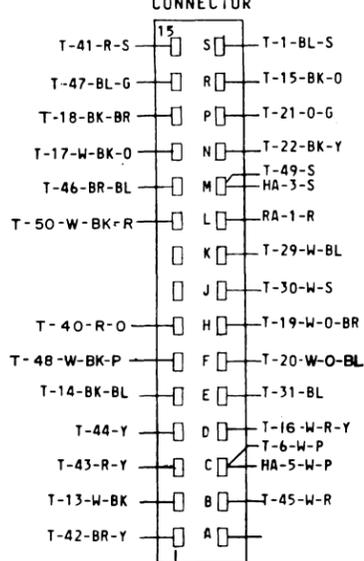
F
KEYBOARD CONNECTOR



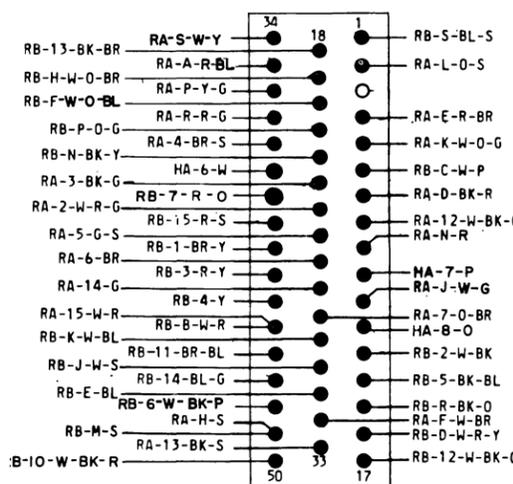
RA
CIRCUIT CARD CONNECTOR



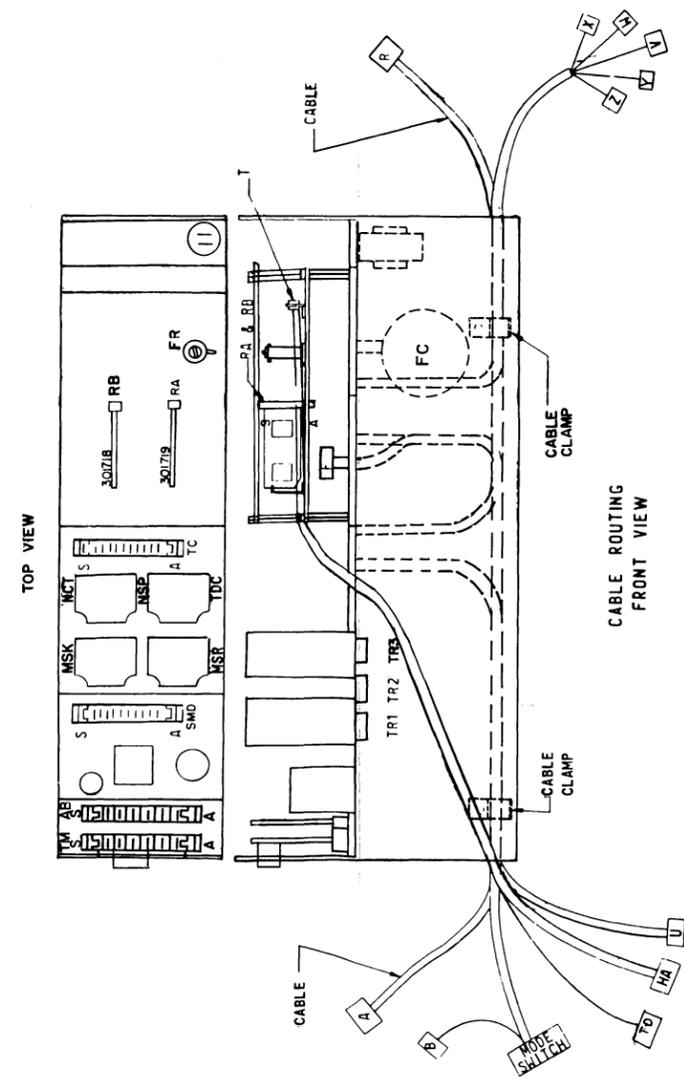
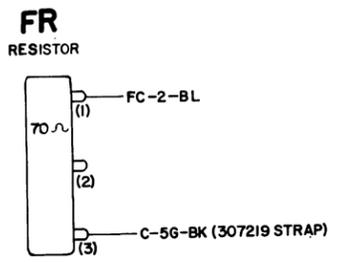
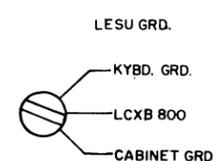
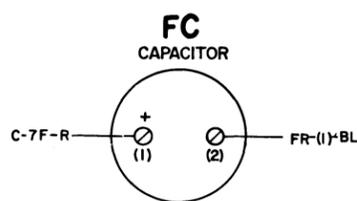
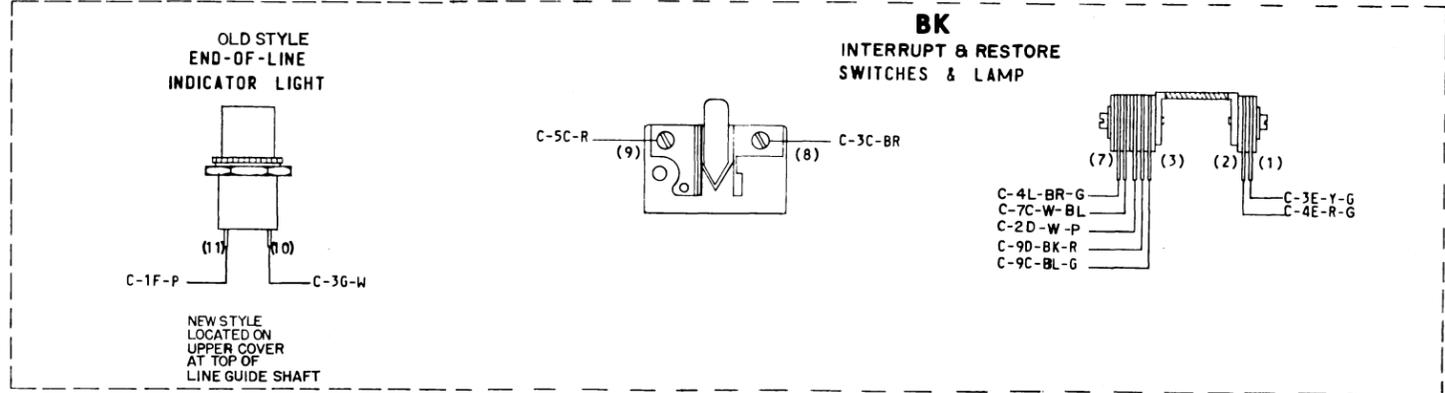
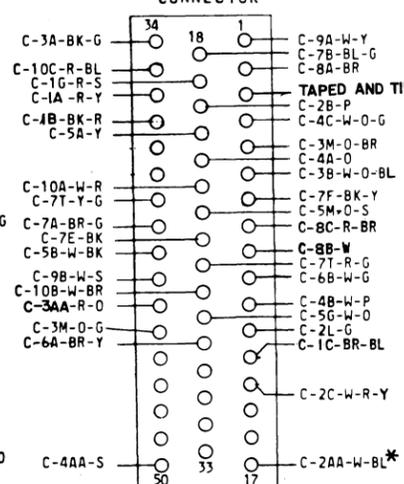
RB
CIRCUIT CARD CONNECTOR



T
CONNECTOR



R
TYPING UNIT CONNECTOR



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

SHEET 6

ACTUAL
WIRING DIAGRAM
FOR
ELECTRICAL SERVICE UNIT
LESU318
MODEL 35 ASR

APPROVALS

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

E-NUMBER

PROD. NO. 6523WD

DATE 3-9-64

P.D. FILE NO. 7-AA219A

DRAWN DMM/EM CHKD. F.M.

ENGD. R.L.F. APPD. E.J.C.

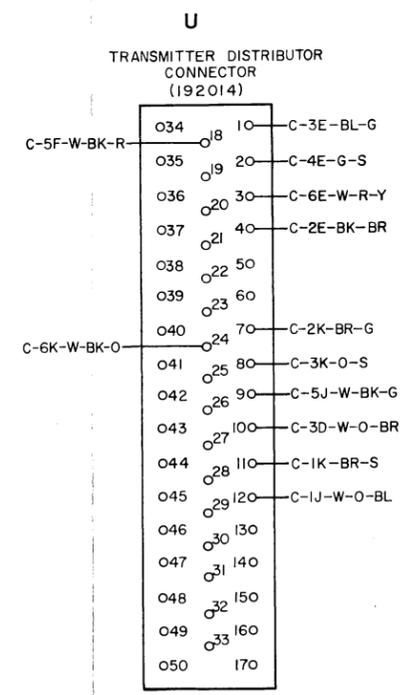
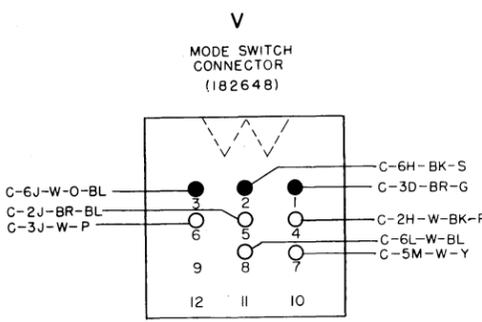
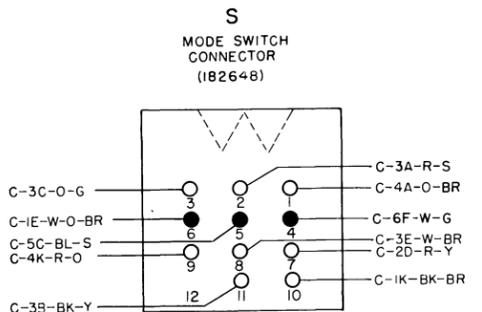
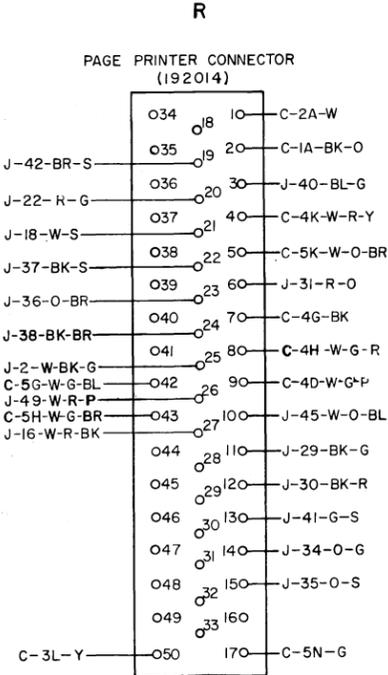
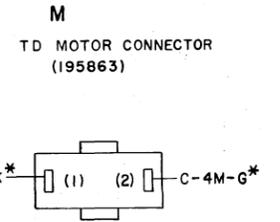
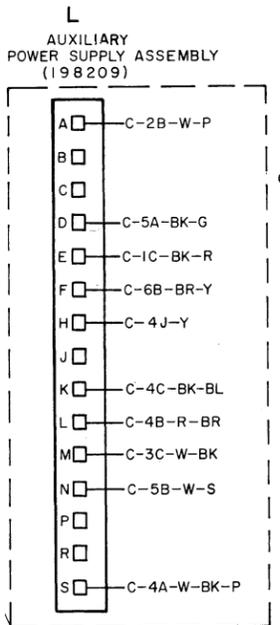
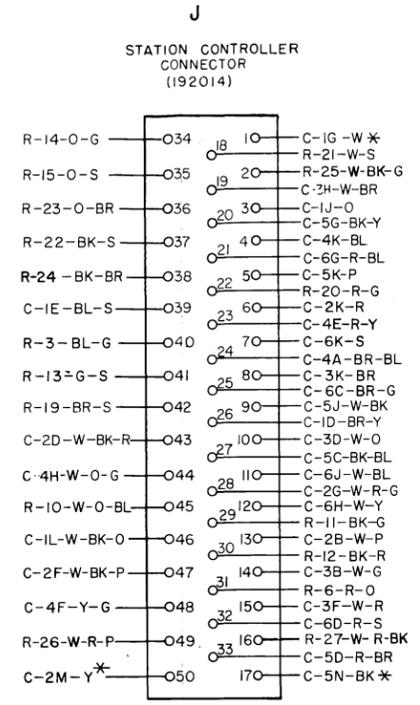
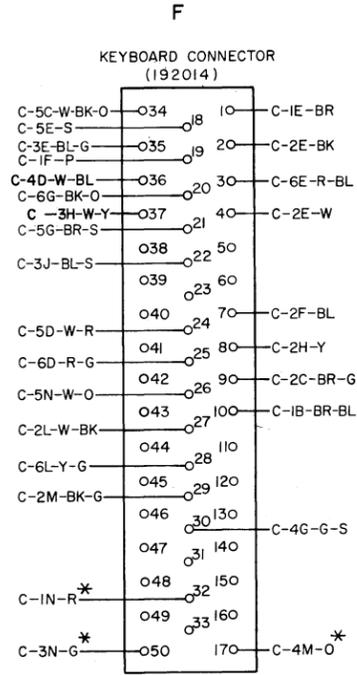
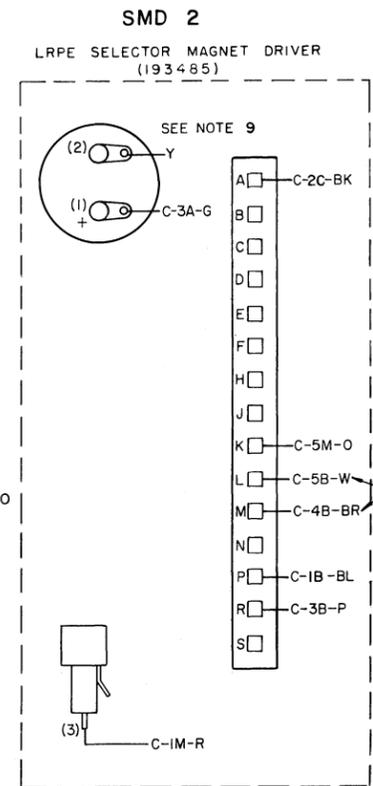
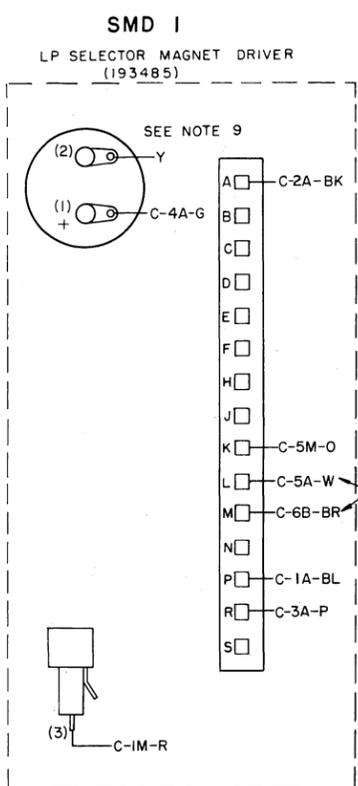
TELETYPE CORPORATION

10 6523 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
2	4-6-64	80159
3	6-16-64	82025
4	8-11-64	82580
5	2-26-65	86062
6	10-11-65	88901
7	1-25-66	89707

- NO. NOTES
1. WIRING LEGEND:
 DISTANT TERMINATING AREA
 DISTANT TERMINATING DESIGNATION
 C-3C-Q WIRE COLOR CODE
 2. UNIT WIRED FOR 60 CYCLE POWER INPUT VOLTAGE ONLY.
 3. CONNECTORS VIEWED FROM WIRING SIDE.
 4. * ASTERISK FOLLOWING WIRE COLOR INDICATES 18 GA. WIRE.
 5. ASSOCIATED CABLES:
 198432 CABLE ASSEMBLY (PAGE PRINTER)
 198210 CABLE ASSEMBLY (KEYBOARD)
 198212 CABLE ASSEMBLY (TRANS. DISTRIBUTOR)
 198213 CABLE ASSEMBLY (TD MOTOR)
 197029 CABLE ASSEMBLY (BASIC FACILITIES)
 198244 CABLE ASSEMBLY (MODE SWITCH)
 198205 CABLE ASSEMBLY (AUX. POWER SUPPLY)
 198249 CABLE ASSEMBLY (SMD SUPPLEMENT)
 6. CONNECT EITHER LEAD OF THE SIGNAL BELL TO C-2M AND THE REMAINING LEAD TO C-3L AS INDICATED WHEN THE LESU IS INSTALLED.
 7. ASSOCIATED WIRING DIAGRAMS AND DRAWINGS:
 182630 (SMD CIRCUIT CARD)
 5983WD (SMD ACTUAL)
 6380WD (POWER PANEL ACTUAL)
 6903WD (MODE SWITCH PANEL ACTUAL)
 198248 (AUXILIARY POWER CIRCUIT CARD)
 8. NUMBERS IN PARENTHESES ARE NOT MARKED ON COMPONENTS.
 9. TAPE YELLOW WIRES ON SMD'S TO MAIN BODY OF CABLE.
 10. THE WIRES COMPRISE THE 198249 CABLE.
 11. SET WIRED FOR HALF DUPLEX OPERATION. FOR FULL DUPLEX OPERATION, REMOVE THE STRAP BETWEEN TERMINALS T6 AND T7 AND WIRE AS FOLLOWS:
 RECEIVE LOOP SEND LOOP
 (+) T7 (+) T5
 (-) T8 (-) T6
 12. SHOWS WIRING WHEN END OF LINE LIGHT IS ON PANEL ADJACENT TO KEYBOARD.
 13. SHOWS WIRING WHEN END OF LINE LIGHT IS ON UPPER COVER AT TOP OF LINE GUIDE SHAFT.



SHEET 1 OF 3

ACTUAL WIRING DIAGRAM FOR ELECTRICAL SERVICE UNIT LESU315 FOR MODEL 35 8A1 AND 8B1 DATA SELECTIVE CALLING SYSTEM ASR SET

APPROVALS

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

E-NUMBER

PROD. NO. 6935WD

DATE 8-10-63

P.D. FILE NO. 1-159.151AA

DRAWN

CHKD.

ENGD. W.E.C.

APPD.

TELETYPE CORPORATION

6935'1/D

SEE SHEET 1 FOR NOTES.

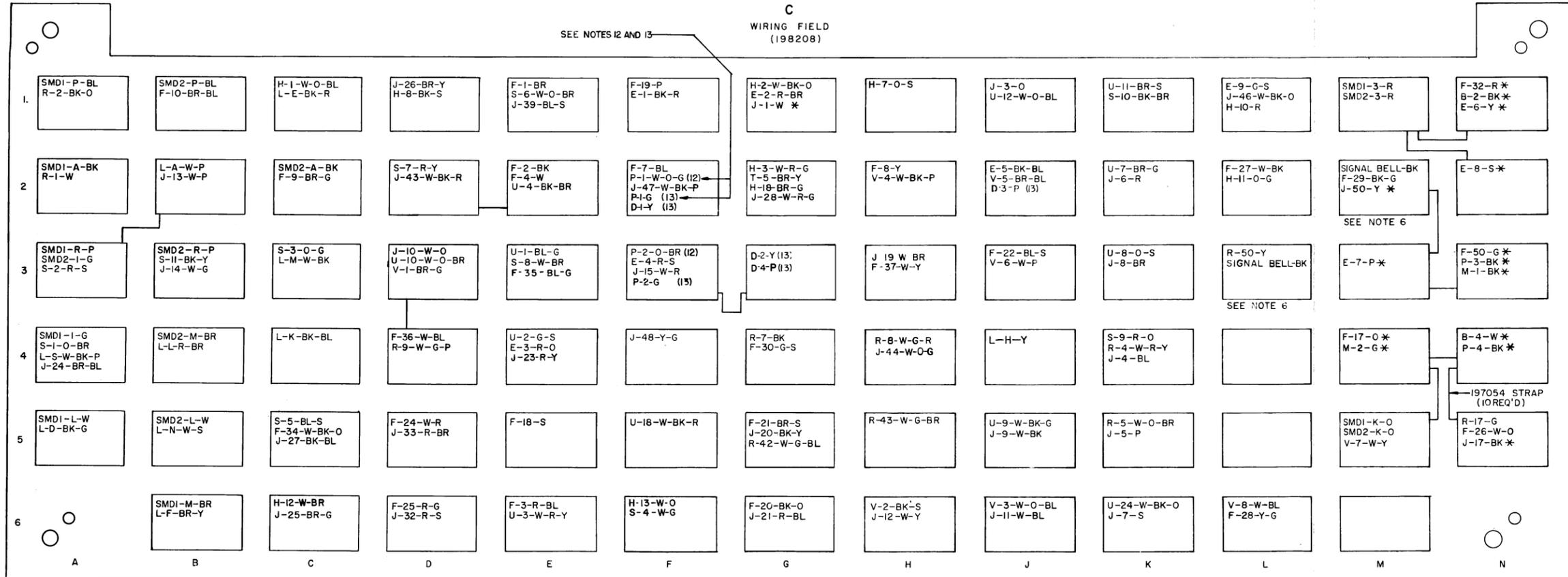
6935 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
2	4-6-64	80159
3	6-16-64	82025
4	8-11-64	82580
5	2-26-65	86062
6	5-21-65	87140
7	1-25-66	89707

C
WIRING FIELD
(198208)

SEE NOTES 12 AND 13



SHEET 2 OF 3

ACTUAL
WIRING DIAGRAM
FOR
ELECTRICAL SERVICE UNIT
LESU315
FOR
MODEL 35
1A SELECTIVE CALLING
ASR SET

APPROVALS

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

E-NUMBER

PROD. NO. 6935WD

DATE 8-10-63

P.D. FILE NO. 1-159.151AA

DRAWN

CHKD.

ENGD. W.E.C.

APPD.

TELETYPE
CORPORATION

6935WD

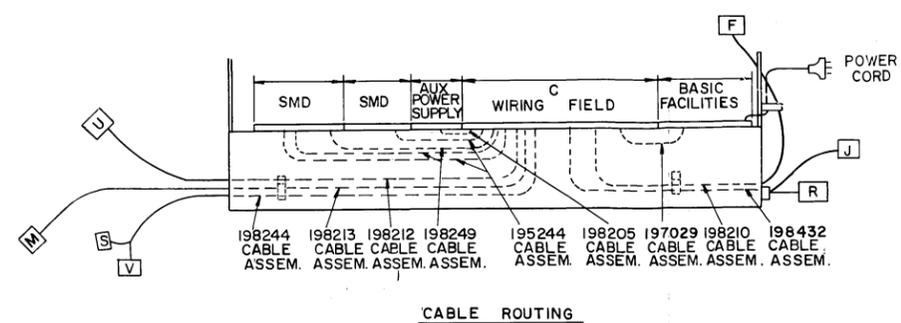
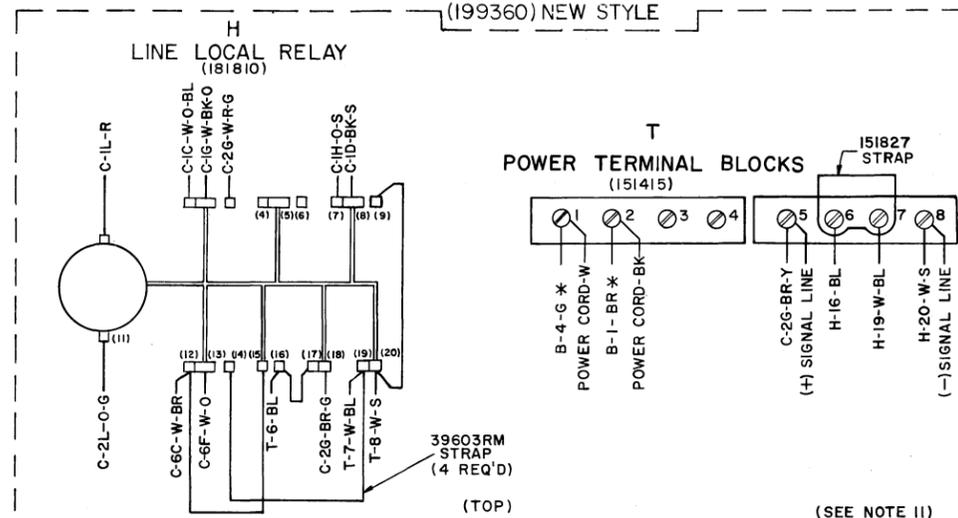
SEE SHEET 1 FOR NOTES.

6935WD

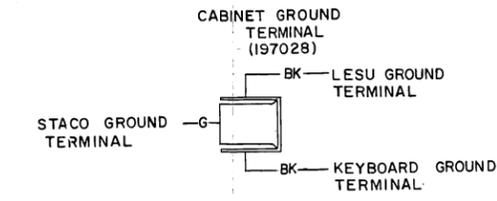
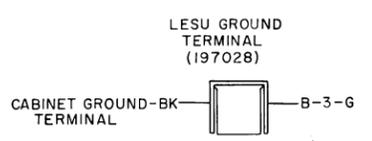
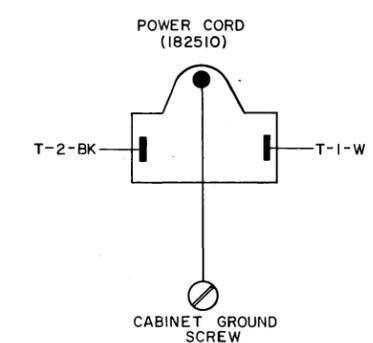
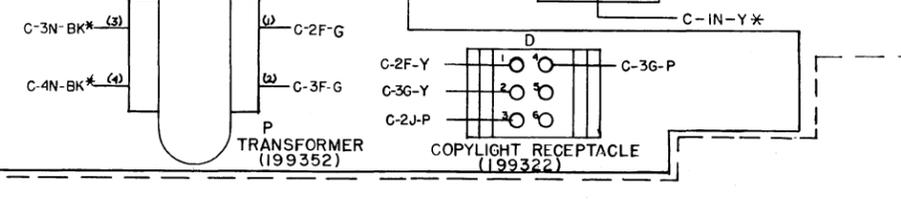
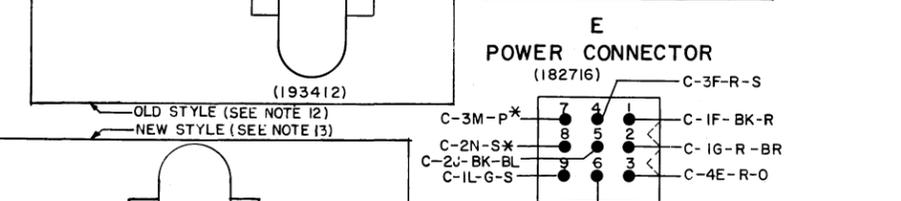
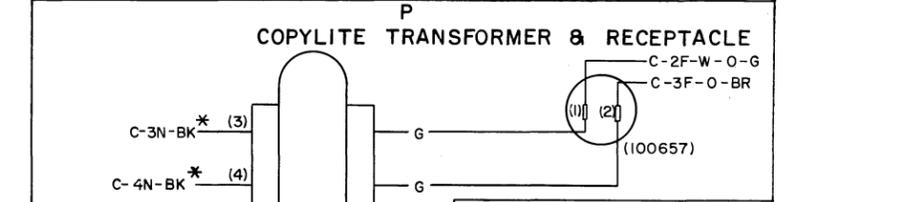
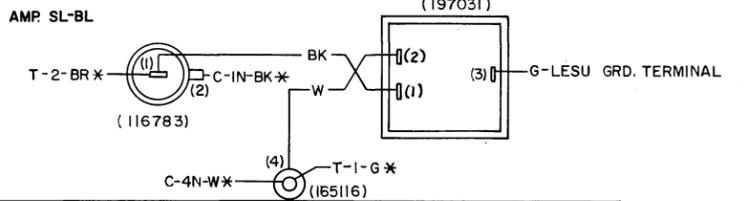
REVISIONS

ISSUE	DATE	AUTH. NO.
# 2	4-6-64	80159
3	6-16-64	82025
4	8-11-64	82580
5	2-26-65	86062
6	5-21-65	87140

BASIC FACILITIES ASSEMBLY
(197024) OLD STYLE
(199360) NEW STYLE



CONVENIENCE RECEPTACLE & FUSE
6 1/4 AMP SL-BL



SHEET 3 OF 3

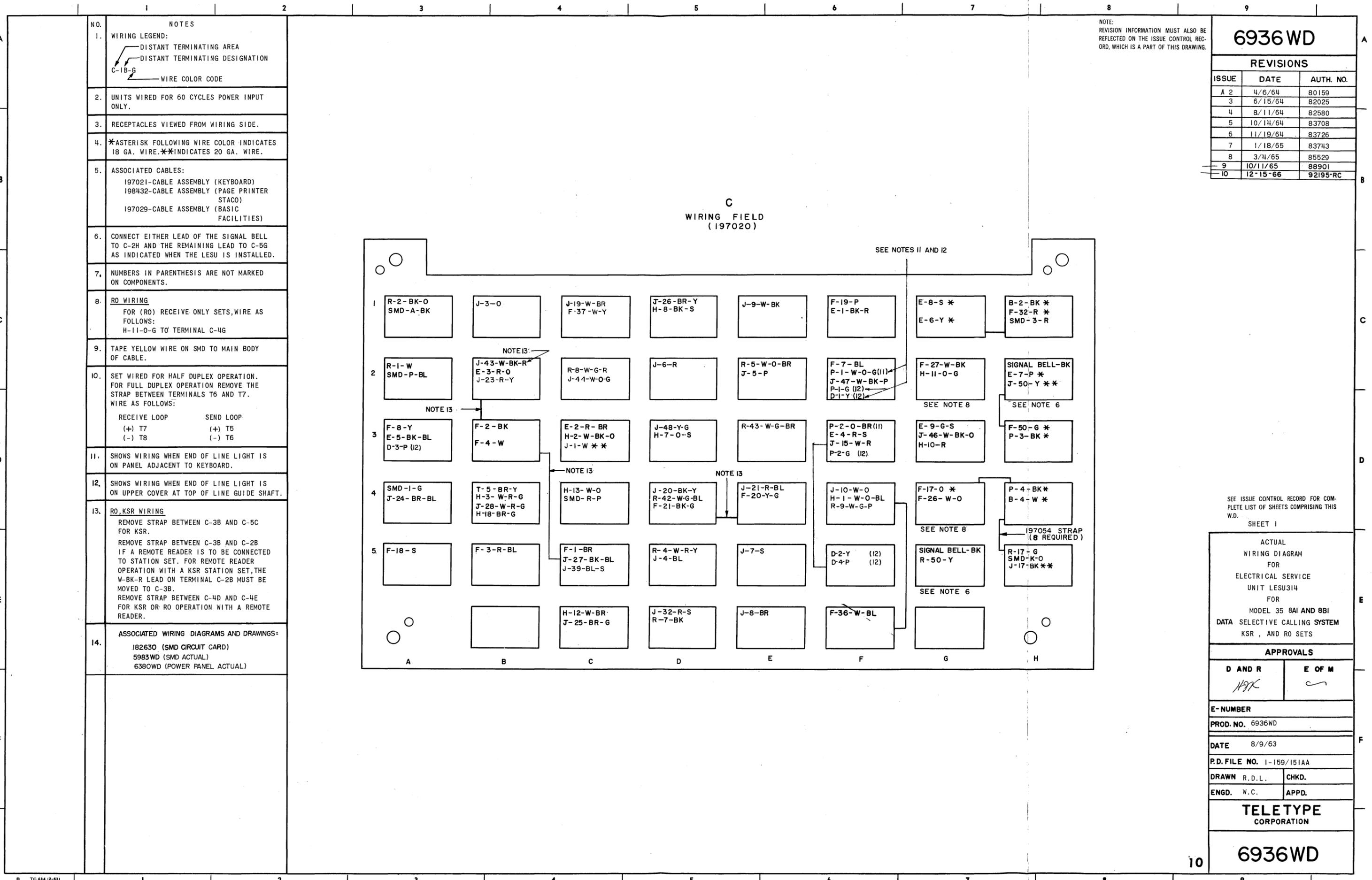
ACTUAL WIRING DIAGRAM FOR ELECTRICAL SERVICE UNIT LESU315 FOR MODEL 35 1A SELECTIVE CALLING ASR SET

APPROVALS

D AND R	E OF M
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E-NUMBER	
PROD. NO. 6935WD	
DATE 8-10-63	
P.D. FILE NO. I-159.151AA	
DRAWN	CHKD.
ENGD. W.E.C.	APPD.

TELETYPE CORPORATION

6935WD



- NOTES**
1. **WIRING LEGEND:**
 2. UNITS WIRED FOR 60 CYCLES POWER INPUT ONLY.
 3. RECEPTACLES VIEWED FROM WIRING SIDE.
 4. *ASTERISK FOLLOWING WIRE COLOR INDICATES 18 GA. WIRE. **INDICATES 20 GA. WIRE.
 5. ASSOCIATED CABLES:
 197021-CABLE ASSEMBLY (KEYBOARD)
 198432-CABLE ASSEMBLY (PAGE PRINTER STACO)
 197029-CABLE ASSEMBLY (BASIC FACILITIES)
 6. CONNECT EITHER LEAD OF THE SIGNAL BELL TO C-2H AND THE REMAINING LEAD TO C-5G AS INDICATED WHEN THE LESU IS INSTALLED.
 7. NUMBERS IN PARENTHESIS ARE NOT MARKED ON COMPONENTS.
 8. **RO WIRING**
 FOR (RO) RECEIVE ONLY SETS, WIRE AS FOLLOWS:
 H-11-0-G TO TERMINAL C-4G
 9. TAPE YELLOW WIRE ON SMD TO MAIN BODY OF CABLE.
 10. SET WIRED FOR HALF DUPLEX OPERATION. FOR FULL DUPLEX OPERATION REMOVE THE STRAP BETWEEN TERMINALS T6 AND T7. WIRE AS FOLLOWS:

RECEIVE LOOP	SEND LOOP
(+) T7	(+) T5
(-) T8	(-) T6
 11. SHOWS WIRING WHEN END OF LINE LIGHT IS ON PANEL ADJACENT TO KEYBOARD.
 12. SHOWS WIRING WHEN END OF LINE LIGHT IS ON UPPER COVER AT TOP OF LINE GUIDE SHAFT.
 13. **RO, KSR WIRING**
 REMOVE STRAP BETWEEN C-3B AND C-5C FOR KSR.
 REMOVE STRAP BETWEEN C-3B AND C-2B IF A REMOTE READER IS TO BE CONNECTED TO STATION SET. FOR REMOTE READER OPERATION WITH A KSR STATION SET, THE W-BK-R LEAD ON TERMINAL C-2B MUST BE MOVED TO C-3B.
 REMOVE STRAP BETWEEN C-4D AND C-4E FOR KSR OR RO OPERATION WITH A REMOTE READER.
 14. ASSOCIATED WIRING DIAGRAMS AND DRAWINGS:-
 182630 (SMD CIRCUIT CARD)
 5983WD (SMD ACTUAL)
 6380WD (POWER PANEL ACTUAL)

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

6936 WD		
REVISIONS		
ISSUE	DATE	AUTH. NO.
A 2	4/6/64	80159
3	6/15/64	82025
4	8/11/64	82580
5	10/14/64	83708
6	11/19/64	83726
7	1/18/65	83743
8	3/4/65	85529
9	10/11/65	88901
10	12-15-66	92195-RC

SEE ISSUE CONTROL RECORD FOR COMPLETE LIST OF SHEETS COMPRISING THIS W.D.
SHEET 1

ACTUAL
WIRING DIAGRAM
FOR
ELECTRICAL SERVICE
UNIT LESU314
FOR
MODEL 35 8AI AND 8BI
DATA SELECTIVE CALLING SYSTEM
KSR, AND RO SETS

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

E-NUMBER

PROD. NO. 6936WD

DATE 8/9/63

P.D. FILE NO. 1-159/151AA

DRAWN R.D.L.	CHKD.
ENGD. W.C.	APPD.

TELETYPE CORPORATION

SEE SHEET 1 FOR NOTES

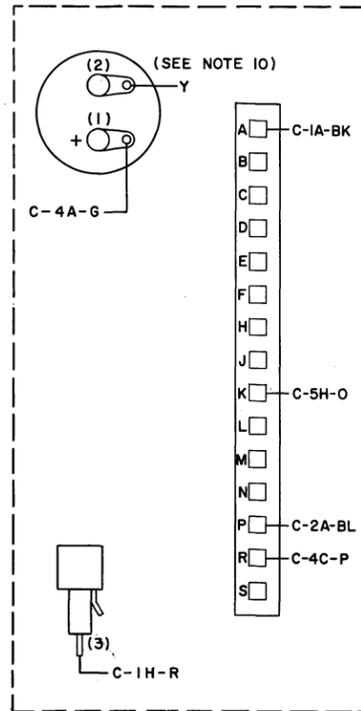
NOTE:
REVISION INFORMATION MUST ALSO BE REFLECTED ON THE ISSUE CONTROL RECORD, WHICH IS A PART OF THIS DRAWING.

6936WD

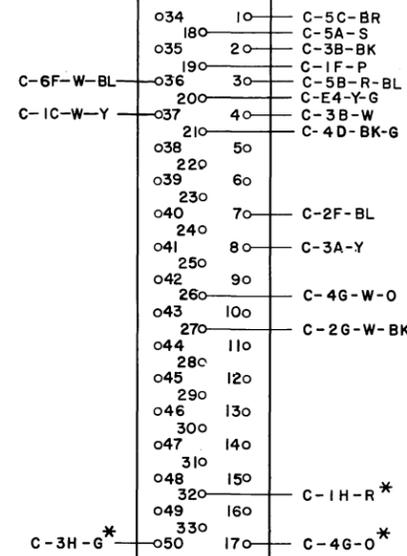
REVISIONS

ISSUE	DATE	AUTH. NO.
A 2	4/6/64	80159
3	6/15/64	82025
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7	1/18/65	83743
8	3/4/65	85529
9	12-15-66	92195-RC

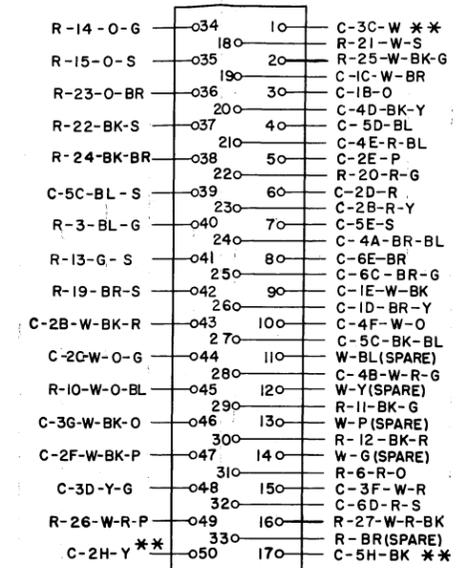
SMD
SELECTOR MAGNET DRIVER
(193485)



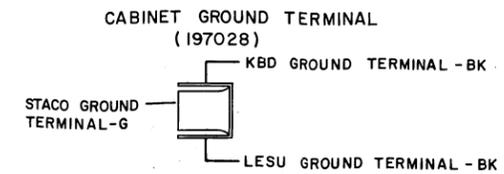
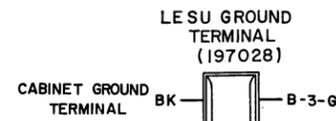
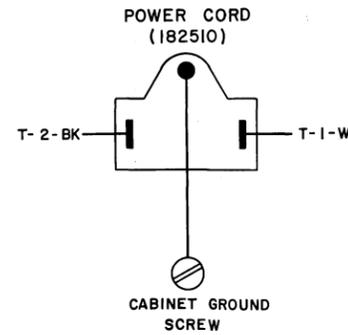
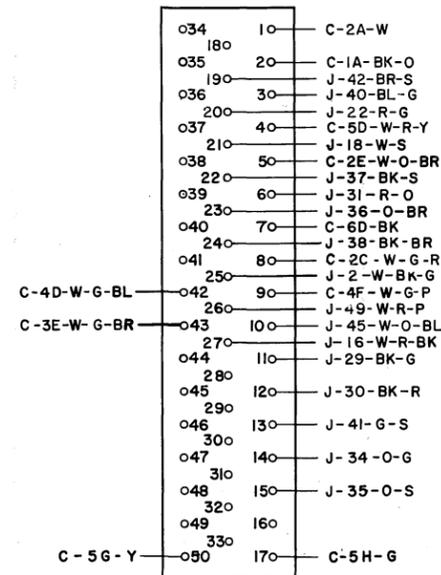
F
KEYBOARD
CONNECTOR
(192014)



J
STATION CONTROLLER
CONNECTOR
(192014)



R
PAGE PRINTER
CONNECTOR
(192014)



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

SHEET 2

ACTUAL
WIRING DIAGRAM
FOR
ELECTRICAL SERVICE
UNIT LESU314
FOR
MODEL 35 1A,
SELECTIVE CALLING
KSR, AND RO SETS

APPROVALS

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

E-NUMBER

PROD. NO. 6936WD

DATE 8/9/63

P.D. FILE NO. 1-159/151AA

DRAWN RDL CHKD.

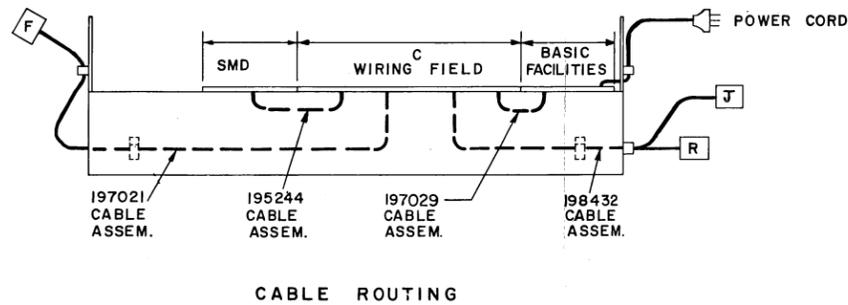
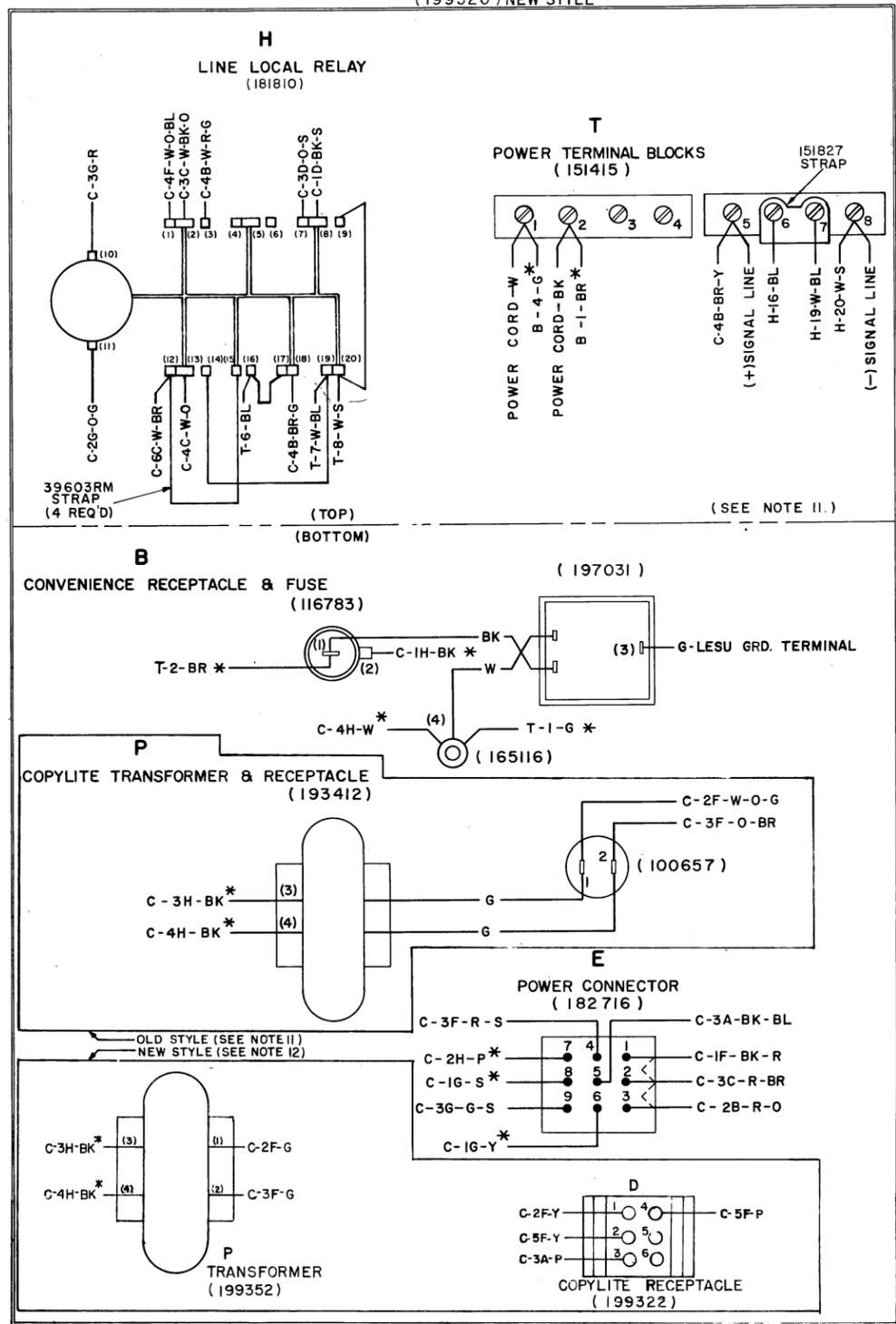
ENGD. WC APPD.

TELETYPE
CORPORATION

6936WD

SEE SHEET 1 FOR NOTES

BASIC FACILITIES ASSEMBLY
(197024) OLD STYLE
(199320) NEW STYLE



6936WD

REVISIONS

ISSUE	DATE	AUTH. NO.
A 2	4/6/64	80150
3	6/15/64	82025
4	8/11/64	82580
5	10/14/64	83708
6	11/19/64	83726
7	1/18/65	83743
8	3/4/65	85529

SHEET 3 OF 3

ACTUAL
 WIRING DIAGRAM
 FOR
 ELECTRICAL SERVICE
 UNIT LESU314
 FOR
 MODEL 35 1A,
 SELECTIVE CALLING
 KSR, AND RO SETS

APPROVALS

D AND R *APX* E OF M *C*

E-NUMBER

PROD. NO. 6936WD

DATE 8/9/63

P.D. FILE NO. I-159/151AA

DRAWN R.D.L. CHKD.

ENGD. W.C. APPD.

TELETYPE
 CORPORATION

6936WD

59

7130 WD

ISSUE	DATE	AUTH. NO.
1	8-18-64	15911-R
2	3-12-66	86296-1

- NO. NOTES
- WIRING LEGEND:

— DISTANT TERMINATING AREA

— DISTANT TERMINATING DESIGNATION

A-1-W-Y

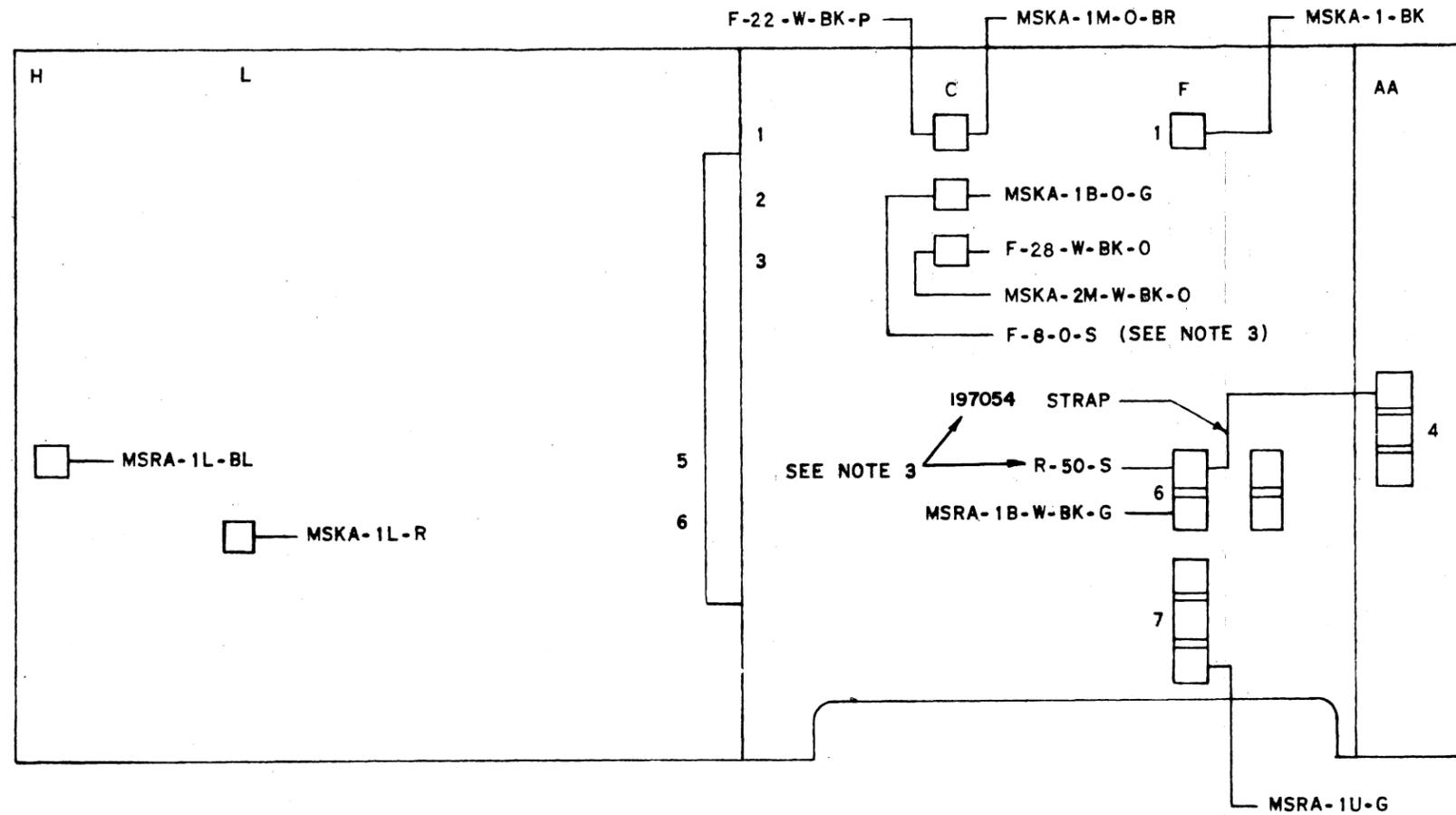
— WIRE COLOR CODE
 - COLOR CODE:

R - RED	S - SLATE
O - ORANGE	BK - BLACK
G - GREEN	BR - BROWN
BL - BLUE	P - PURPLE
W - WHITE	
 - WIRING FOR LESU326 IS PER 5822WB, EXCEPT FOR ADDITIONS SHOWN ON THIS WIRING DIAGRAM. ALSO, F-8-O-S ON C-2 IS MOVED FROM F-1, R-50-S ON F-6 IS MOVED FROM AA-4, AND A STRAP IS ADDED BETWEEN AA-4 AND F-6.
 - ASSOCIATED CABLES:

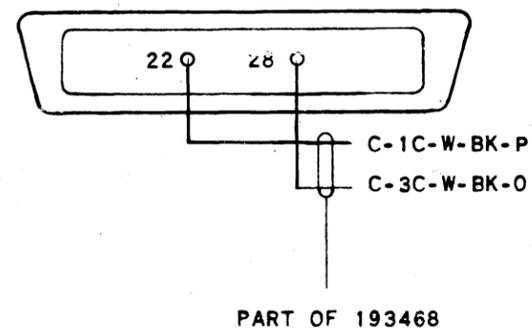
193468

199319

C
LESU WIRING FIELD

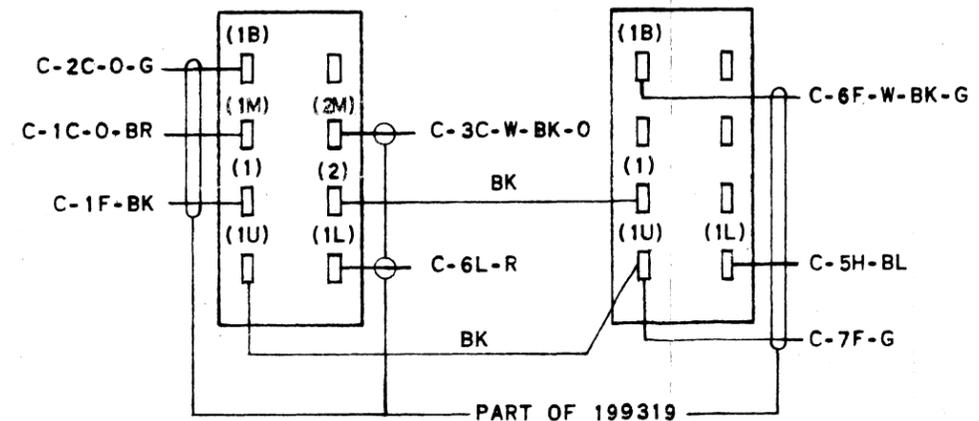


F
KEYBOARD CONNECTOR
192013



MSKA
RELAY
199317

MSRA
RELAY
199317



ACTUAL WIRING
DIAGRAM FOR
LESU326

APPROVALS

D AND R	EOPM
<i>[Signature]</i>	<i>[Signature]</i>

E-NUMBER

PROD. NO. 7130WD

DATE: 6-12-64

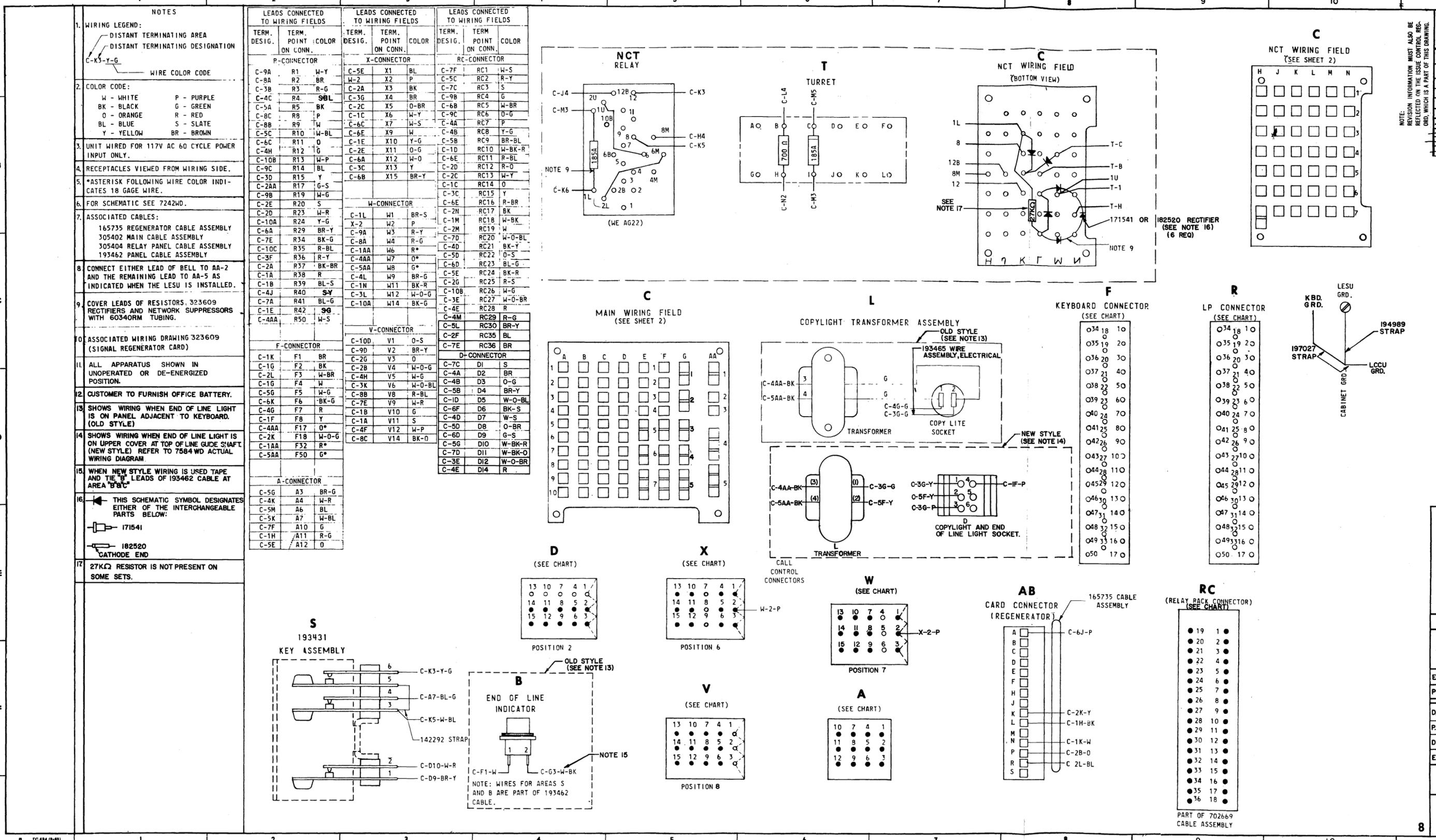
P.D. FILE NO. G-A151A

DRAWN. CHKD. *[Signature]*

ENG. G.E.W. APPD. *[Signature]*

TELETYPE CORPORATION

7130 WD



7244WD REVISIONS		
ISSUE	DATE	AUTH. NO.
1	6-26-64	15697-R
2	11-27-64	84169
3	3-10-65	86281
4	6-7-65	87046
5	9-2-65	88068
6	10-27-66	91933-1
7	8-22-67	94324-B
8	10-13-67	94346-D

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

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

SHEET 1

ACTUAL WIRING DIAGRAM OF LESU324 FOR MODEL 35 BJ & 35 BJ-X3 KSR SET

APPROVALS

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

E-NUMBER
 PROD. NO. 7244WD
 DATE 4/9/64
 P.D. FILE NO. 2-A151-219A
 DRAWN H.J. CHKD. *[Signature]*
 ENGD. H.W.K. APPD. *[Signature]*

TELETYPE CORPORATION
 7244WD

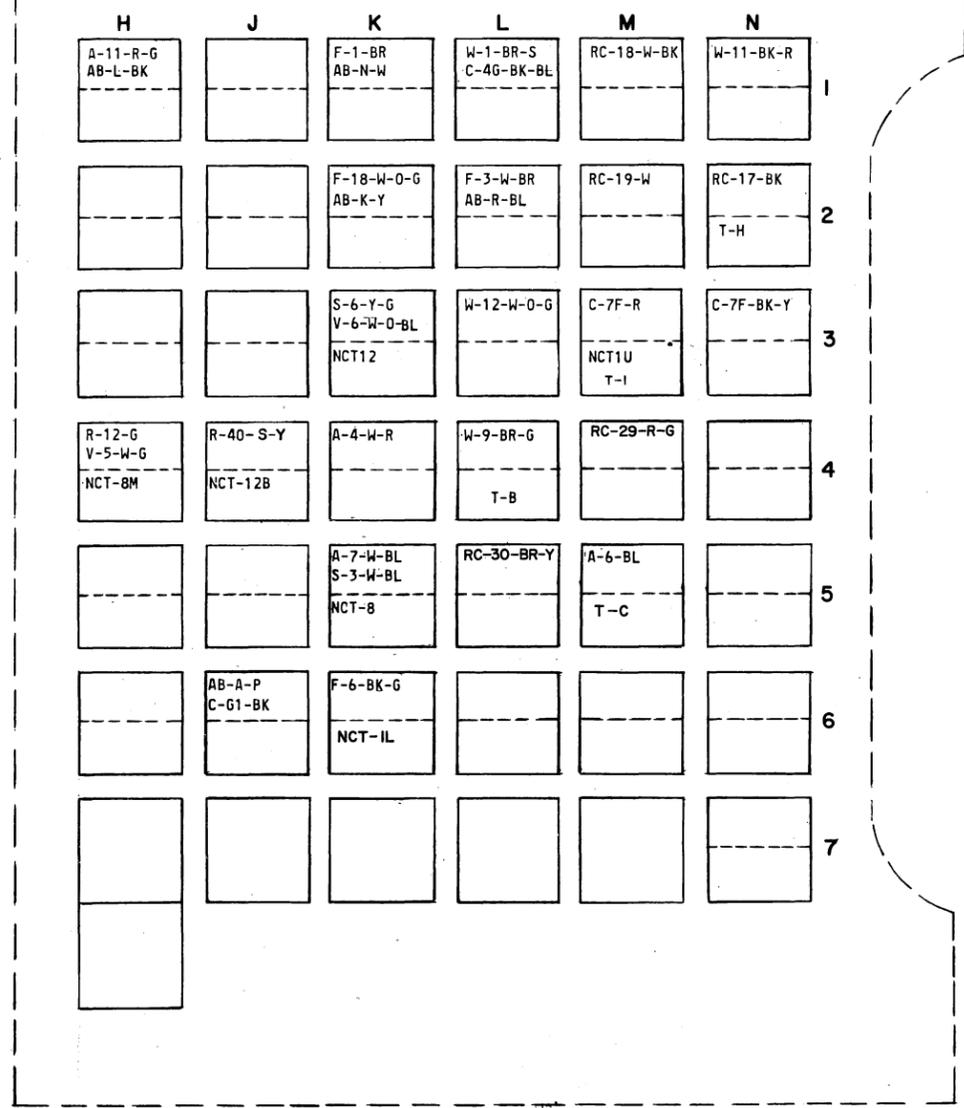
NOTE:
REVISION INFORMATION MUST ALSO BE
REFLECTED ON THE ISSUE CONTROL REC-
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7244WD

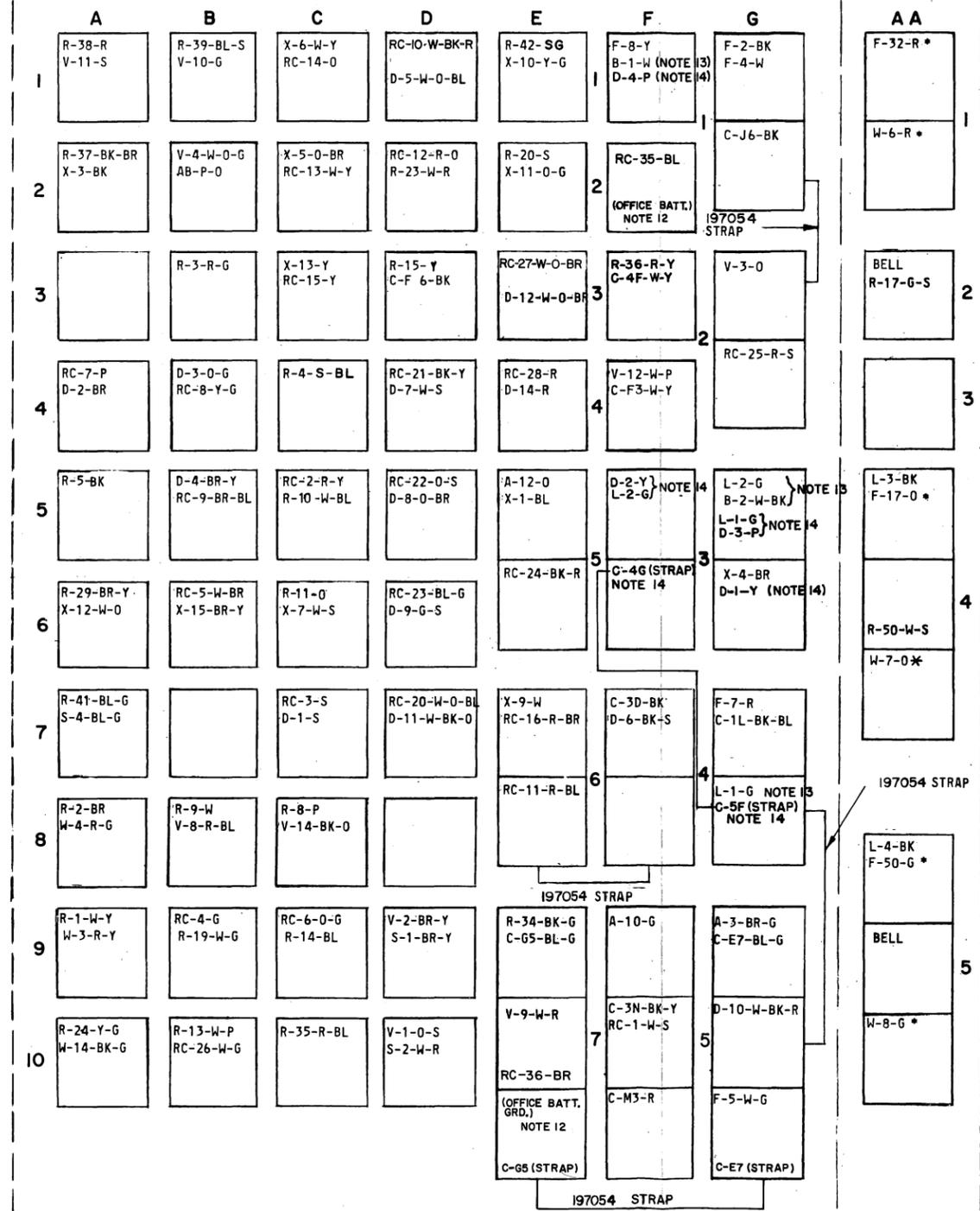
REVISIONS

ISSUE	DATE	AUTH. NO.
1	6-26-64	15697-R
2	8-20-64	82641
3	11-27-64	84169
4	3-10-65	86281
5	6-7-65	87046
6	3-12-66	86296-1
7	10-13-67	94345-D

C
NCT WIRING FIELD



C
MAIN WIRING FIELD



SEE ISSUE CONTROL RECORD FOR COMPLETE LIST OF SHEETS COMPRISING THIS W.D. SHEET 2

ACTUAL WIRING DIAGRAM FOR ELECTRICAL SERVICE UNIT LESU324 FOR USE WITH THE MODEL 35 BJ KSR SET & 35 BJ-X3

APPROVALS

D AND R
E OF M

E-NUMBER
PROD. NO. 7244WD
DATE 4/13/64
P.D. FILE NO. 2-A151.219A
DRAWN G.H.L. CHKD. *TR*
ENGD. N.W.K. APPD. *EJC*

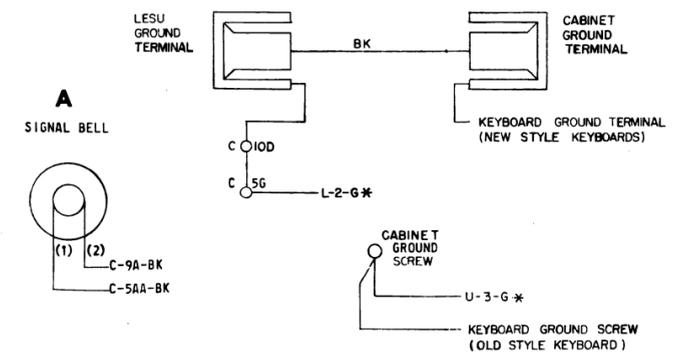
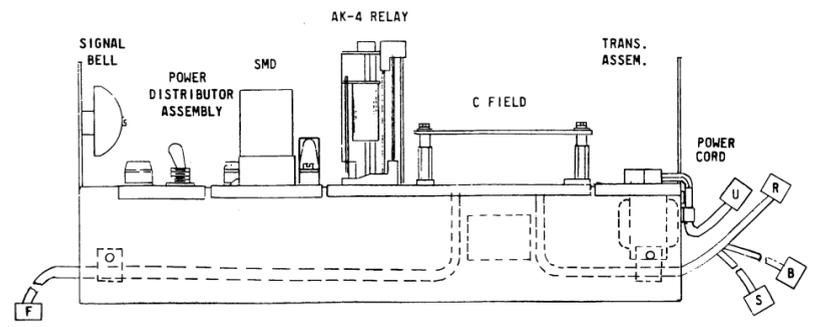
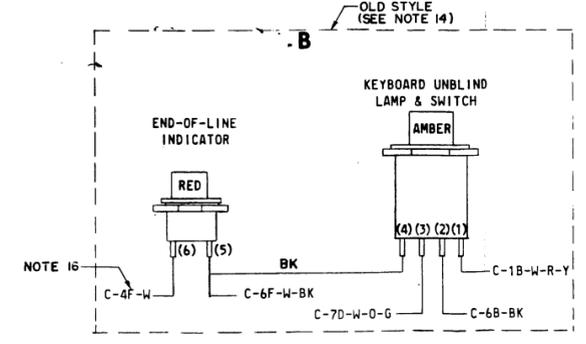
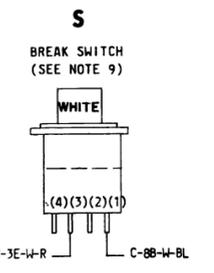
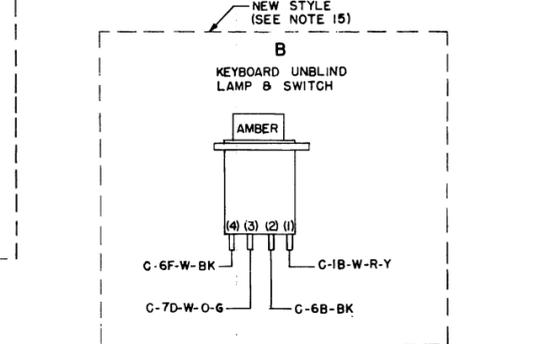
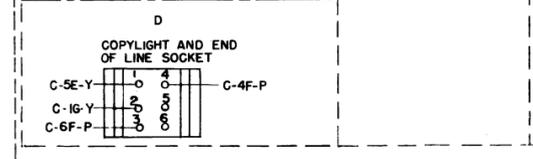
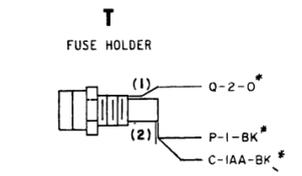
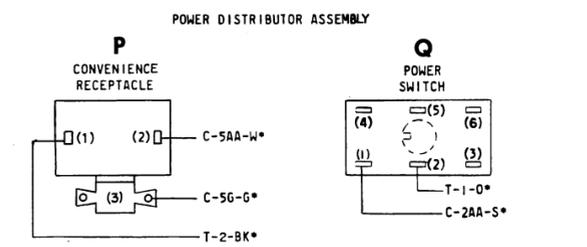
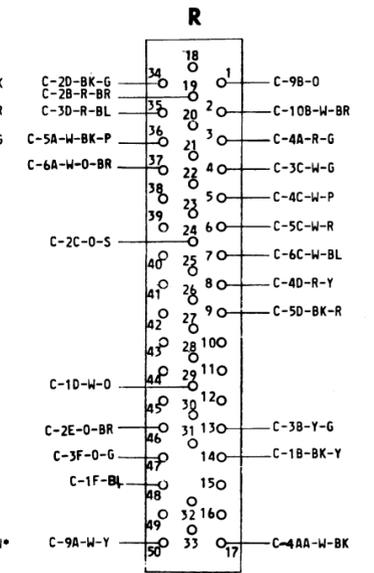
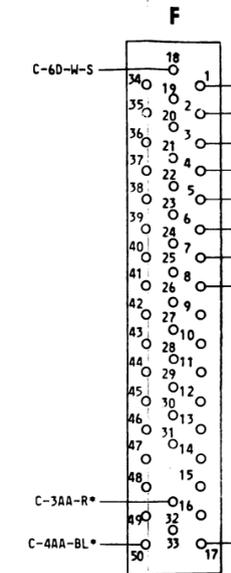
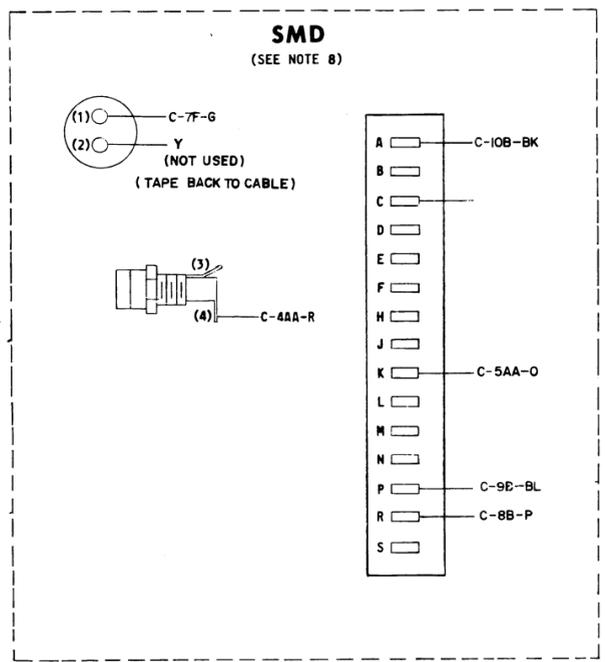
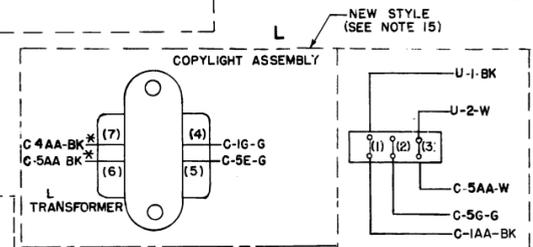
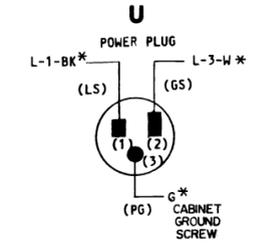
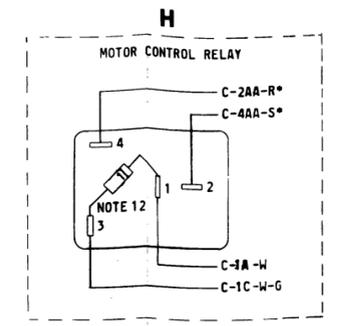
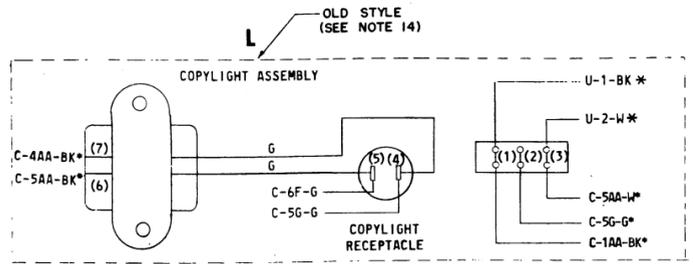
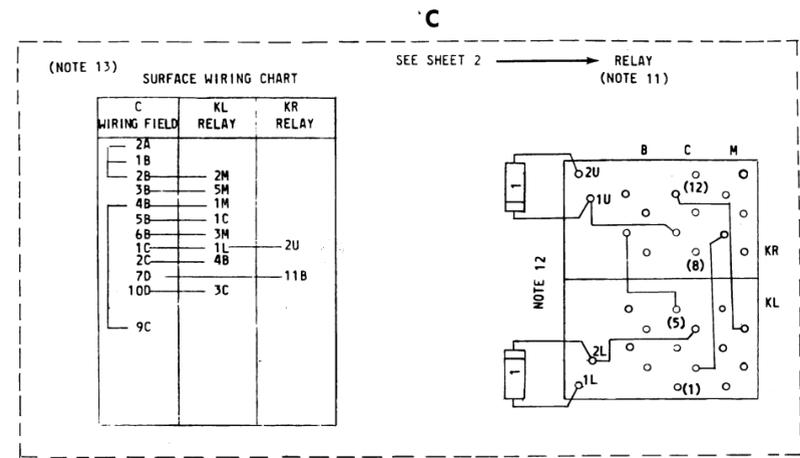
TELETYPE CORPORATION

7244WD

				ISSUE CONTROL RECORD														7247 WD										
NO.	NOTES	SUPPORTING INFORMATION		CONTENTS	SHEET NO.	ISSUE														REVISIONS APPLYING TO THIS CONTROL RECORD								
		CATEGORY	NO.			2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	ISSUE	DATE	AUTH. NO.		
					1	X	X	X	X	X	X															1	2-7-67	92240
					2	X	X	X	X	X	X															2	10-13-67	94345-D

7247 WD		
REVISIONS		
ISSUE	DATE	AUTH. NO.
1	7-8-64	15695-R
2	9-11-64	83350
3	10-27-64	84301
4	3-10-65	86281
5	10-18-65	88982
6	11-24-65	89089
7	2-7-67	92240

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



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

SHEET 1

ACTUAL WIRING DIAGRAM FOR LESU325

APPROVALS

D AND R E OF M

E-NUMBER

PROD. NO. 7247 WD

DATE 4-14-64

P.D. FILE NO. 2-A151,219A

DRAWN PJS CHKD.

ENGD. SJL APPD.

TELETYPE CORPORATION

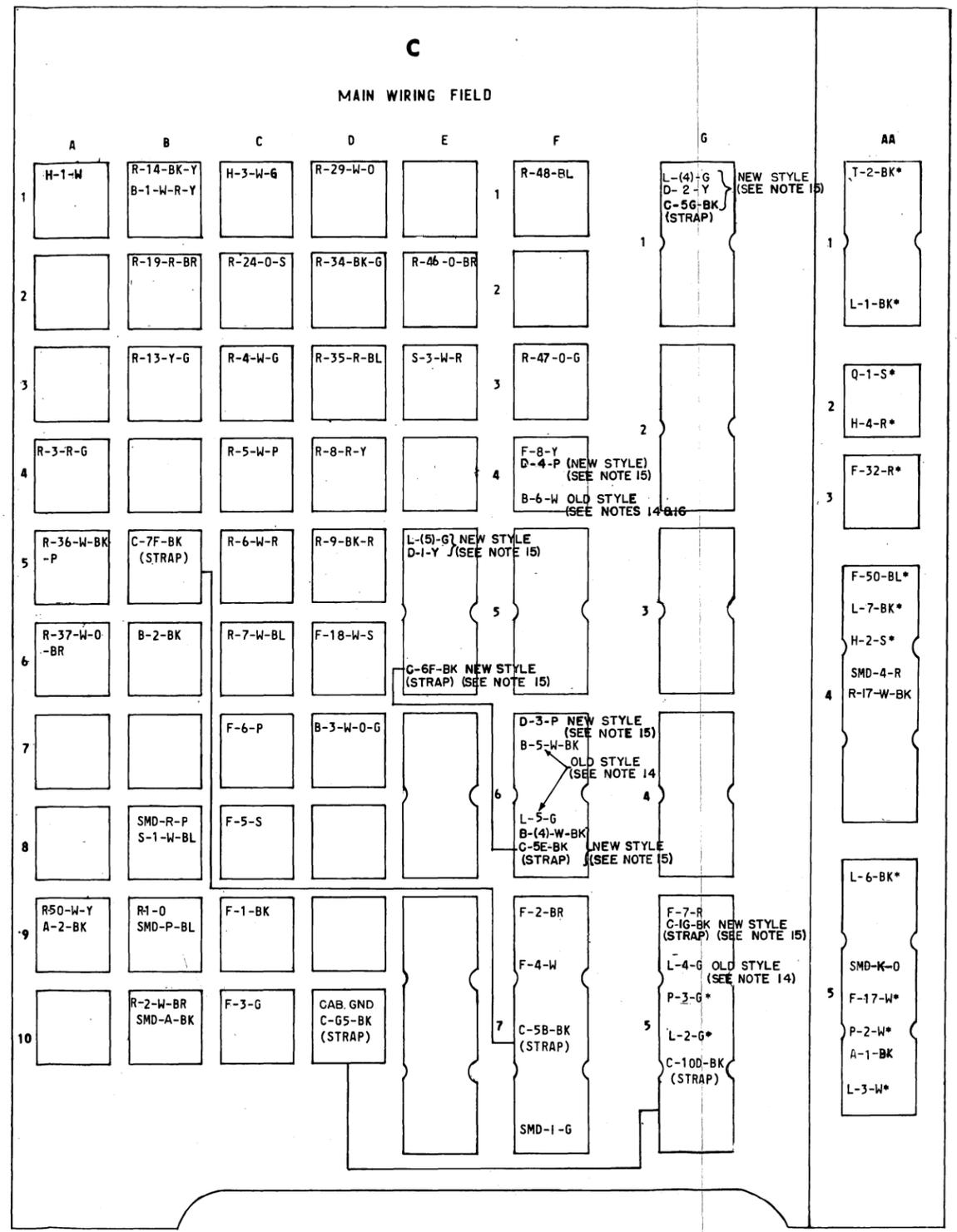
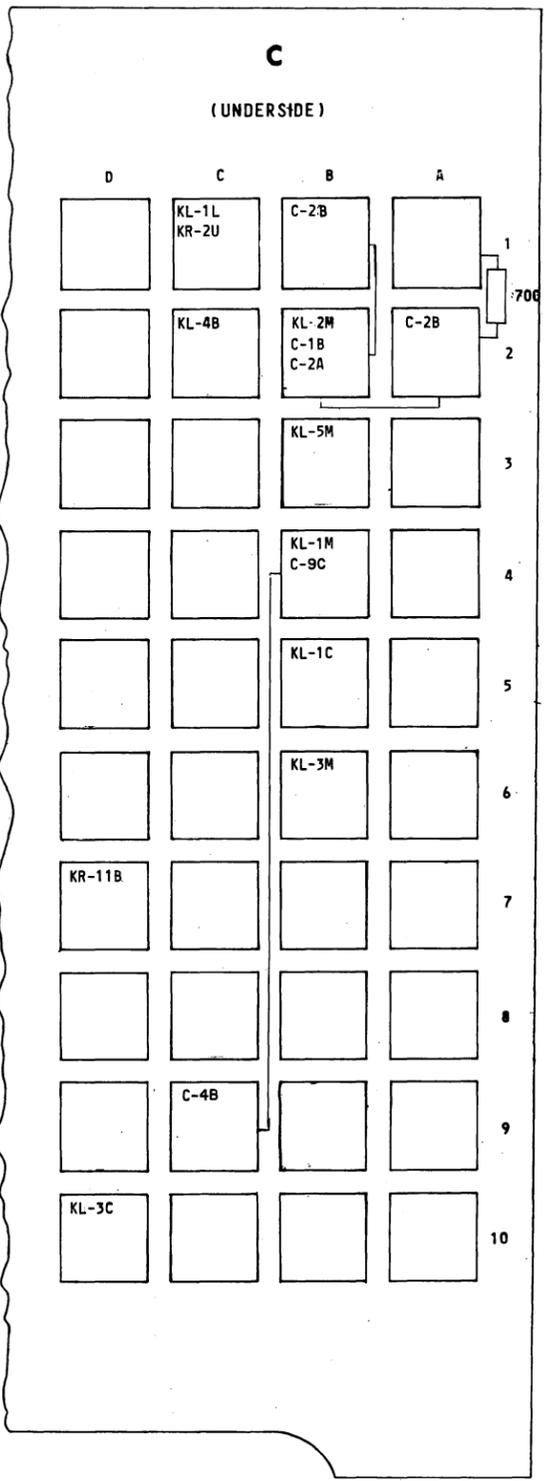
7247 WD

REFER TO SHEET 2 FOR NOTES.

NO.	NOTES										
1.	<p>WIRING LEGEND:</p> <p>— DISTANT TERMINATING AREA — DISTANT TERMINATING DESIGNATION</p> <p>A-1-W-BL └── WIRE COLOR CODE</p>										
2.	<p>COLOR CODE:</p> <table border="0"> <tr> <td>R-RED</td> <td>W-WHITE</td> </tr> <tr> <td>BK-BLACK</td> <td>O-ORANGE</td> </tr> <tr> <td>G-GREEN</td> <td>S-SLATE</td> </tr> <tr> <td>BL-BLUE</td> <td>Y-YELLOW</td> </tr> <tr> <td>P-PURPLE</td> <td>BR-BROWN</td> </tr> </table>	R-RED	W-WHITE	BK-BLACK	O-ORANGE	G-GREEN	S-SLATE	BL-BLUE	Y-YELLOW	P-PURPLE	BR-BROWN
R-RED	W-WHITE										
BK-BLACK	O-ORANGE										
G-GREEN	S-SLATE										
BL-BLUE	Y-YELLOW										
P-PURPLE	BR-BROWN										
3.	UNIT WIRED FOR 115 VOLTS, ±10% 60 CYCLE AC POWER INPUT ONLY.										
4.	CUSTOMER TO FURNISH ALL POWER.										
5.	PLUG VIEWED FROM SOLDER TERMINAL ENDS.										
6.	FOR SCHEMATIC SEE 7243WD										
7.	* ASTERISK DENOTES 18 GA. WIRE.										
8.	SELECTOR MAGNET DRIVER ACTUAL WIRING DIAGRAM IS 5983WD.										
9.	NO BULB USED IN BREAK SWITCH.										
10.	THE NUMBERS ENCLOSED BY PARENTHESES ARE USED FOR REFERENCE AND ARE NOT SHOWN ON THE PARTS.										
11.	RELAY SHOWN FROM WIRED END. RELAY IS WIRED TO UNDERSIDE OF "C" FIELD.										
12.	DENOTES 185A NETWORK										
13.	ALL SURFACE WIRE GREEN 24 GA. TYPE "BG" 31784RM.										
14.	SHOWS WIRING WHEN END OF LINE LIGHT IS ON PANEL ADJACENT TO KEYBOARD. (OLD STYLE)										
15.	SHOWS WIRING WHEN END OF LINE LIGHT IS ON UPPER COVER AT TOP OF LINE GUIDE SHAFT. (NEW STYLE) REFER TO 7584WD ACTUAL WIRING DIAGRAM.										
16.	WHEN NEW STYLE WIRING IS USED, TAPE AND TIE WHITE LEAD OF 305416 CABLE ASSEMBLY AT AREA C (WIRING FIELD) AND AT AREA B (KEYBOARD UNBLIND LAMP AND SWITCH).										

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

7247 WD		
REVISIONS		
ISSUE	DATE	AUTH. NO.
1	7-8-64	R-15695
2	9-11-64	83350
3	10-27-64	84301
4	3-10-65	86281
5	10-18-65	88982
6	7-12-66	91048
7	10-13-67	94345-D



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

SHEET 2

ACTUAL
WIRING DIAGRAM
FOR
LESU325

APPROVALS	
D AND R	E OF M

E-NUMBER

PROD. NO. 7247WD

DATE 4-8/64

P.D. FILE NO. 2-A151.219A

DRAWN _____

CHKD. *Tal*

ENGD. S.J.L.

APPD. *EJC*

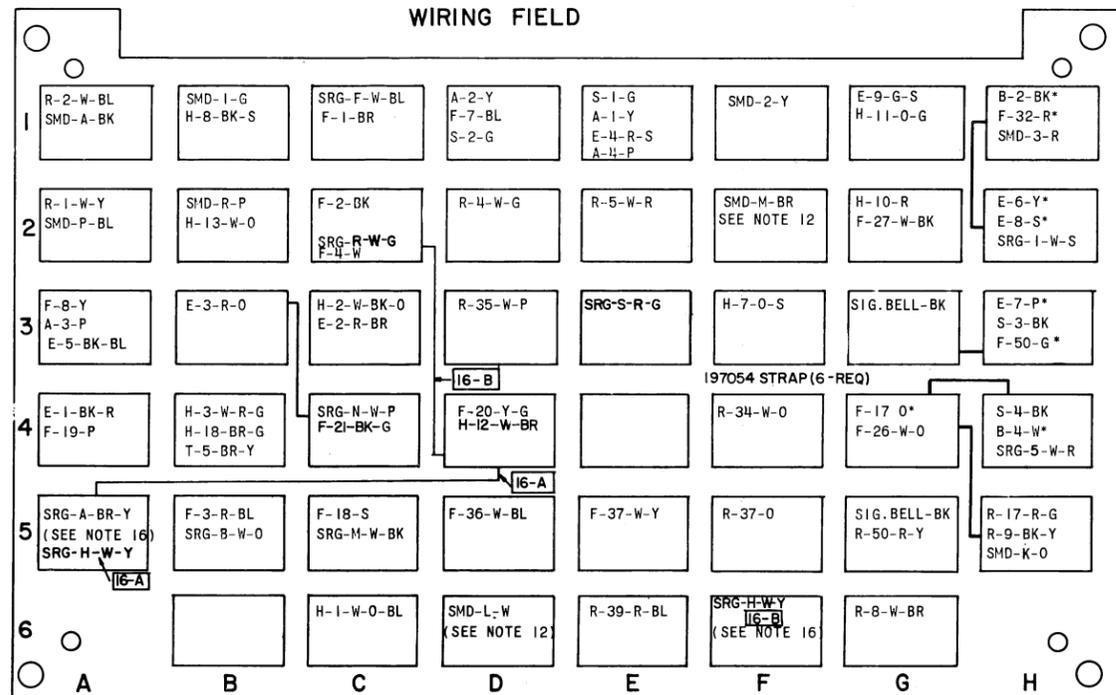
TELETYPE CORPORATION

7247 WD

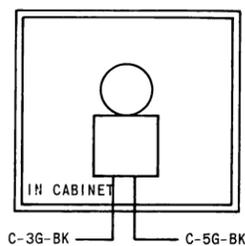
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REFER TO ISSUE CONTROL SHEET FOR NOTES

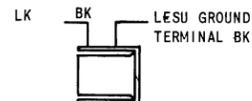
WIRING FIELD



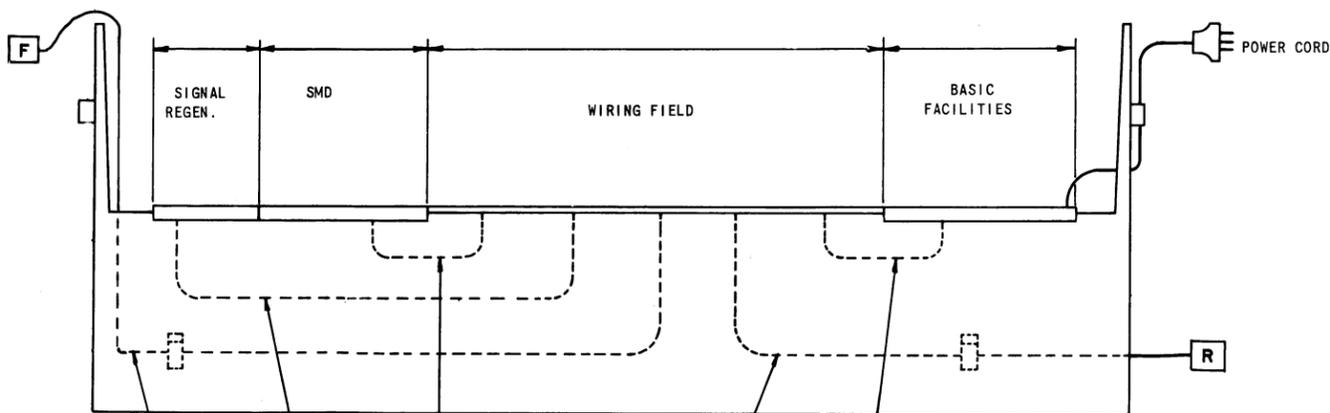
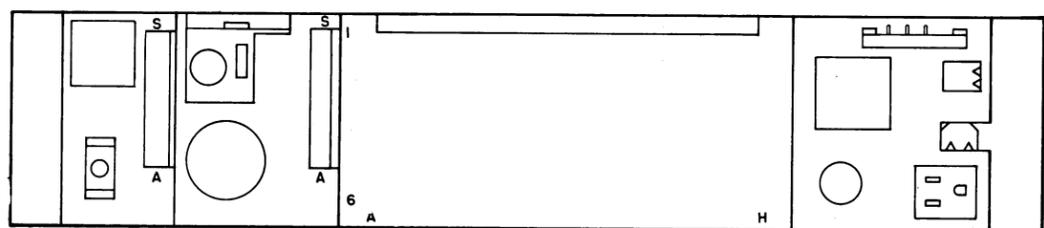
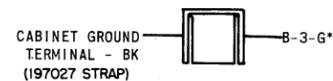
SIGNAL BELL
SEE NOTE 7



CABINET GROUND TERMINAL (197028)

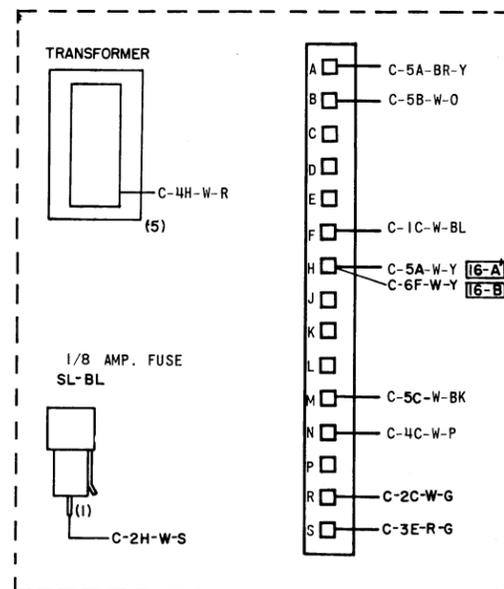


LESU GROUND TERMINAL (197028)



CABLE ROUTING

SRG SIGNAL REGENERATOR (305446)



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

7877WD

REVISIONS

ISSUE	DATE	AUTH. NO.
1	12-1-65	17186-R
2	2-10-66	90355
3	2-16-66	90355-1
4	8-16-66	91444
5	9-1-66	91444-1
6	11-5-66	92122
7	12-14-66	91976
8	6-1-67	94063
9	2-27-68	97408

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

SHEET 1

ACTUAL WIRING DIAGRAM FOR LESU337 ELECTRICAL SERVICE UNIT FOR MODEL 35 PRIVATE LINE KSR SETS

APPROVALS

D AND R E OF M

Initials

E-NUMBER

PROD. NO. 7877WD

DATE

P.D. FILE NO. 1-159.151AA

DRAWN DDG

CHKD.

ENGD. RLW

APPD. RRS

TELETYPE CORPORATION

7877WD

REFER TO ISSUE CONTROL SHEET FOR NOTES

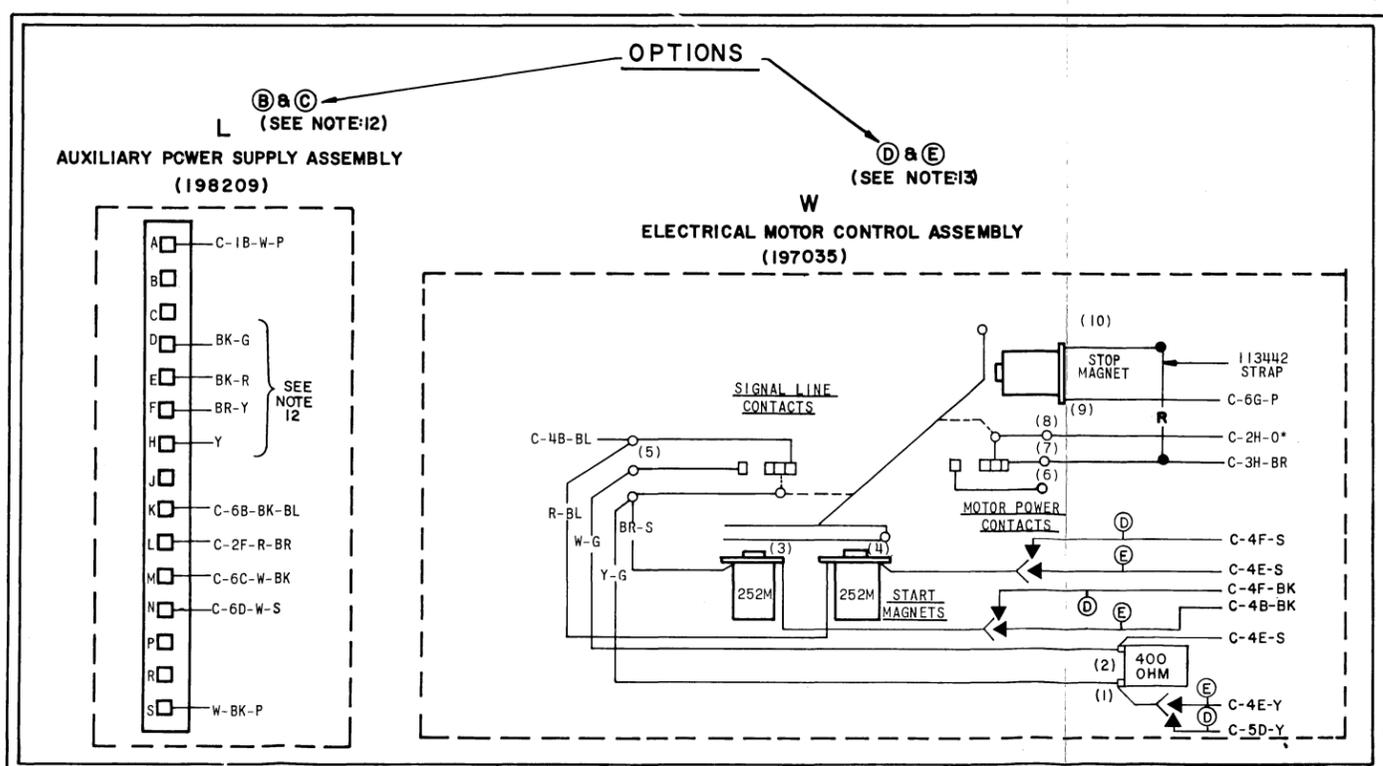
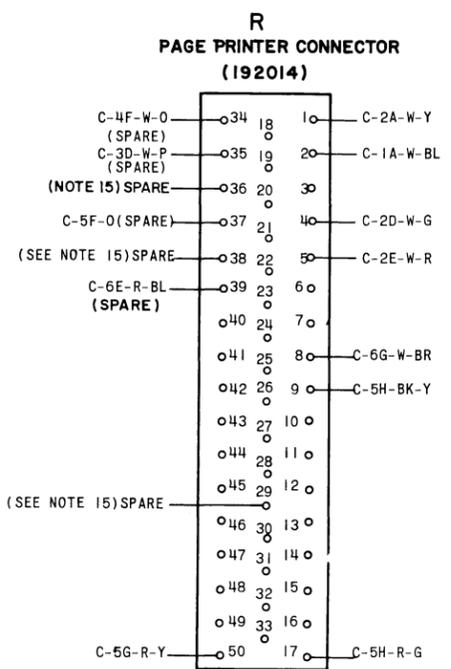
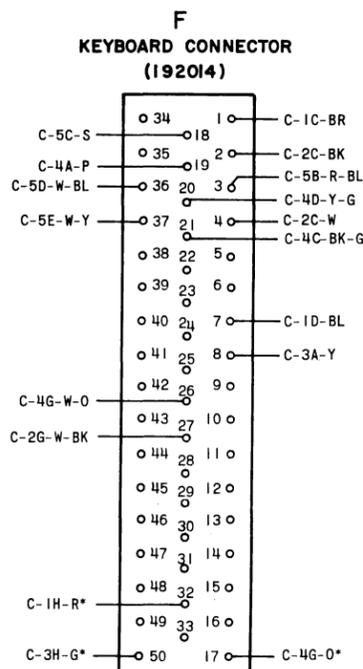
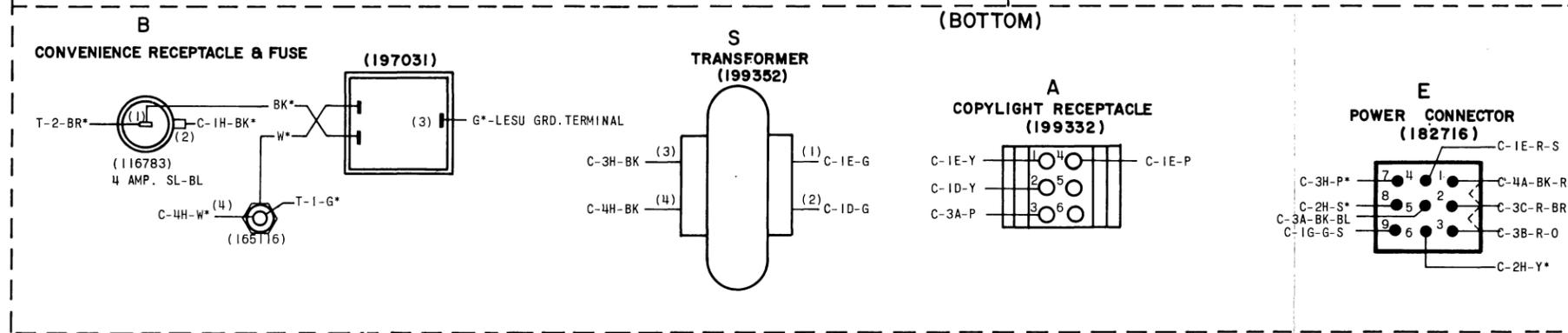
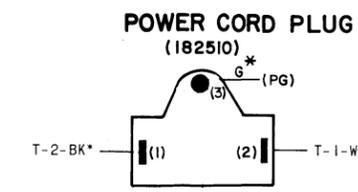
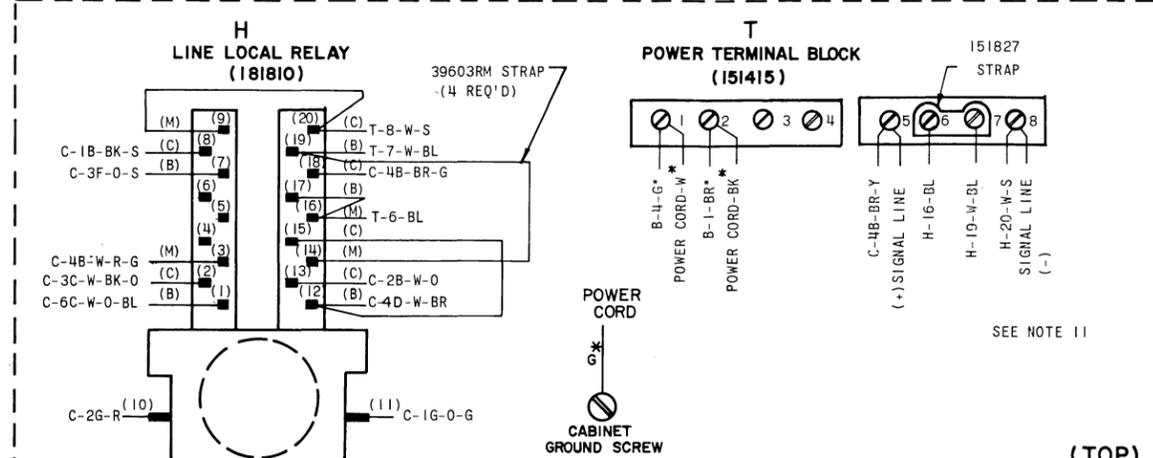
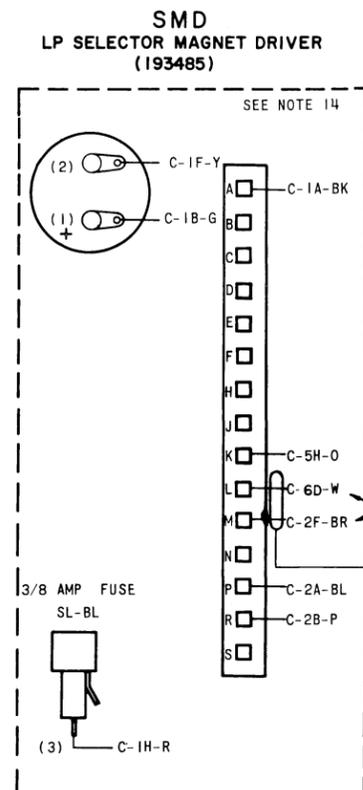
BASIC FACILITIES ASSEMBLY (199360)

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

7877WD

REVISIONS

ISSUE	DATE	AUTH. NO.
1	12-1-65	17186-R
2	2-16-66	90355-1
3	4-25-66	90253
4	5-26-67	94063



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

SHEET 2

ACTUAL WIRING DIAGRAM FOR LESU337 ELECTRICAL SERVICE UNIT FOR MODEL 35 PRIVATE LINE KSR SETS

APPROVALS

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

E-NUMBER

PROD. NO. 7877WD

DATE

P.D. FILE NO. 1-159.151AA

DRAWN DDG **CHKD.**

ENGD. RLW **APPD.** RLS

TELETYPE CORPORATION

7877WD

70

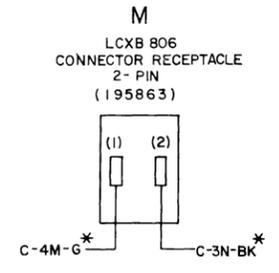
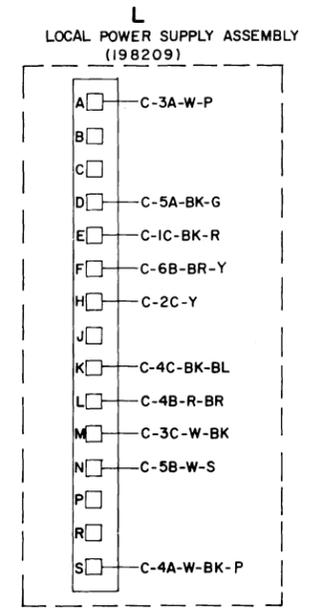
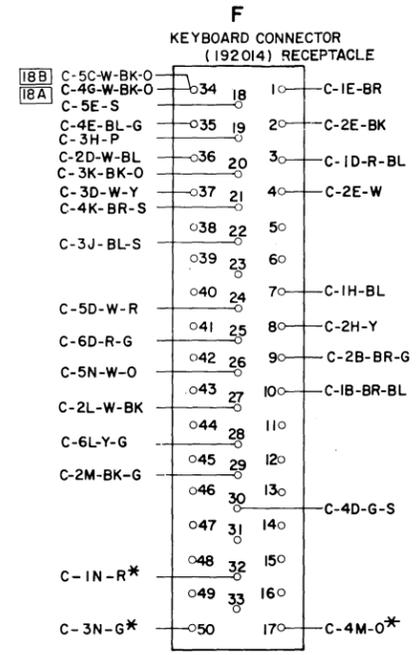
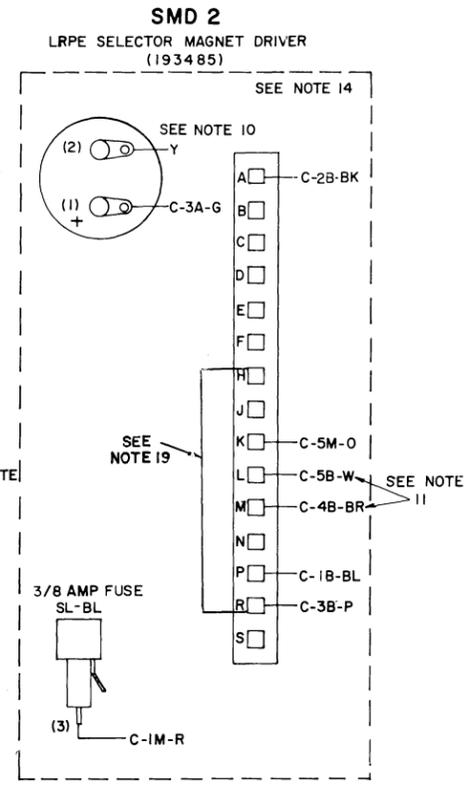
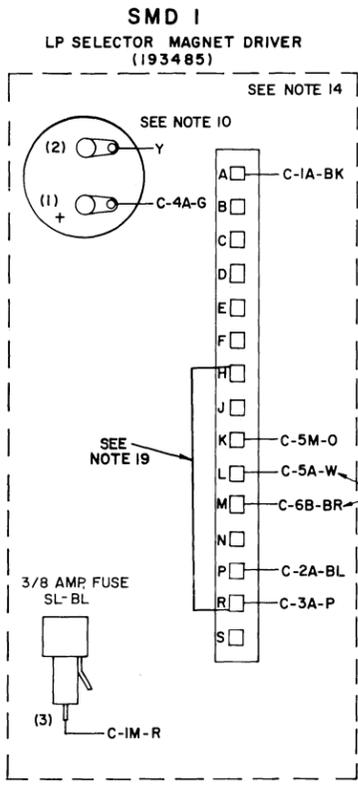
REFER TO ISSUE CONTROL SHEET FOR NOTES

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

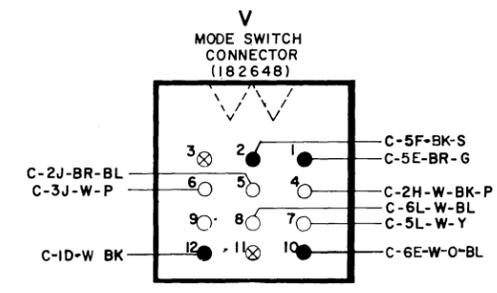
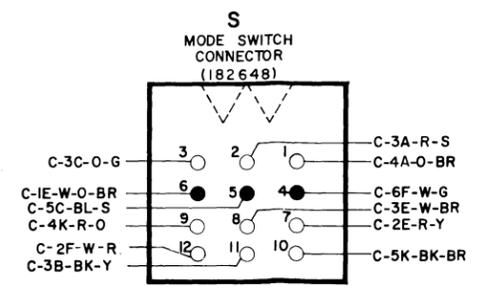
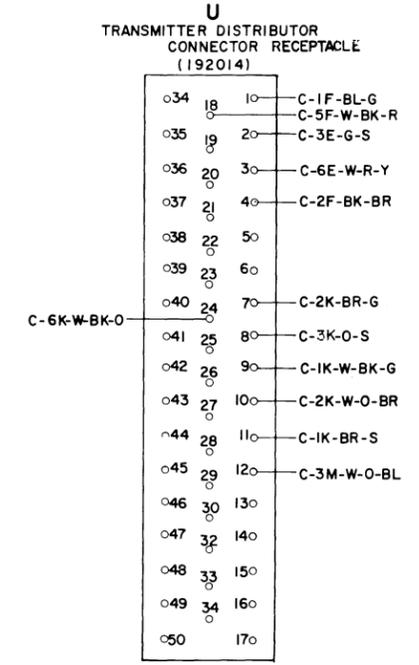
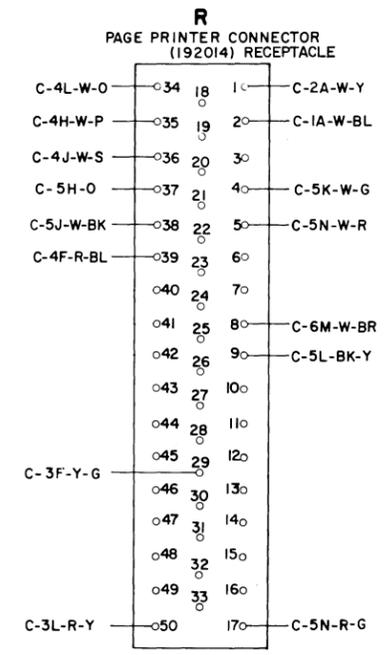
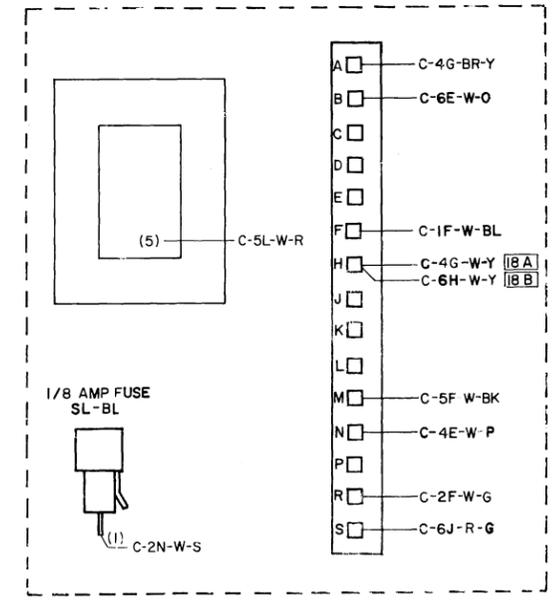
7914 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
1	12-11-65	17357-R
2	1-5-66	89023
3	1-18-66	89030
4	8-16-66	91444
5	12-14-66	91976
6	6-1-67	94063



SRG
SIGNAL REGENERATOR
(305446)



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

SHEET 1

ACTUAL WIRING DIAGRAM FOR ELECTRICAL SERVICE UNIT LESU338 FOR MODEL 35 PRIVATE LINE ASR SET VCL386-VCL387

APPROVALS

D AND R E OF M

E-NUMBER

PROD. NO. 7914 WD

DATE 10-28-65

P.D. FILE NO. 12-A151.219A

DRAWN J.A.P. CHKD. *JAL*

ENGD. RSP APPD.

TELETYPE CORPORATION

7914 WD

REFER TO ISSUE CONTROL SHEET FOR NOTES

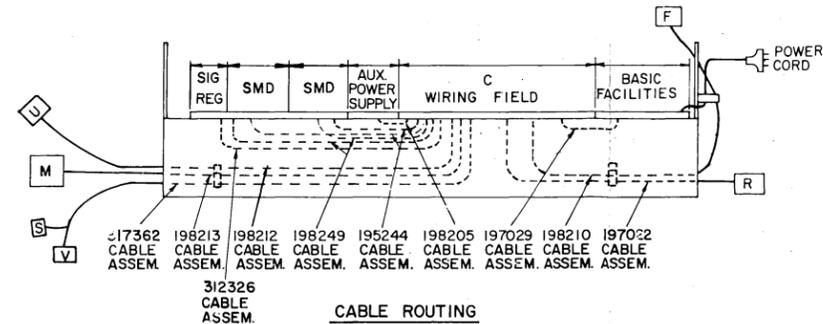
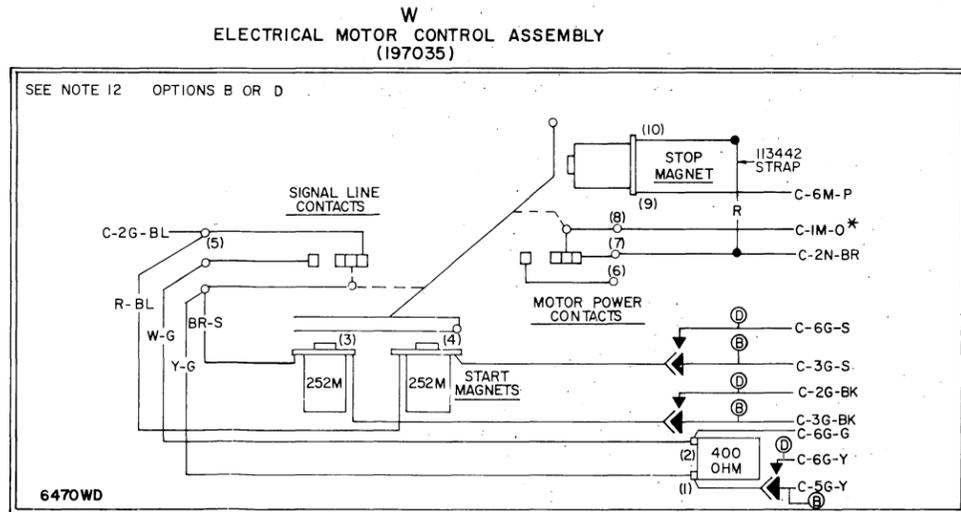
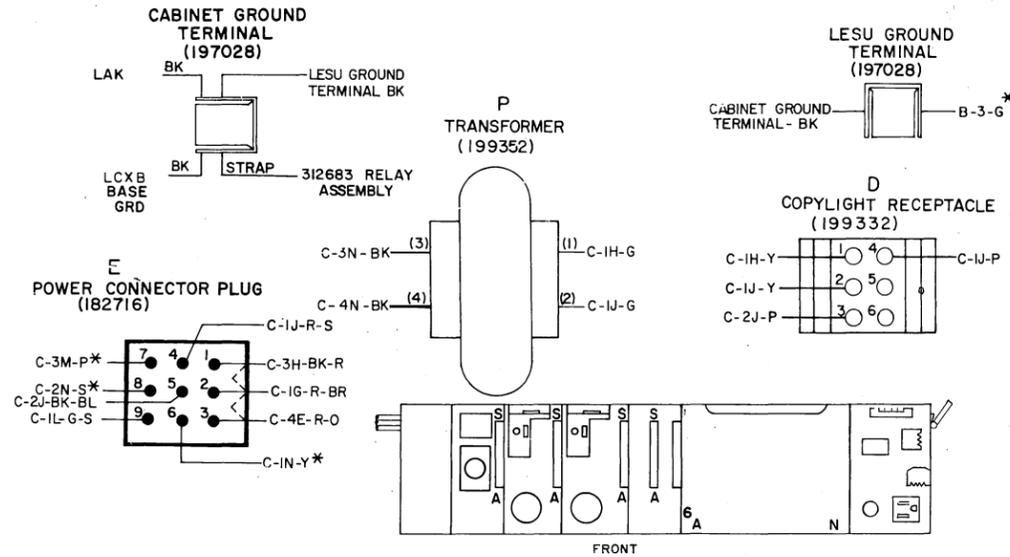
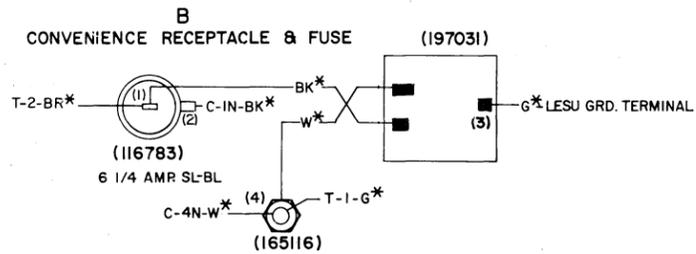
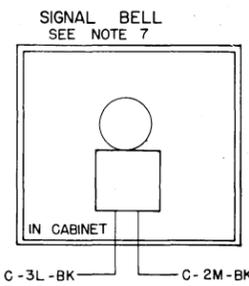
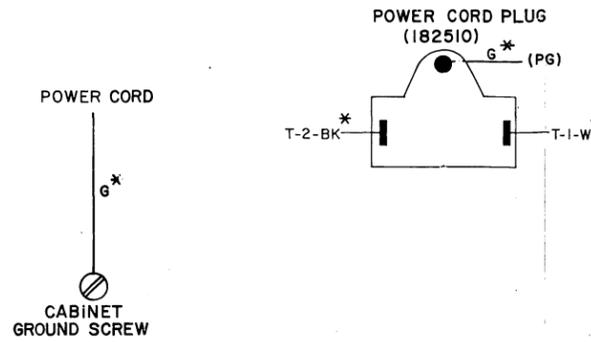
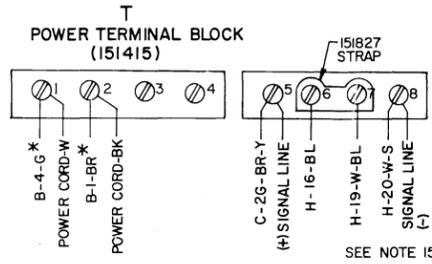
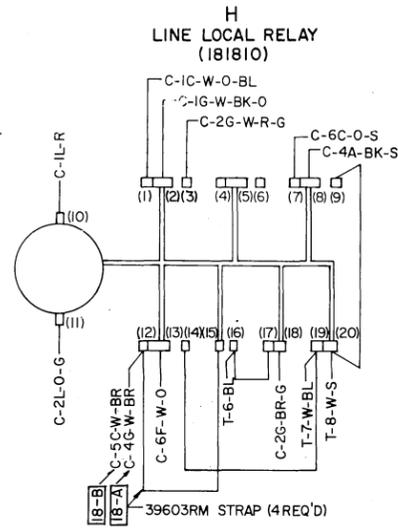
BASIC FACILITIES ASSEMBLY (199360)

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

7914WD

REVISIONS

ISSUE	DATE	AUTH. NO.
1	12-11-65	17357-R
2	1-5-66	89023
3	8-16-66	91444
4	11-5-66	92122
5	12-14-66	91976
6	5-24-67	94063



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

SHEET 3

ACTUAL WIRING DIAGRAM FOR ELECTRICAL SERVICE UNIT LESU 338 FOR MODEL 35 PRIVATE LINE ASR SET VCL 386-VCL 387

APPROVALS

D AND R: *AK* E OF M: *7*

E-NUMBER: PROD. NO. 7914WD

DATE: 10-28-65

P.D. FILE NO. 12-A151.219A

DRAWN DDG: CHKD. *Tid*

ENGD. RSR: APPD. *RRS*

TELETYPE CORPORATION

7914WD

7972 WD

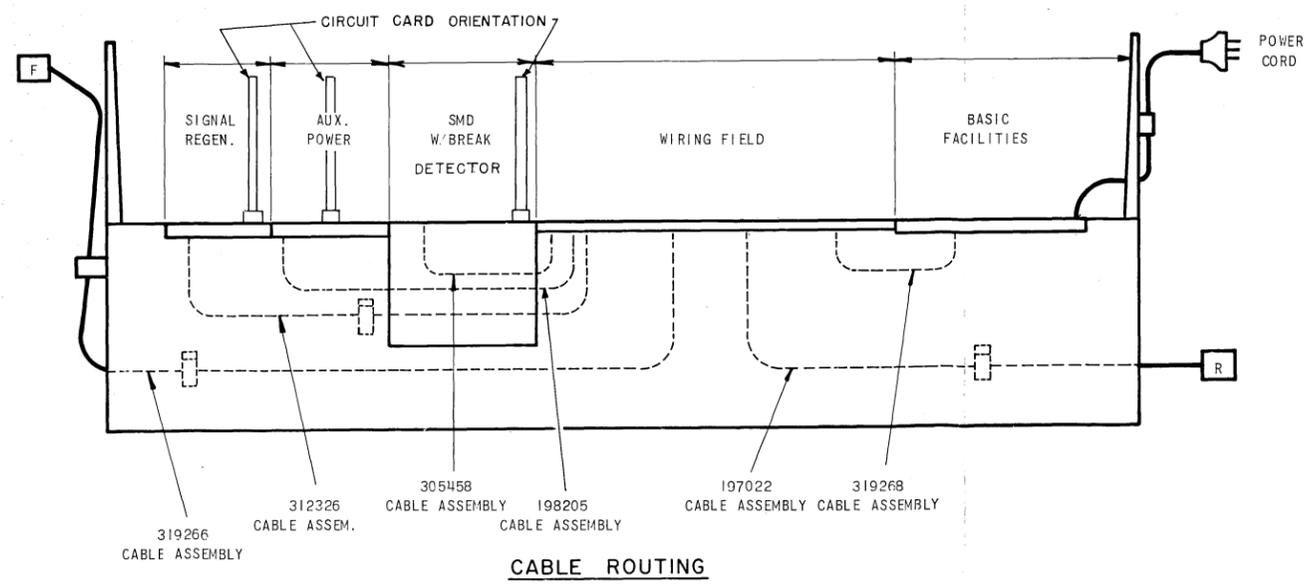
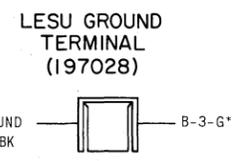
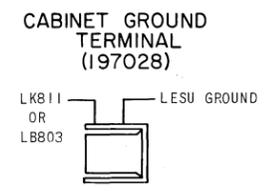
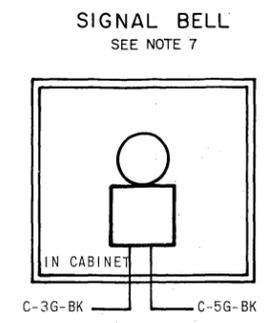
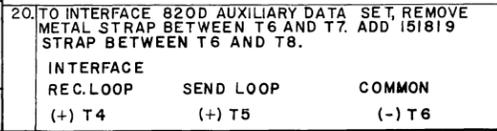
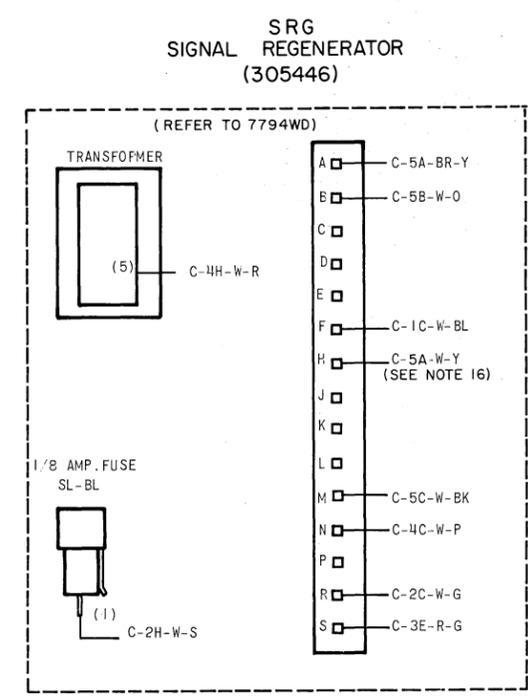
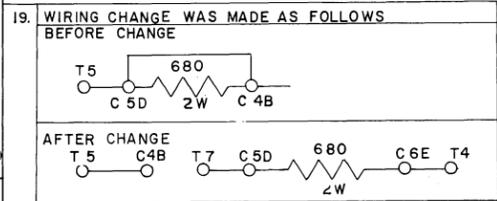
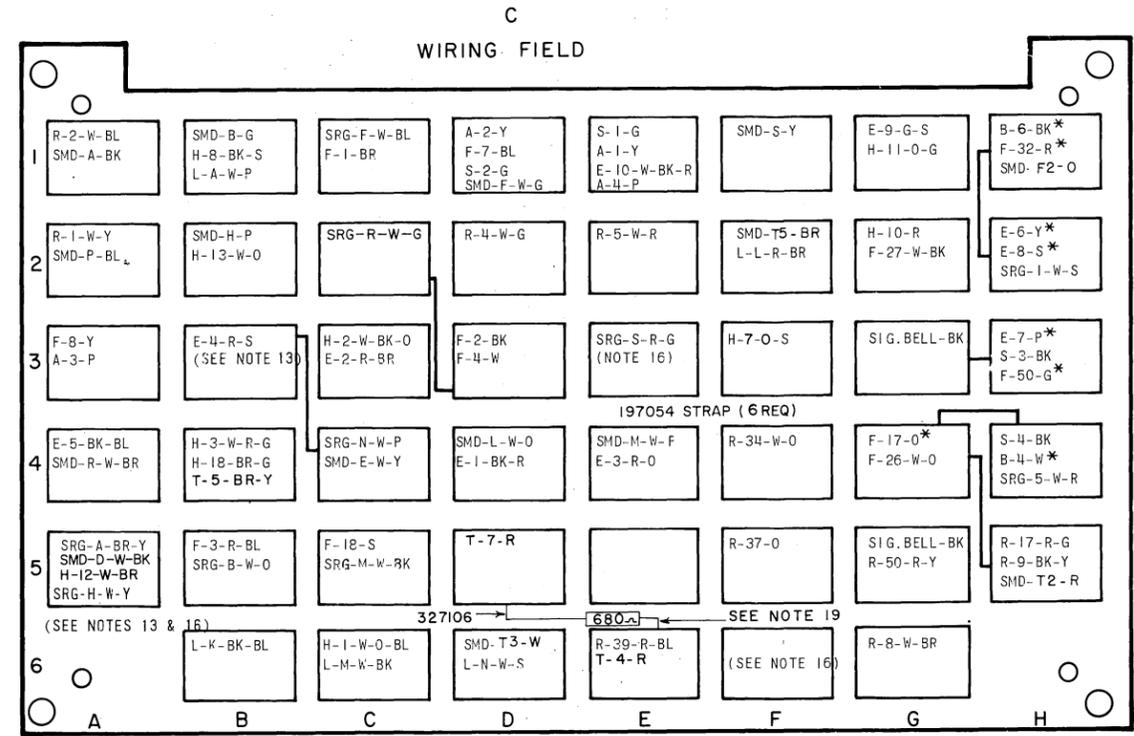
REVISIONS		
ISSUE	DATE	AUTH. NO.
1	9-1-66	17794-R
2	1-30-67	92138
3	3-30-67	93289
4	6-9-67	94009
5	8-7-67	94301 B
6	10-25-67	94673-B

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

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

W - WHITE	P - PURPLE
O - ORANGE	G - GREEN
Y - YELLOW	R - RED
BL - BLUE	BK - BLACK
BR - BROWN	S - SLATE
 3. UNITS WIRED FOR 60 CPS POWER INPUT ONLY.
 4. RECEPTACLES VIEWED FROM WIRING SIDE.
 5. * ASTERISK FOLLOWING WIRE COLOR INDICATES 18 GA. WIRE.
 6. ASSOCIATED CABLES:
 198205 - CABLE ASSEMBLY (AUX. POWER SUPPLY)
 319266 - CABLE ASSEMBLY (KEYBOARD)
 197022 - CABLE ASSEMBLY (PAGE PRINTER)
 319268 - CABLE ASSEMBLY (BASIC FACILITIES)
 312326 - CABLE ASSEMBLY (SIGNAL REGEN)
 7. CONNECT EITHER LEAD OF THE SIGNAL BELL TO C-3G AND THE REMAINING LEAD TO C-5G AS INDICATED WHEN LESU IS INSTALLED.
 8. ASSOCIATED WIRING DIAGRAMS & DRAWINGS:
 7973WD SCHEMATIC (VSL330,331,339 & 340)
 7974WD ACTUAL (CONTROL PANEL)
 7267WD ACTUAL (SEL. MAG. DRIVER)
 305459 DRAWING (SMD CIRCUIT CARD)
 7794WD ACTUAL (SIGNAL REGENERATOR)
 7584WD ACTUAL (COPYLIGHT ASSEMBLY)
 312325 DRAWING (SIG. REGEN. CIRCUIT CARD)
 9. NUMBERS SHOWN IN PARENTHESES ARE FOR REFERENCE ONLY AND ARE NOT MARKED ON COMPONENTS.
 10. THE LESU339 IS WIRED FOR 20 MA OPERATION (OPTION A).
 11. SET WIRED FOR HALF DUPLEX OPERATION. FOR FULL DUPLEX OPERATION, REMOVE THE STRAP BETWEEN TERMINALS T6 AND T7 AND WIRE AS FOLLOWS:

RECEIVE LOOP (+) T7	SEND LOOP (+) T5
(-) T8	(-) T6
 12. LINE-LOCAL OPTION (B OR C) WIRE AS SHOWN FOR 20MA OPERATION (OPTION B) FOR 60MA OPERATION (OPTION C) MOVE THE BK-BL WIRE ON C-6B TO C-6C & W-BK WIRE ON C-6C TO C-6B
 13. ON REC.-ONLY SETS, MOVE SMD-D-W-BK FROM C-5A TO C-3B AND MOVE E-4-R-S FROM C-3B TO C-5A
 14. FOR 60MA OPERATION, THE 305459 CIRCUIT CARD MUST BE REPLACED BY THE 305460 CARD.
 15. TAPE & TIE BACK TO MAIN CABLE BODY.
 16. SIGNAL REGEN. WIRED FOR CURRENT SENSITIVE APPLICATIONS FOR VOLTAGE SENSITIVE (EIA INTERFACE) APPLICATIONS MOVE SRG-H-W-Y FROM C-5A TO C-6F
 - 17.
 18. SL-BL INDICATES SLOW BLOWING



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

SHEET 1

ACTUAL WIRING DIAGRAM FOR LESU339 ELECTRICAL SERVICE UNIT FOR MODEL 35 KEYBOARD SEND-RECEIVE OR RECEIVE ONLY PRIVATE LINE TELETYPEWRITER SETS

APPROVALS

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

E-NUMBER
 PROD. NO. 7972WD
 DATE 12-22-65
 P.D. FILE NO. 1-A151.A116
 DRAWN R.T.S. CHKD. *[Signature]*
 ENGD. R.L.W. APPD. *[Signature]*

TELETYPE CORPORATION

7972 WD

REFER TO SHEET 1 FOR NOTES

**BASIC FACILITIES ASSEMBLY
(319257)**

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

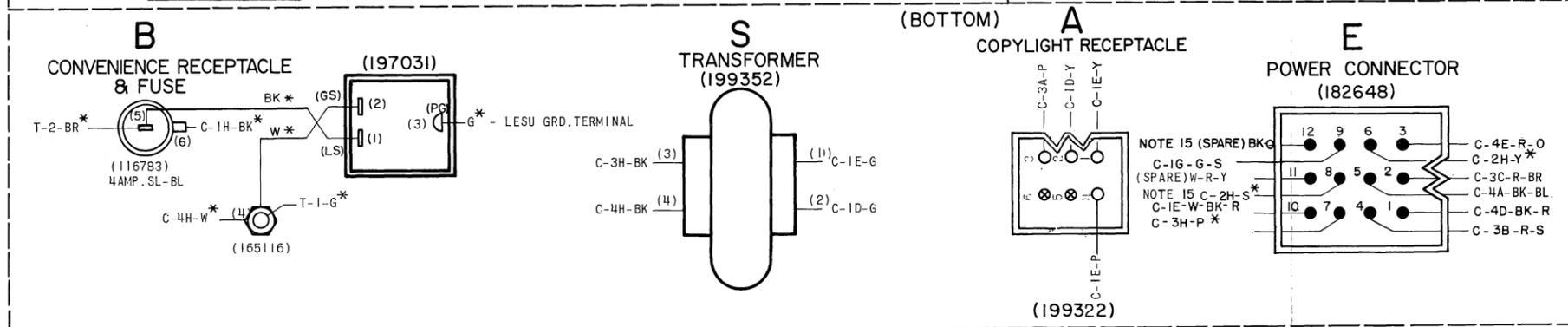
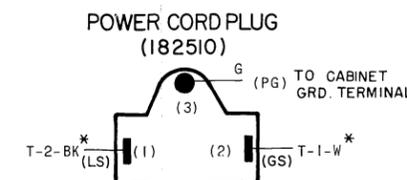
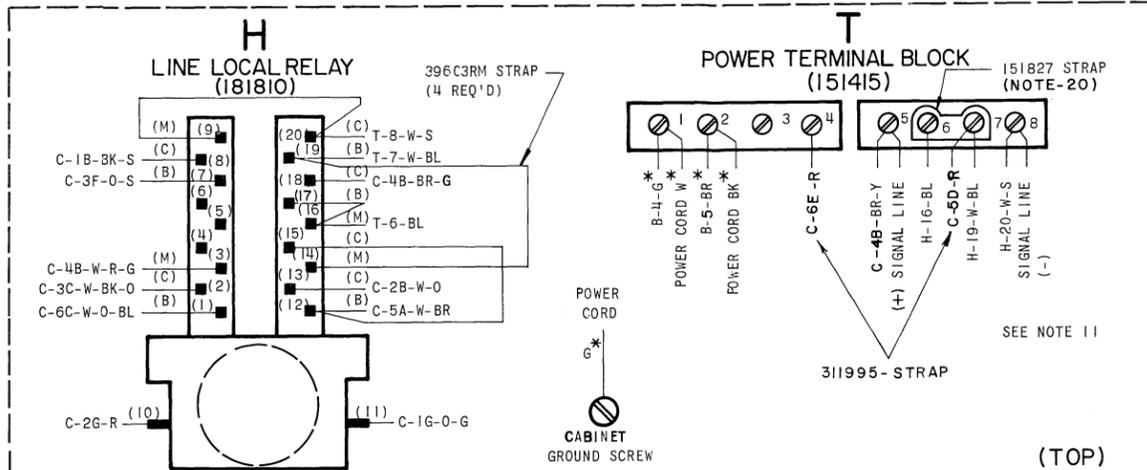
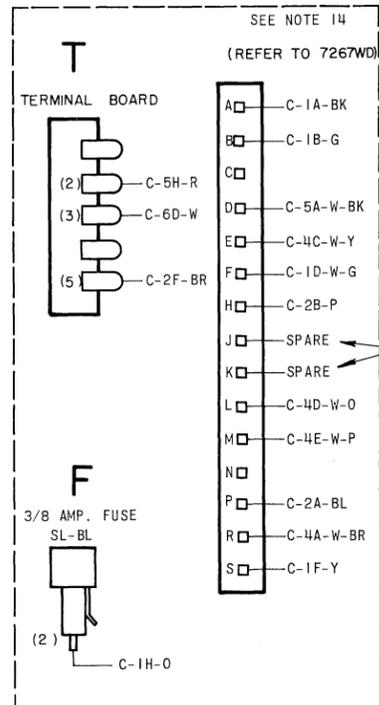
7972 WD

REVISIONS

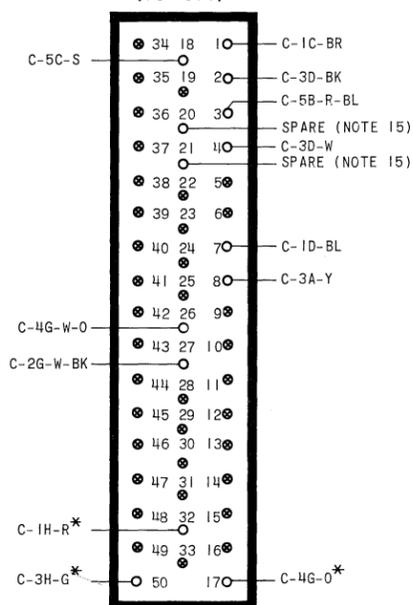
ISSUE	DATE	AUTH. NO.
1	9-1-66	17794-R
2	1-30-67	92138
3	5-25-67	94016
4	8-7-67	94301 B
5	10-25-67	94673-B

SMD

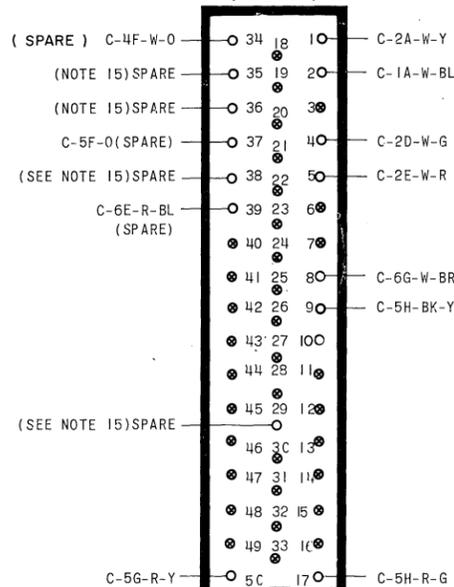
**LP SELECTOR MAGNET DRIVER
(305447)**



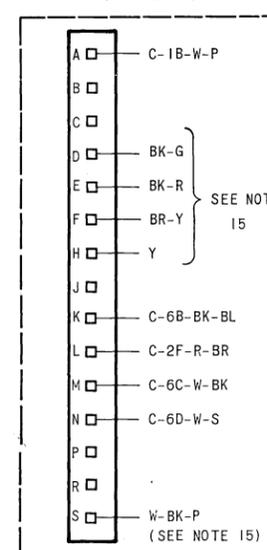
F
KEYBOARD CONNECTOR
(192014)



R
PAGE PRINTER CONNECTOR
(192014)



L
AUXILIARY POWER SUPPLY ASSEMBLY
(198209)



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

SHEET 2

ACTUAL WIRING DIAGRAM FOR LESU339 ELECTRICAL SERVICE UNIT FOR MODEL 35 KEYBOARD SEND-RECEIVE OR RECEIVE-ONLY PRIVATE LINE TELETYPEWRITER SETS

APPROVALS

D AND R	E OF M
<i>AK</i>	<i>W</i>

E-NUMBER

PROD. NO. 7972WD

DATE 12-22-65

R.D. FILE NO. 1-A151.A116

DRAWN R.S. **CHKD.** *Tol*

ENGD. R.L.W. **APPD.** *RRS*

TELETYPE CORPORATION

7972 WD

77

8012 WD

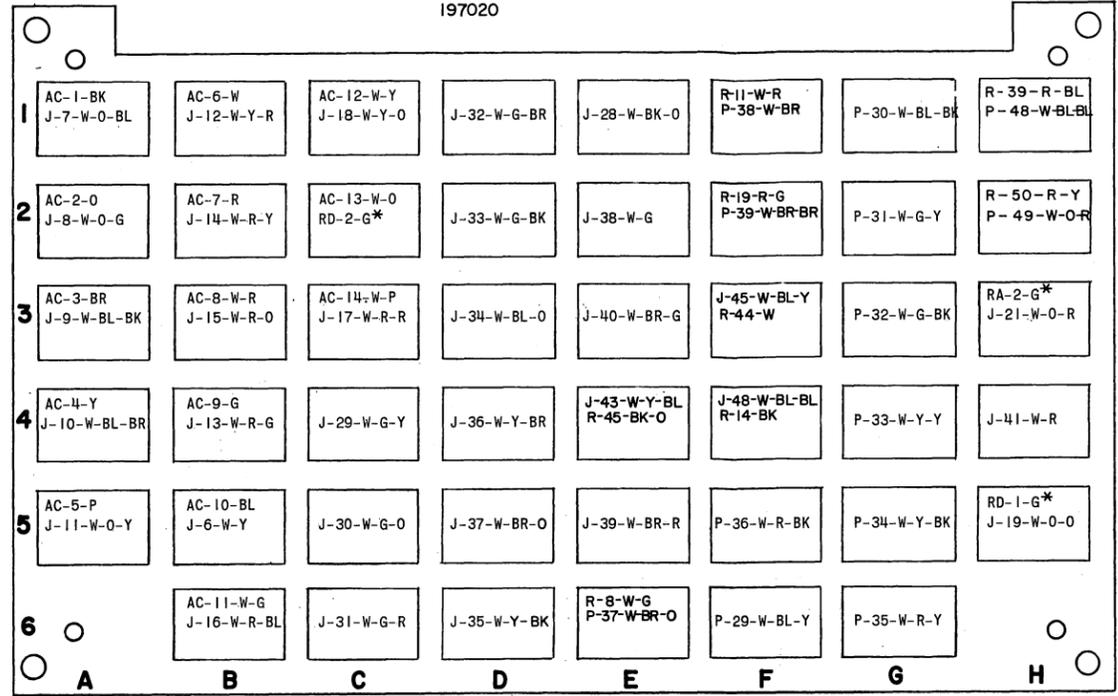
REVISIONS

ISSUE	DATE	AUTH. NO.
1	11-12-66	17555-R
2	12-11-67	94765-B

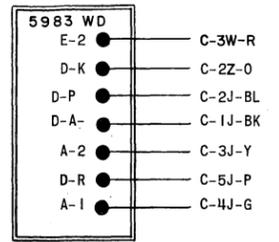
NOTE: REVISION INFORMATION MUST ALSO BE REFLECTED ON THE ISSUE CONTROL RECORD, WHICH IS A PART OF THIS DRAWING.

1. WIRING LEGEND:
 DISTANT TERMINATING AREA
 DISTANT TERMINATING DESIGNATION
 C-3A-BR
 WIRE COLOR CODE.
2. UNIT WIRED FOR 115V AC 60 CPS POWER INPUT ONLY.
3. CONNECTORS VIEWED FROM WIRING SIDE.
4. *ASTERISK FOLLOWING WIRE COLOR INDICATES 18GA. WIRE. ALL OTHER WIRE 24GA.
5. ASSOCIATED SCHEMATIC WIRING DIAGRAM 8008WD
6. NUMBERS IN PARENTHESES ARE NOT MARKED ON COMPONENTS.
7. FOR 60 MA. OPERATION THE 182630 CIRCUIT CARD MUST BE REPLACED BY THE 182631 CARD.
8. ASSOCIATED CABLE ASSEMBLIES:
 182510 - POWER
 198213 - TRANS. DIST. BASE
 320029 - KEYBOARD
 320260 - PAGE PRINTER
 320257 - TAPE READER
 320256 - BASIC FACILITIES
 320261 - MODE CONTROL
 320263 - DISTRIBUTOR
 319397 - REPERFORATOR
 320264 - PAPER WINDER
 320258 - INTERFACE, RECEPTACLE
 320259 - INTERFACE, PLUG
 165704 - MOTOR CONTROL RELAY
 195244 - SELECTOR MAGNET DRIVER
- 9.
10. SL-BL INDICATES SLOW-BLOWING
11. FACTORY SHALL REMOVE STRAP FROM D-H TO D-R ON SMD2 LPR SELECTOR MAGNET DRIVER (SEE 5983 WD)
12. WIRING STATUS:
 RECTANGULAR BOX INDICATES HISTORY OF WIRING CHANGES
 B - DENOTES WIRING BEFORE THE CHANGE DESCRIBED BY THE DESIGNATED NOTE ENTERED THE PRODUCT.
 A - DENOTES WIRING AFTER THE CHANGE DESCRIBED BY THE DESIGNATED NOTE ENTERED THE PRODUCT.
13. INPUT LEADS TO LXD CLUTCH MAGNET INTERCHANGED TO PROVIDE COMPATIBILITY WITH CUSTOMERS EQUIPMENT

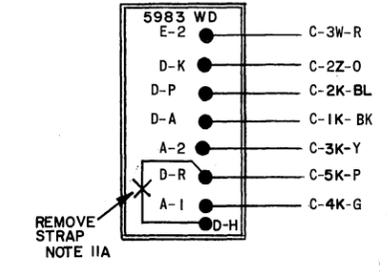
C WIRING FIELD 197020



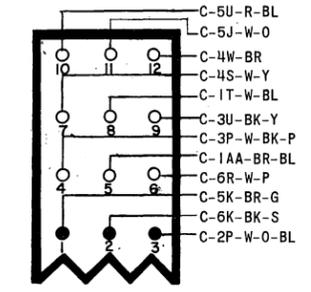
SMD1 193485 LP SELECTOR MAGNET DRIVER



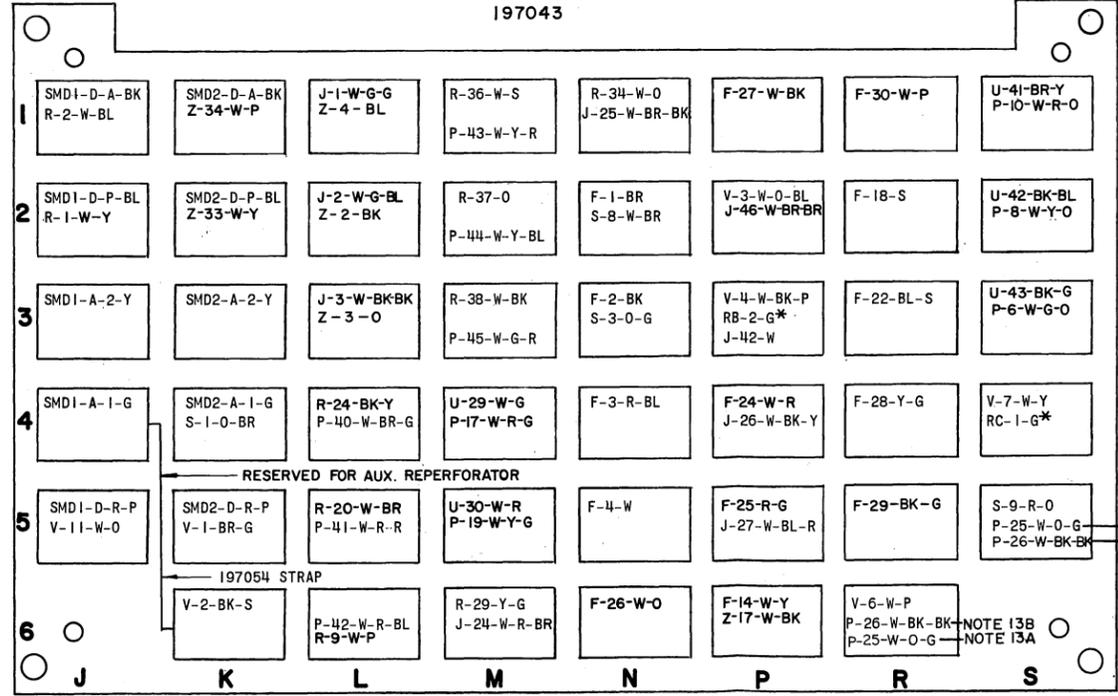
SMD2 193485 LPR SELECTOR MAGNET DRIVER



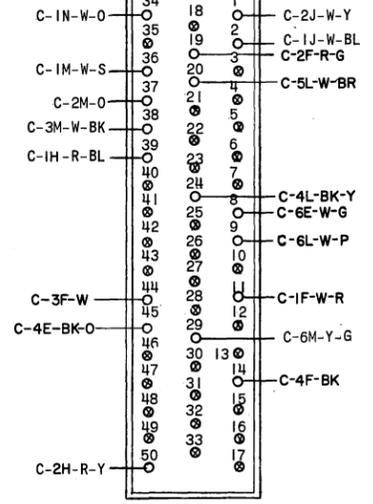
V MODE SWITCH CONNECTOR PLUG (182648)



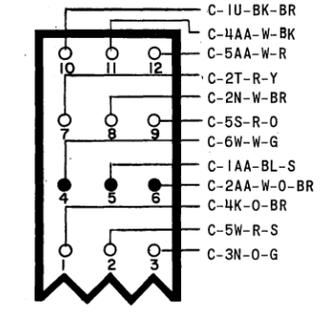
C WIRING FIELD 197043



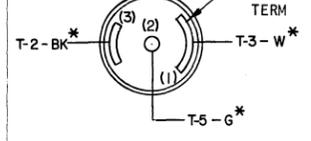
R PAGE PRINTER CONNECTOR RECEPTACLE (192014)



S MODE SWITCH CONNECTOR PLUG (182648)



EC LPW CONNECTOR RECEPTACLE (114466)



SEE ISSUE CONTROL RECORD FOR COMPLETE LIST OF SHEETS COMPRISING THIS W.D. SHEET 1

ACTUAL WIRING DIAGRAM OF LESU 341 MODEL 35 ELECTRICAL SERVICE UNIT

APPROVALS

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

E-NUMBER

PROD. NO. 8012WD

DATE 2-10-66

R.D. FILE NO. 2-A151.219A

DRAWN D. D. G.	CHKD. <i>rel</i>
ENGD. R. E. P.	APPD. <i>RRS</i>

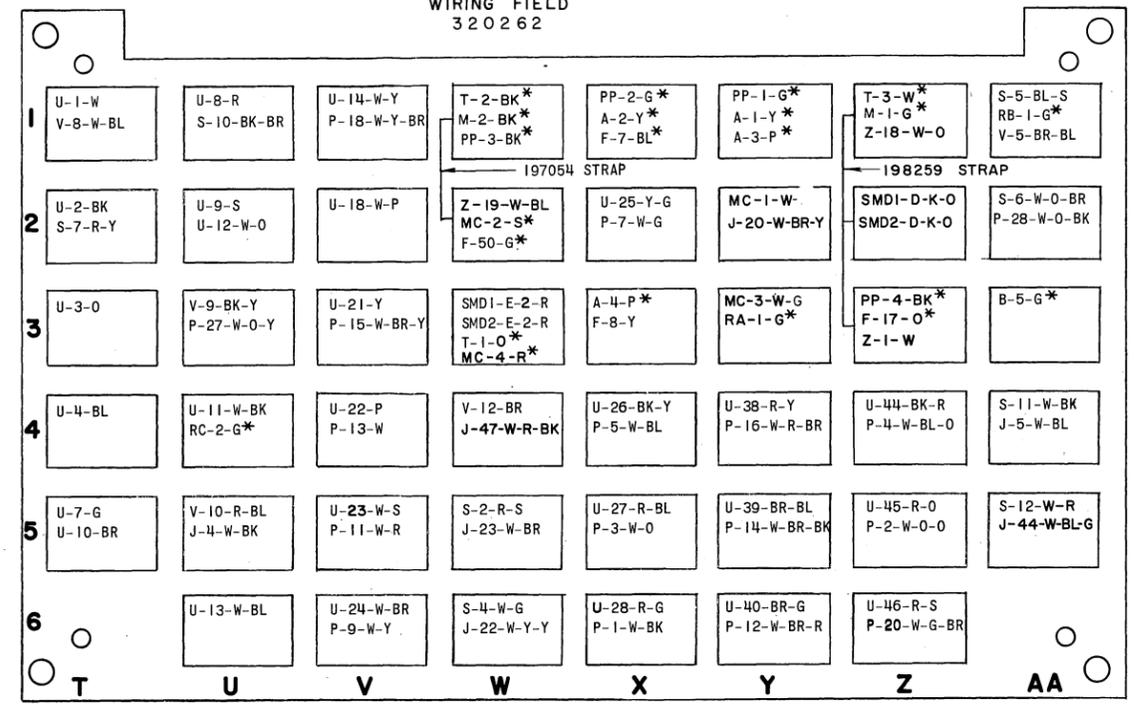
TELETYPE CORPORATION

8012 WD

79

REFER TO SHEET 1 FOR NOTES

C
WIRING FIELD
320262



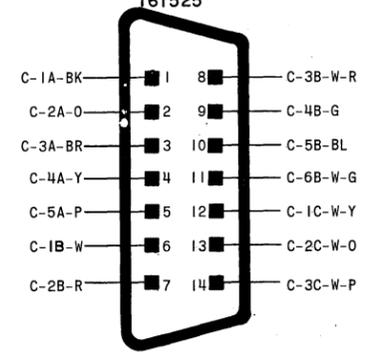
8012 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
1	11-12-66	17555-R
2	4-17-67	92282
3	12-11-67	94765-B

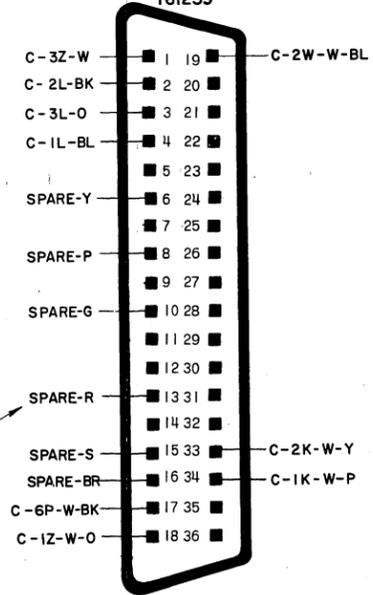
NOTE: REVISION INFORMATION MUST ALSO BE REFLECTED ON THE ISSUE CONTROL RECORD, WHICH IS A PART OF THIS DRAWING.

AC
LD CONNECTOR, PLUG
161525

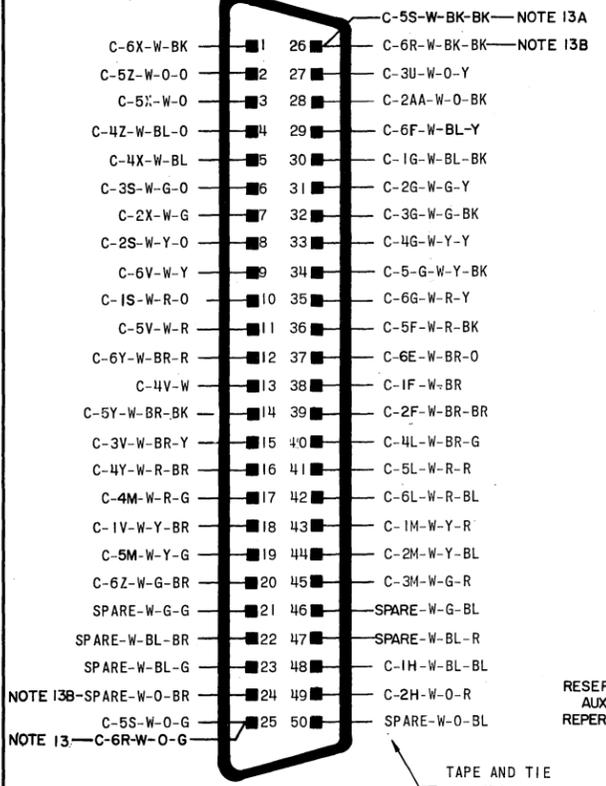


Z

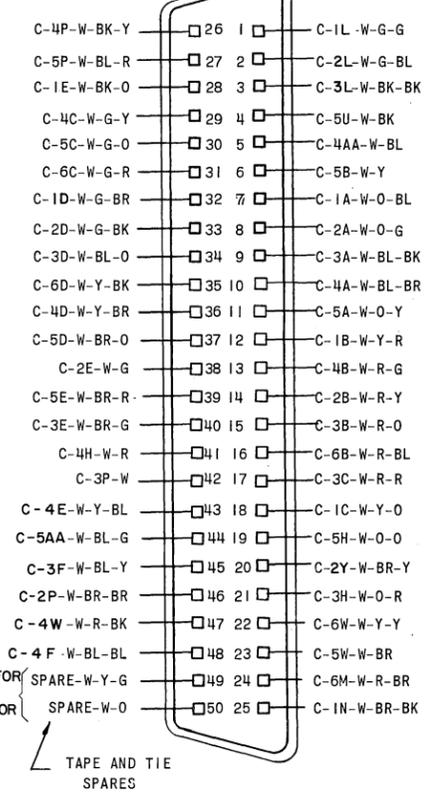
LPR CONNECTOR, PLUG
161239



P
CONNECTOR
PLUG
182732



J
CONNECTOR
RECEPTACLE
182733



SEE ISSUE CONTROL RECORD FOR COMPLETE LIST OF SHEETS COMPRISING THIS W.D. SHEET 2

ACTUAL
WIRING DIAGRAM
OF
LESU 341
MODEL 35 ELECTRICAL
SERVICE UNIT

APPROVALS

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

E-NUMBER
PROD. NO. 8012WD
DATE 2-10-66
P.D. FILE NO. 2-A151.219A
DRAWN DDG
ENG. REP

CHKD. *tol*
APPD. *RRS*

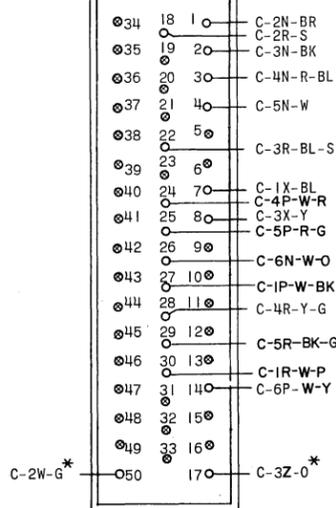
TELETYPE
CORPORATION

8012 WD

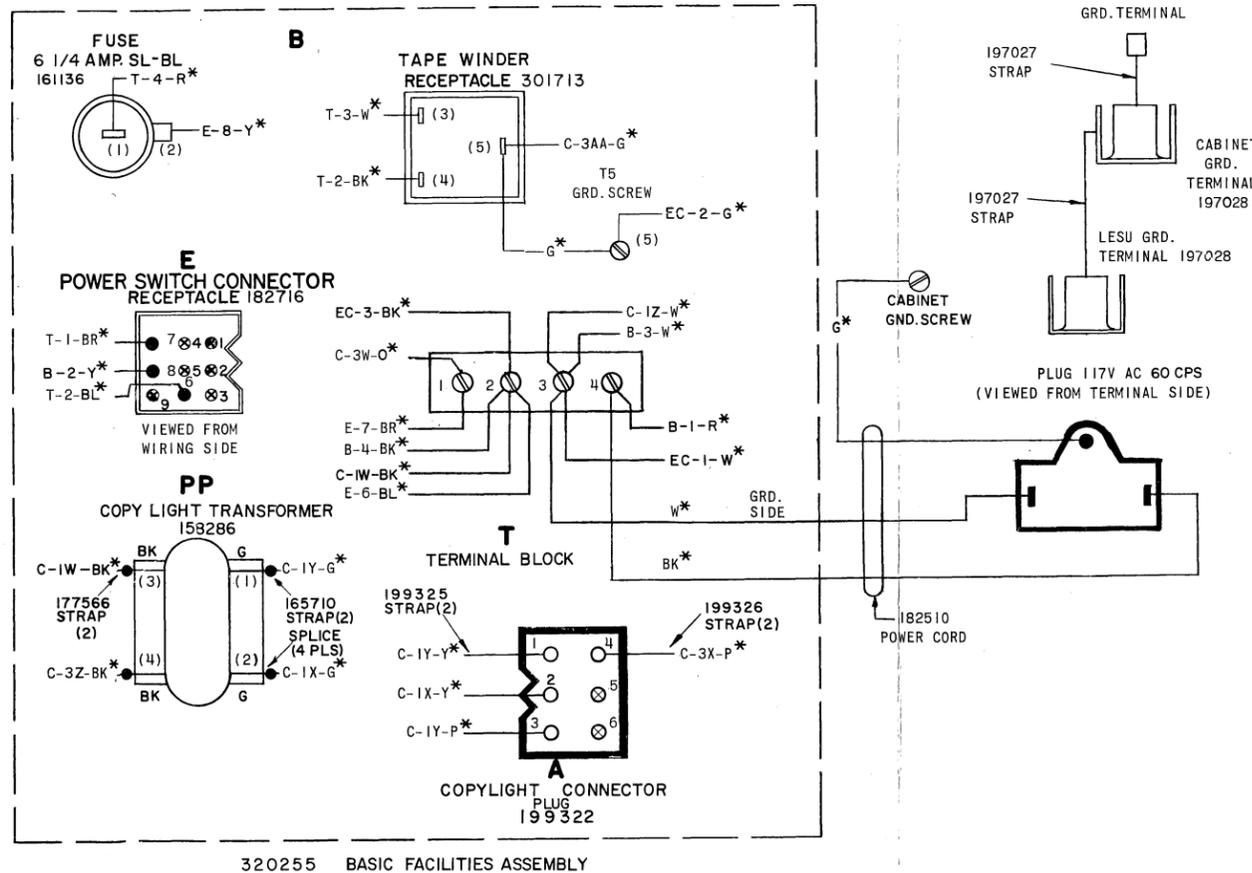
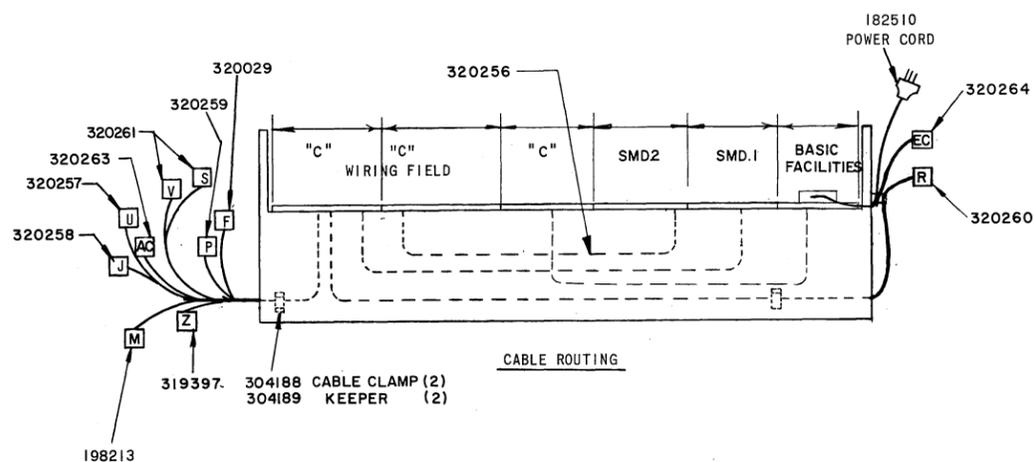
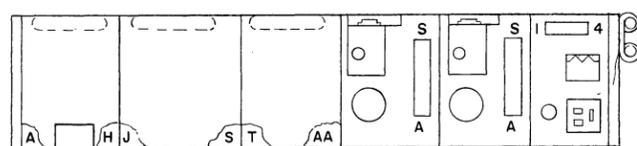
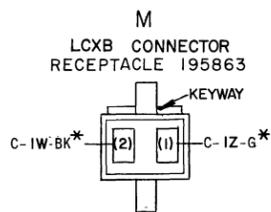
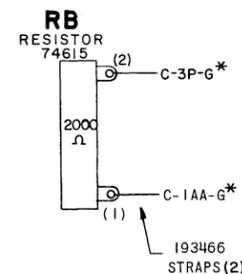
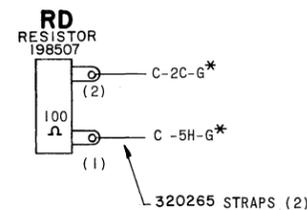
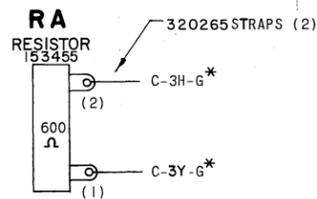
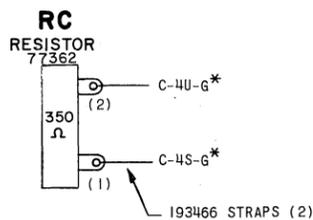
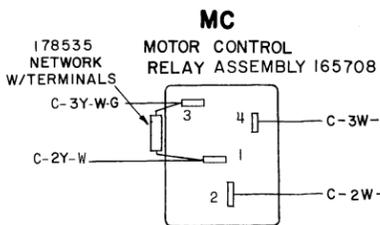
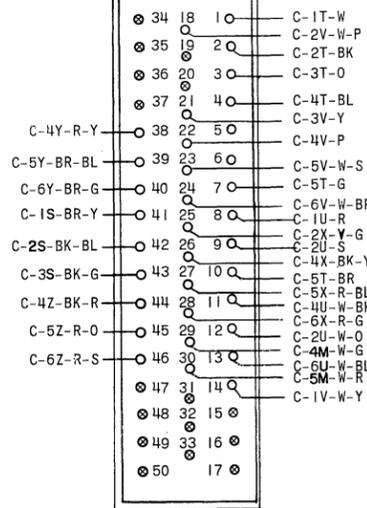
80

REFER TO SHEET 1 FOR NOTES

F
KEYBOARD CONNECTOR RECEPTACLE (192014)



U
TRANSMITTER DISTRIBUTOR CONNECTOR RECEPTACLE (192014)



8012 WD

REVISIONS		
ISSUE	DATE	AUTH. NO.
1	11-12-66	17555-R
2	4-17-67	92282

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

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

SHEET 3

ACTUAL WIRING DIAGRAM OF LESU 341 MODEL 35 ELECTRICAL SERVICE UNIT

APPROVALS

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

E-NUMBER
PROD. NO. 8012WD

DATE 2-10-66
P.D. FILE NO. 2-A151.219A

DRAWN DDG CHKD. *[Signature]*
ENGD. REP APPD. *[Signature]*

TELETYPE CORPORATION

8012 WD

8046 WD

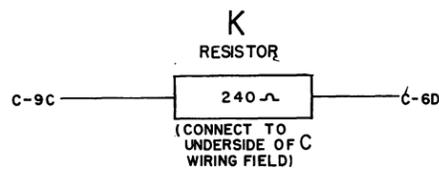
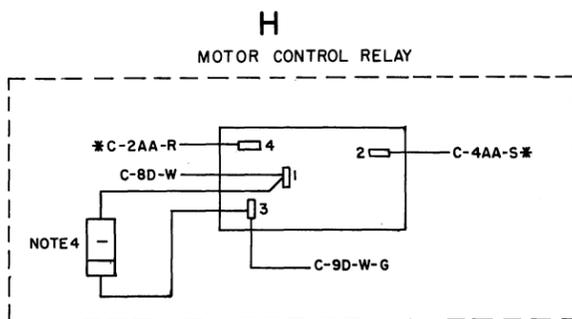
REVISIONS

ISSUE	DATE	AUTH. NO.
1	9-16-66	17788 R
2	2-20-67	92606
3	9-14-67	94394-D

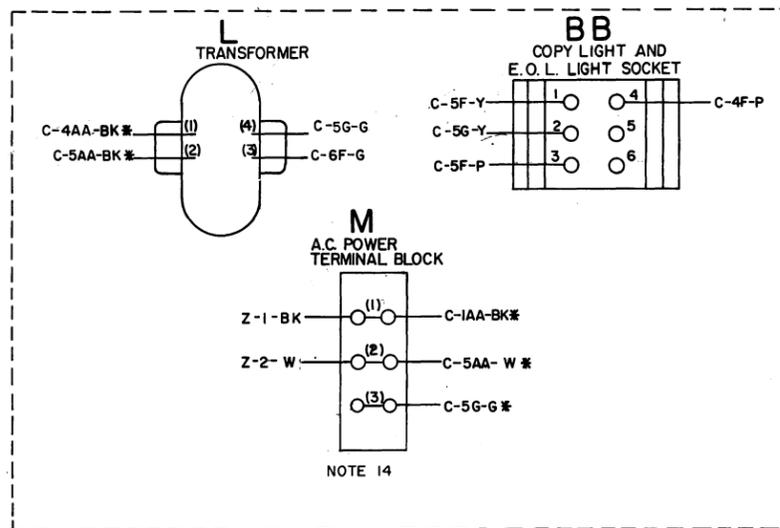
NOTE:
REVISION INFORMATION MUST ALSO BE REFLECTED ON THE ISSUE CONTROL RECORD, WHICH IS A PART OF THIS DRAWING.

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

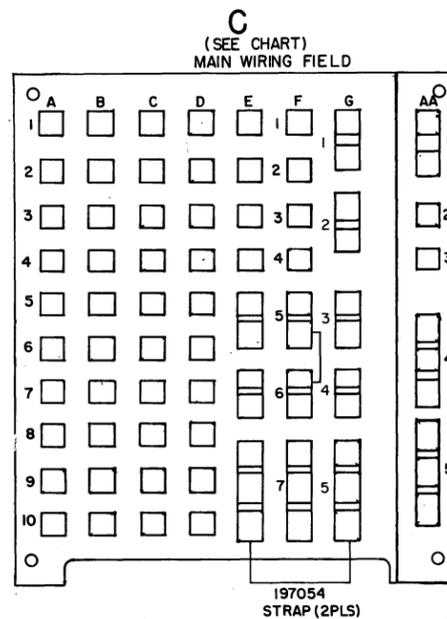
BK - BLACK	P - PURPLE
R - RED	W - WHITE
G - GREEN	O - ORANGE
BL - BLUE	S - SLATE
BR - BROWN	Y - YELLOW
 - COMPONENTS VIEWED FROM SOLDERED TERMINAL ENDS UNLESS INDICATED OTHERWISE.
 - NETWORK NO. 470 TELETYPE NO. 153631
 - SL-BL INDICATES SLOW BLOWING
 - * ASTERISK DENOTES 18 GA. WIRE.
 - FOR SCHEMATIC WIRING DIAGRAM SEE 8047 WD
 -
 - NUMBERS IN PARENTHESIS ARE FOR REFERENCE AND ARE NOT NECESSARILY MARKED ON COMPONENTS.
 - SELECTOR MAGNET DRIVER ACTUAL WIRING DIAGRAM IS 5983 WD.
 - THESE LEADS ARE NOT USED. TAPE AND TIE BACK TO CABLE.
 - RESISTANCE VALUES IN OHMS (Ω)
CAPACITANCE VALUES IN MICROFARADS (MFD)
 - ALL RESISTORS 1/2 WATT UNLESS OTHERWISE SPECIFIED
 - TERM NO'S AS SHOWN ARE RUBBER STAMPED ON COPY LITE ASSEM. MFG. PLATE. 1/8" HIGH NUMERALS.



COPYRIGHT ASSEMBLY
(320452)



NOTE 14



LEAD CONNECTED TO WIRING FIELD

ITEM NO.	TERM. DESIG.	TERM. POINT	COLOR	ITEM NO.	TERM. DESIG.	TERM. POINT	COLOR
1.	C-9B	R-1	O	41.	C-4AA	L-2	BK*
2.	C-10B	R-2	W-BR	42.	C-5AA	L-2	BK*
3.	C-3C	R-4	W-G	43.	C-6F	L-3	G
4.	C-4C	R-5	W-P	44.	C-5G	L-4	G
5.	C-5C	R-6	W-R	45.			
6.	C-6C	R-7	W-BL	46.	C-5F	BB-1	Y
7.	C-4D	R-8	R-Y	47.	C-5G	BB-2	Y
8.	C-5D	R-9	BK-R	48.	C-5F	BB-3	P
9.	C-2C	R-13	BR-BL	49.	C-4F	BB-4	P
10.	C-1B	R-14	BR-G	50.			
11.	C-5AA	R-17	BR-Y	51.	C-1AA	M-1	BK*
12.	C-1D	R-29	W-O	52.	C-5AA	M-2	W*
13.	C-2D	R-34	BK-G	53.	C-5G	M-3	G*
14.	C-3D	R-35	R-BL	54.			
15.	C-7D	R-36	BR-S	55.	C-5AA	P-2	W*
16.	C-10D	R-37	R-BR	56.	C-7E	P-3	G*
17.	C-2B	R-44	O-BR	57.			
18.	C-3B	R-45	BK-BL	58.	C-2AA	Q-1	S*
19.	C-9A	R-50	BK-BR	59.			
20.				60.	C-1AA	T-2	BK*
21.	C-9C	F-1	BK	61.			
22.	C-4B	F-2	BR	62.	C-9A	G-1	BK
23.	C-10C	F-3	G	63.	C-4AA	G-2	BK
24.	C-4G	F-4	W	64.			
25.		F-5	S	65.	C-7B	A-1	G
26.		F-6	P	66.	C-4AA	E-2	R
27.	C-5G	F-7	R	67.	C-9B	D-A	BK
28.	C-4F	F-8	Y	68.	C-5AA	D-K	O
29.	C-5AA	F-17	W*	69.	C-10B	D-P	BL
30.		F-18	W-S	70.	C-8B	D-R	P
31.	C-3AA	F-32	R*	71.			
32.	C-4AA	F-50	BL*	72.			
33.				73.	C-8B	B-1	W-BL
34.	C-8D	H-1	W	74.	C-6B	B-2	W-BK
35.	C-4AA	H-2	S*	75.	C-6D	B-3	W-R
36.	C-9D	H-3	W-G	76.			
37.	C-2AA	H-4	R*	77.			
38.				78.			
39.				79.			
40.				80.			

NOTE 11

NOTE 11

NOTE 11

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

SHEET 1

ACTUAL WIRING DIAGRAM FOR LESU 343 ELECTRICAL SERVICE UNIT USED ON VCL-391 KSR SET

APPROVALS

D AND R
E OF M

E-NUMBER

PROD. NO. 8046 WD

DATE 7-5-66

P.D. FILE NO. I-159.151AA

DRAWN D.G.S.

CHKD. *tdl*

ENGD. S.J.L.

APPD. *RRS*

TELETYPE CORPORATION

8046 WD

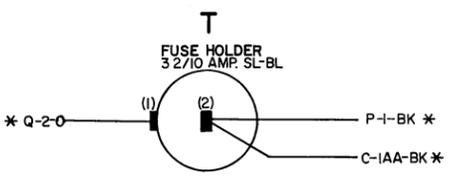
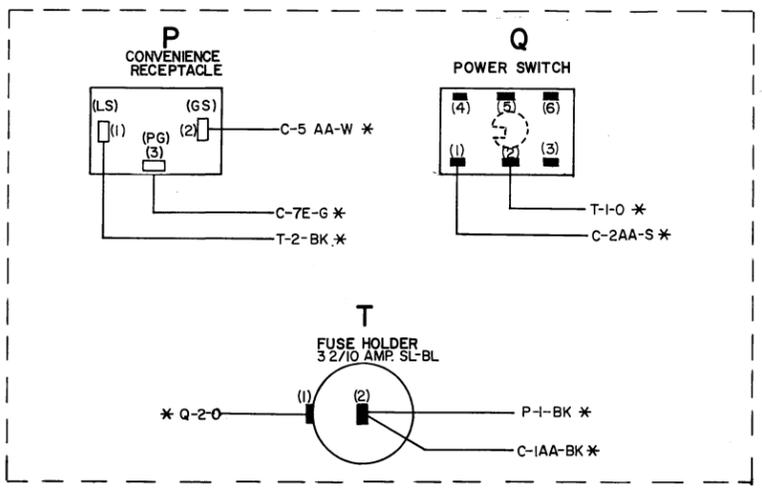
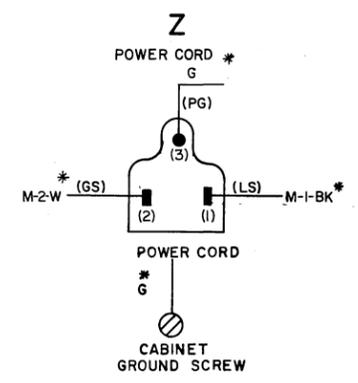
PART OF VCL-391

3

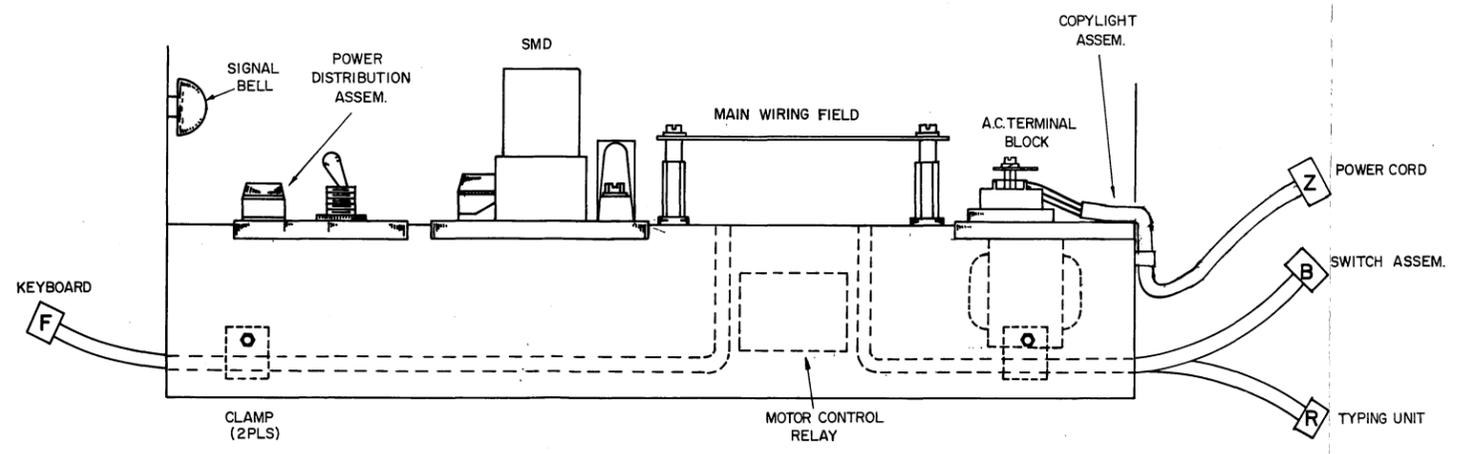
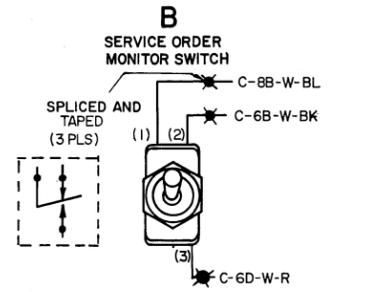
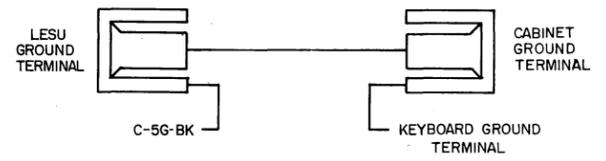
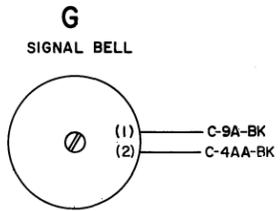
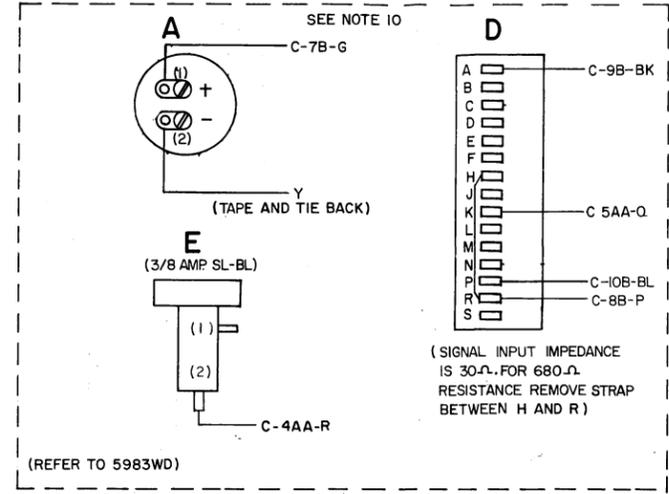
83

SEE SHEET 1 FOR NOTES

POWER DISTRIBUTION ASSEMBLY
(165699)



SMD
(193485)



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

8046 WD

REVISIONS		
ISSUE	DATE	AUTH. NO.
1	9-16-66	17788 R
2	2-20-67	92606
3	9-14-67	94394-D

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

SHEET 2

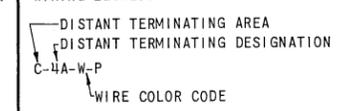
ACTUAL WIRING DIAGRAM FOR LESU 343 ELECTRICAL SERVICE UNIT USED ON VCL 391 KSR SET

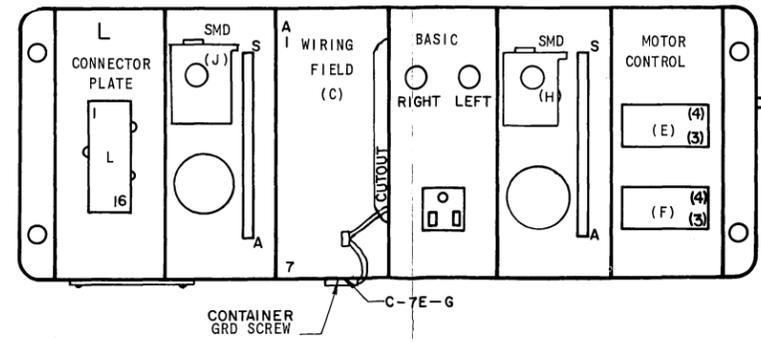
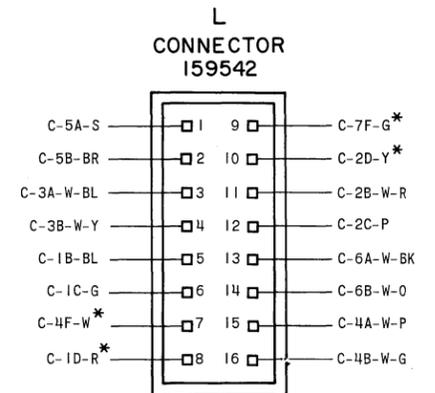
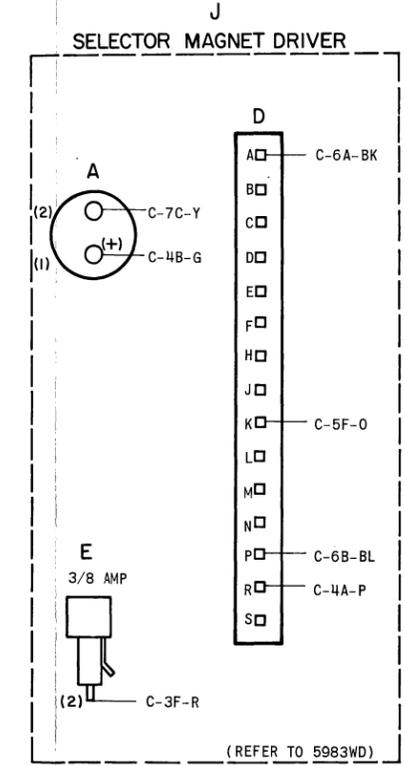
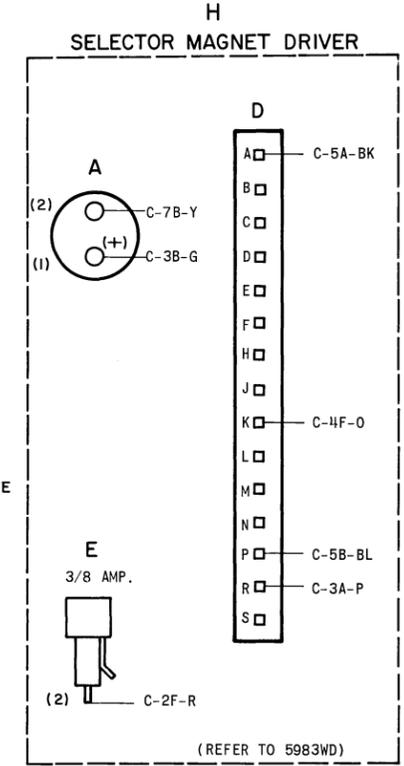
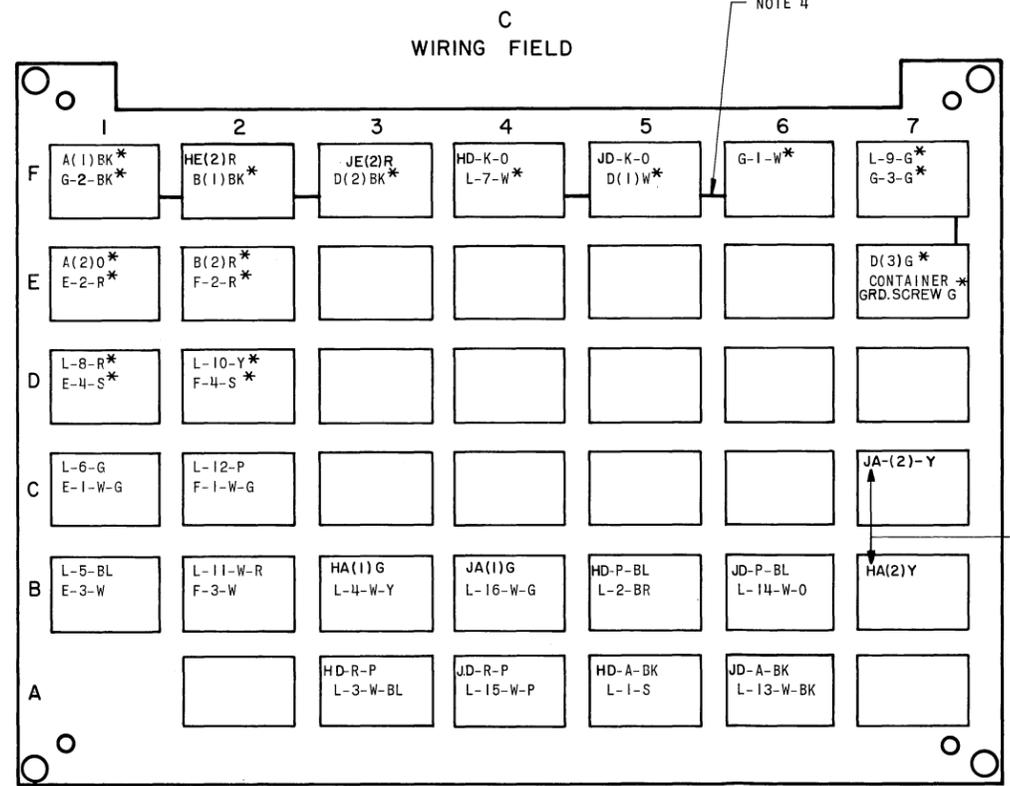
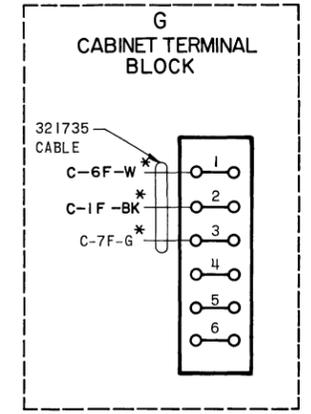
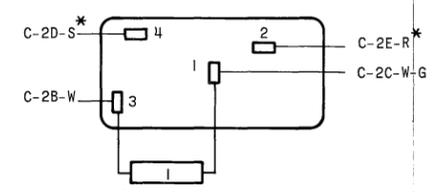
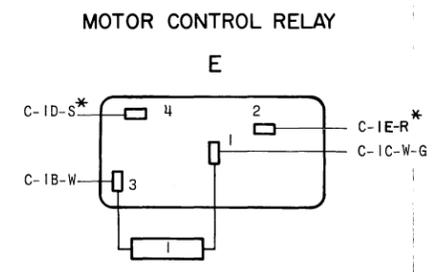
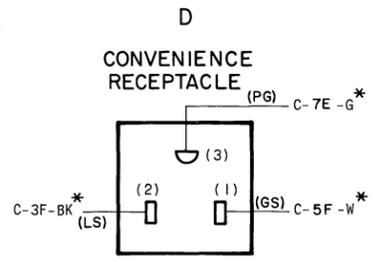
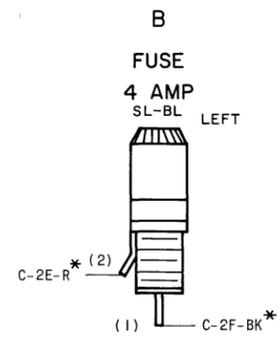
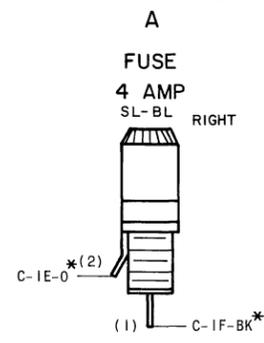
APPROVALS
D AND R: *APK*
E OF M: *[Signature]*

E-NUMBER
PROD. NO. 8046 WD
DATE 7-5-66
P.D. FILE NO. 1.159.151AA
DRAWN R.A.L. CHKD. *Tal*
ENGD. S.J.L. APPD. *RRS*

TELETYPE CORPORATION

8046 WD

NO.	NOTES
1.	WIRING LEGEND: 
2.	COLOR CODE: BK - BLACK P - PURPLE BR - BROWN O - ORANGE BL - BLUE G - GREEN S - SLATE Y - YELLOW R - RED W - WHITE
3.	CONNECTOR VIEWED FROM SOLDER TERMINAL.
4.	STRAPPING TO BE DONE WITH 39603RM WIRE, UNDER SIDE OF TERMINALS.
5.	FOR SCHEMATIC SEE 8064WD.
6.	CONTACTS SHOWN IN UNOPERATED OR DE-ENERGIZED POSITION.
7.	TERMINAL DESIGNATION ENCLOSED IN PARENTHESES ARE NOT MARKED ON COMPONENTS.
8.	ASSOCIATED CABLES: 321743 MOTOR CONTROL (2 REQ) E-F TO C 321742 MAIN CABLE L TO C 321735 POWER CABLE G TO C 323707 CABLE A-B-D TO C
9.	NETWORK VALUES: 
10.	SL-BL INDICATES SLOW-BLOWING
11.	* ASTERISK INDICATES 18GA WIRE
12.	
13.	TERMINAL AREA DESIGNATION WITH H OR J REFER TO THE HOR J SELECTOR MAGNET DRIVER. JA-HA ECT. ARE COMPONENTS WITHIN ASSOCIATED SMD.



8109 WD		
REVISIONS		
ISSUE	DATE	AUTH. NO.
1	1-23-67	18099-R
2	3-6-67	93155
3	8-16-67	94387-D

ACTUAL WIRING DIAGRAM FOR MODEL 35 LESU347 ELECTRICAL SERVICE ASSEMBLY

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

E-NUMBER	
PROD. NO.	8109WD
DATE	8-31-66
P.D. FILE NO.	40-A2/65AA
DRAWN R.T.S.	CHKD. <i>[Signature]</i>
ENGD. E.F.D.	APPD. <i>[Signature]</i>

TELETYPE CORPORATION
8109 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
1	11-1-66	18106-R
2	12-7-66	92140
3	3-30-67	93019
4	4-12-67	93156
5	8-23-67	94324-B

NOTE: REVISION INFORMATION MUST ALSO BE REFLECTED ON THE ISSUE CONTROL RECORD WHICH IS PART OF THIS W.D.

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

SHEET 1

ACTUAL WIRING DIAGRAM OF ELECTRICAL SERVICE UNIT LES1349 FOR MODEL 35 AGR SET

APPROVALS
D AND R E OF M

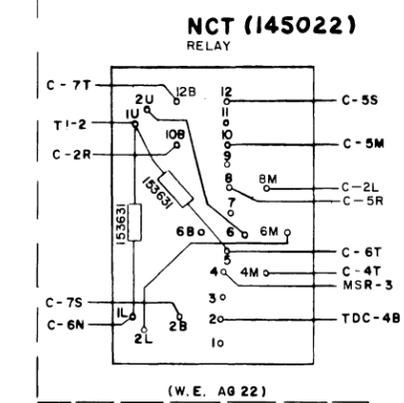
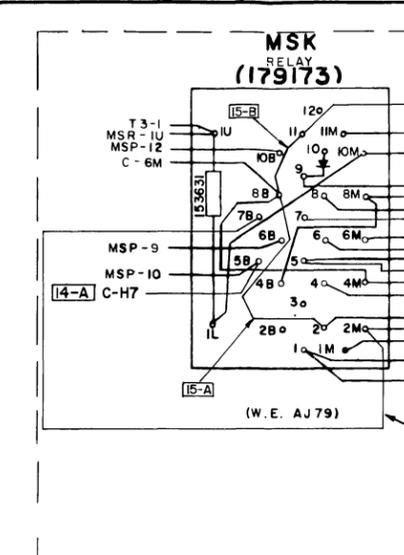
E-NUMBER
PROD. 8112WD
DATE 9-27-66
P.D. FILE NO. 5-A151.01JA
DRAWN CHKD. TDC
ENGD. P.M.L. APPD. RRS

TELETYPE CORPORATION

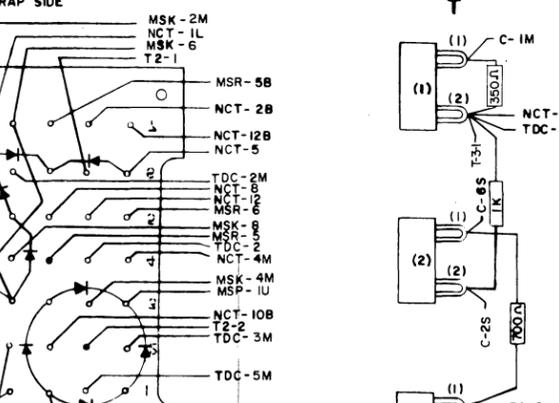
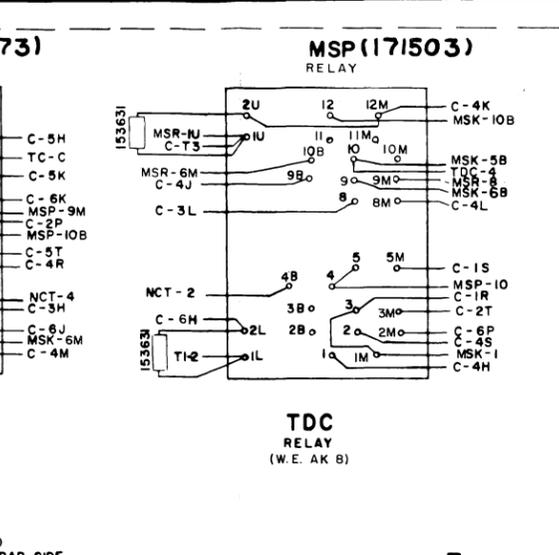
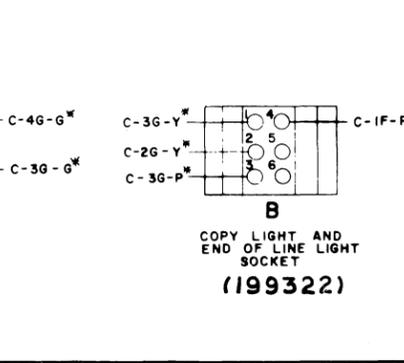
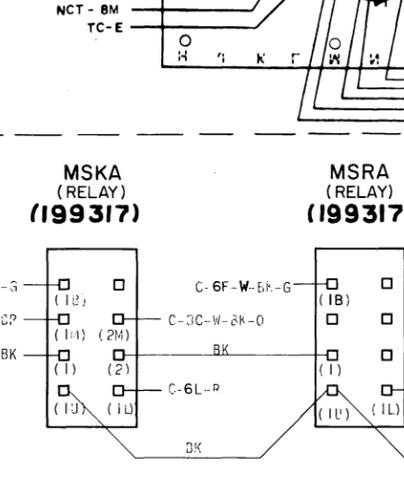
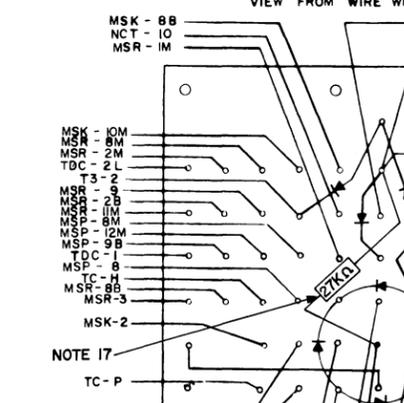
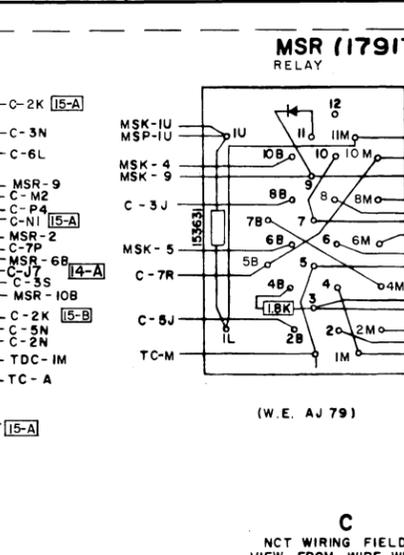
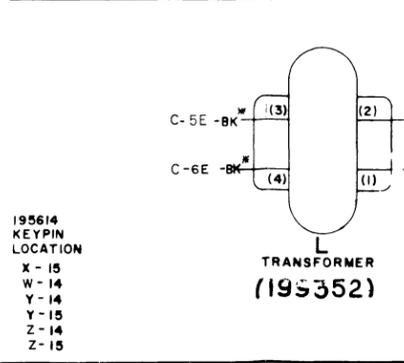
- NO. NOTES
- WIRING LEGEND:
DISTANT TERMINATING AREA
DISTANT TERMINATING DESIGNATION
WIRE COLOR CODE
 - COLOR CODE:
W-WHITE BK-BLACK
O-ORANGE BL-BLUE
Y-YELLOW BR-BROWN
P-PURPLE G-GREEN
S-SLATE R-RED
 - UNIT WIRED FOR 115 VOLTS 60 CPS INPUT ONLY.
 - RECEPTACLES VIEWED FROM WIRING SIDE.
 - * ASTERISK FOLLOWING WIRE COLOR INDICATES 18 GAGE WIRE.
 - ASSOCIATED CABLES:
193319 MSKA & MSPA CABLE ASSEMBLY
319397 LRPE OR LPK CABLE ASSEMBLY
323706 MAIN CABLE ASSEMBLY
193469 CALL CONTROL CABLE ASSEMBLY
193436 MODE SWITCHING CABLE ASSEMBLY
 - CONNECT EITHER LEAD OF BELL TO C-2AA AND THE REMAINING LEAD TO C-5AA AS INDICATED WHEN THE LESU IS INSTALLED.
 - FOR NCT WIRING FIELD, SEE SHEET 3
FOR MAIN WIRING FIELD, SEE SHEET 4
 - ALL COMPONENT LEADS EXCEPT THE 182520 SILICON RECTIFIERS ARE COVERED WITH 60339RM VINYL GLASS TUBING.
 - TAPE AND TIE BACK TO MAIN BODY OF CASE
 - WIRING STATUS:
RECTANGULAR BOX INDICATES HISTORY OF WIRING CHANGES
B - DENOTES WIRING BEFORE THE CHANGE DESCRIBED BY THE DESIGNATED NOTE NUMBER ENTERED THE PRODUCT.
A - DENOTES WIRING AFTER THE CHANGE DESCRIBED BY THE DESIGNATED NOTE ENTERED THE PRODUCT.
 - ADDITIONAL CIRCUITRY ADDED FOR CONTROL OF TRANSMITTER DISTRIBUTOR IN 'K' MODE.
 - WIRING WAS CHANGED TO PROVIDE PROPER MSK RELAY CONTACT OPERATION SEQUENCE WITH 323609 SIGNAL REGENERATOR CIRCUIT CARD.
 - CONNECTOR LEGEND:
● INDICATES MALE TERMINAL
○ INDICATES FEMALE TERMINAL
⊙ INDICATES KEYPIN
 - 27KΩ RESISTOR IS NOT PRESENT ON SOME SETS.

LEADS CONNECTED TO WIRING FIELDS		
TERMINAL DESIG.	TERMINATING POINT ON CONN.	COLOR
(15-A) C-5N	F4	W
C-3S	F2	BK
C-2M	F1	BR
C-1N	F3	W-BR
(15-B) C-3N	F4	W
C-2N	F5	W-G
C-6N	F6	BK-G
C-2G	F7	O-BR
C-2C	F8	O-S
SPARE	F9	BK-Y
SPARE	F10	R-BL
C-5AA	F17	O-X
C-1AA	F20	R-X
C-4AA	F50	G-X
(15-B) C-5N	F18	W-O-G
C-1C	F22	W-BK-P
C-3C	F28	W-BK-O
C-3F	F14	X
(15-A) C-3N	F18	W-O-G
R - CONNECTOR		
C-9A	R1	W-Y
C-8A	R2	BR
C-5G	R3	BL
C-4C	R4	W-O-G
C-3M	R5	O-BR
C-3B	R6	W-O-BL
C-7F	R7	BK-Y
C-8C	R8	R-BR
C-8B	R9	W
C-9D	R10	W-G
C-4B	R11	W-P
C-2L	R12	G
C-2AA	R17	W-BL
C-7B	R18	BL-G
C-1G	R19	R-S
C-2B	R20	P
C-5A	R21	Y
C-4A	R22	O
C-10A	R23	W-R
C-5M	R24	O-S
C-7F	R25	BK
C-7Y	R26	R-G
C-9C	R27	W-BR
C-5G	R28	W-O
C-6A	R29	BR-Y
C-3A	R34	BK-G
C-10C	R35	R-BL
C-5F	R36	R-Y
C-2A	R37	BK-R
C-1A	R38	R
C-1B	R39	W-BK-R
C-7T	R40	Y-G
C-7A	R41	BR-G
C-5B	R42	W-BK
C-9B	R43	W-S
C-5G	R44	R-O
C-3M	R45	O-G
C-6F	R50	S
R-13	R14	STRAP
U - CONNECTOR		
C-4P	U2	BR-G
C-7K	U1	W-BK
C-1N	U3	BK-Y
C-7M	U4	W-Y
C-3D	U5	R-G
C-4D	U6	BK-BL
C-7D	U7	BL-S
C-5D	U8	R-S
C-6P	U9	BR-Y
C-4G	U10	G-S
C-4N	U11	W-P
C-1P	U12	W-S
C-6D	U24	BK-S
C-2K	U18	W-O-G
A - CONNECTOR		
C-5G	A1	BR-BL
C-3P	A2	W-O
C-5G	A3	R-BR
C-6R	A4	W-R
C-6T	A6	BL
C-5R	A7	W-BL
C-7F	A10	G
C-1H	A11	R-G
C-1L	A12	O
X - CONNECTOR (6)		
C-1L	X1	R-S
C-4R	X2	W-BK
C-2A	X3	BK
C-3G	X4	W
C-7P	X5	G
C-5F	X6	BR-G
C-7E	X7	BL-G
C-3T	X8	W-Y
C-2R	X9	P
C-10A	X10	BR-BL
C-3A	X11	BL
C-6A	X12	Y-G
C-4C	X13	W-BR
KEYPIN	X15	195614

W - CONNECTOR (7)		
TERMINAL DESIG.	TERMINATING POINT ON CONN.	COLOR
C-1R	W1	BR-S
C-7R	W2	BK-BL
C-9A	W3	R-BR
C-8A	W4	O-BR
C-7N	W5	BL-G
C-1AA	W6	R-X
C-4AA	W7	O-X
C-5AA	W8	G-X
C-6S	W9	O-G
C-5L	W10	R-O
C-1T	W11	W-O-G
C-3R	W12	R-S
C-7B	W13	O-S
KEYPIN	W14	195614
V - CONNECTOR (8)		
C-4E	V1	Y
C-3E	V2	W-P
C-6M	V3	BK-S
C-3H	V4	R-Y
C-2L	V5	R-BR
C-5S	V6	BR
C-5A	V7	R-O
C-8B	V8	W-O
C-10C	V9	O-S
C-1B	V10	G-S
C-1A	V11	BK-BR
C-4F	V12	W-G
C-3B	V13	G
C-8C	V14	BK-O
C-5P	V15	BK-G
Z - CONNECTOR (3)		
C-2B	Z2	BR-S
C-7S	Z4	O-S
C-1G	Z5	BR
C-2E	Z6	G-S
C-3S	Z7	O
C-3L	Z8	BK-R
C-2F	Z9	BR-Y
C-4N	Z10	BL-S
C-4S	Z11	R
C-3K	Z12	BR-BL
C-4L	Z1	Y
C-6B	Z13	BK-BL
KEYPIN	Z14	195614
KEYPIN	Z15	195614
Y - CONNECTOR (4)		
C-5B	Y1	W-BL
C-4A	Y2	S
C-9B	Y3	R-Y
C-5T	Y4	W-G
C-5D	Y5	BK-R
C-6D	Y6	P
C-7D	Y7	BK-G
C-8D	Y8	O
C-1E	Y9	W-BK
C-4T	Y10	R-BL
C-2T	Y11	W-O-BL
C-1S	Y12	W-BK-R
KEYPIN	Y14	195614
KEYPIN	Y15	195614
CD LAMP STRIP		
C-5J	CD-HL	W-O-BR
C-6J	CD-IL	W-G
C-4J	CD-2L	W-R-BK
C-3J	CD-3L	W-BL-O
C-6K	CD-4L	S
C-2E	CD-5L	R
C-2S	CD-HLG	G
CE LAMP STRIP		
C-2F	CE-2L	W-R
C-4H	CE-3L	W-R-O
CA MODE SWITCHING		
C-6L	CA-3	O
C-7E	CA-10	W-R-S
C-5K	CA-14	W-BR
C-4K	CA-15	BL
C-5H	CA-21	Y
C-7P	CA-24	BR
C-2G	CA-25	BK
CB - TD - CONTROL KEYS		
C-3E	CB-1	W-R-BR
C-4E	CB-2	W-O-G
C-5R	CB-4	W-O
C-7A	CB-5	W-G-S
C-5S	CB-6	W-BL
C-5M	CB-10	W-G-BK
C-7E	CB-12	W-S
C-7E	CB-13	W-O-BK
C-8D	CB-20	W-R-G
C-10B	CB-24	W-R-BL
C-6B	CB-25	W-BL-BR



LEADS CONNECTED TO WIRING FIELD		
TERMINAL DESIG.	TERMINAL ON CONNECTOR	COLOR
C-5E	Z21	W
SPARE	Z22	BK
SPARE	Z23	O
SPARE	Z24	BL
SPARE	Z26	Y
SPARE	Z28	P
SPARE	Z29	R
SPARE	Z30	S
SPARE	Z31	BR
SPARE	Z32	W-BK
SPARE	Z33	W-BL
SPARE	Z34	W
SPARE	Z35	BK
SPARE	Z36	O
SPARE	Z37	BL
SPARE	Z38	Y
SPARE	Z39	P
SPARE	Z40	R
SPARE	Z41	S
SPARE	Z42	BR
SPARE	Z43	W-BK
SPARE	Z44	W-BL
SPARE	Z45	W
SPARE	Z46	BK
SPARE	Z47	O
SPARE	Z48	BL
SPARE	Z49	Y
SPARE	Z50	P
SPARE	Z51	R
SPARE	Z52	S
SPARE	Z53	BR
SPARE	Z54	W-BK
SPARE	Z55	W-BL
SPARE	Z56	W
SPARE	Z57	BK
SPARE	Z58	O
SPARE	Z59	BL
SPARE	Z60	Y
SPARE	Z61	P
SPARE	Z62	R
SPARE	Z63	S
SPARE	Z64	BR
SPARE	Z65	W-BK
SPARE	Z66	W-BL
SPARE	Z67	W
SPARE	Z68	BK
SPARE	Z69	O
SPARE	Z70	BL
SPARE	Z71	Y
SPARE	Z72	P
SPARE	Z73	R
SPARE	Z74	S
SPARE	Z75	BR
SPARE	Z76	W-BK
SPARE	Z77	W-BL
SPARE	Z78	W
SPARE	Z79	BK
SPARE	Z80	O
SPARE	Z81	BL
SPARE	Z82	Y
SPARE	Z83	P
SPARE	Z84	R
SPARE	Z85	S
SPARE	Z86	BR
SPARE	Z87	W-BK
SPARE	Z88	W-BL
SPARE	Z89	W
SPARE	Z90	BK
SPARE	Z91	O
SPARE	Z92	BL
SPARE	Z93	Y
SPARE	Z94	P
SPARE	Z95	R
SPARE	Z96	S
SPARE	Z97	BR
SPARE	Z98	W-BK
SPARE	Z99	W-BL
SPARE	Z100	W



REFER TO NOTES
ON PAGE 1

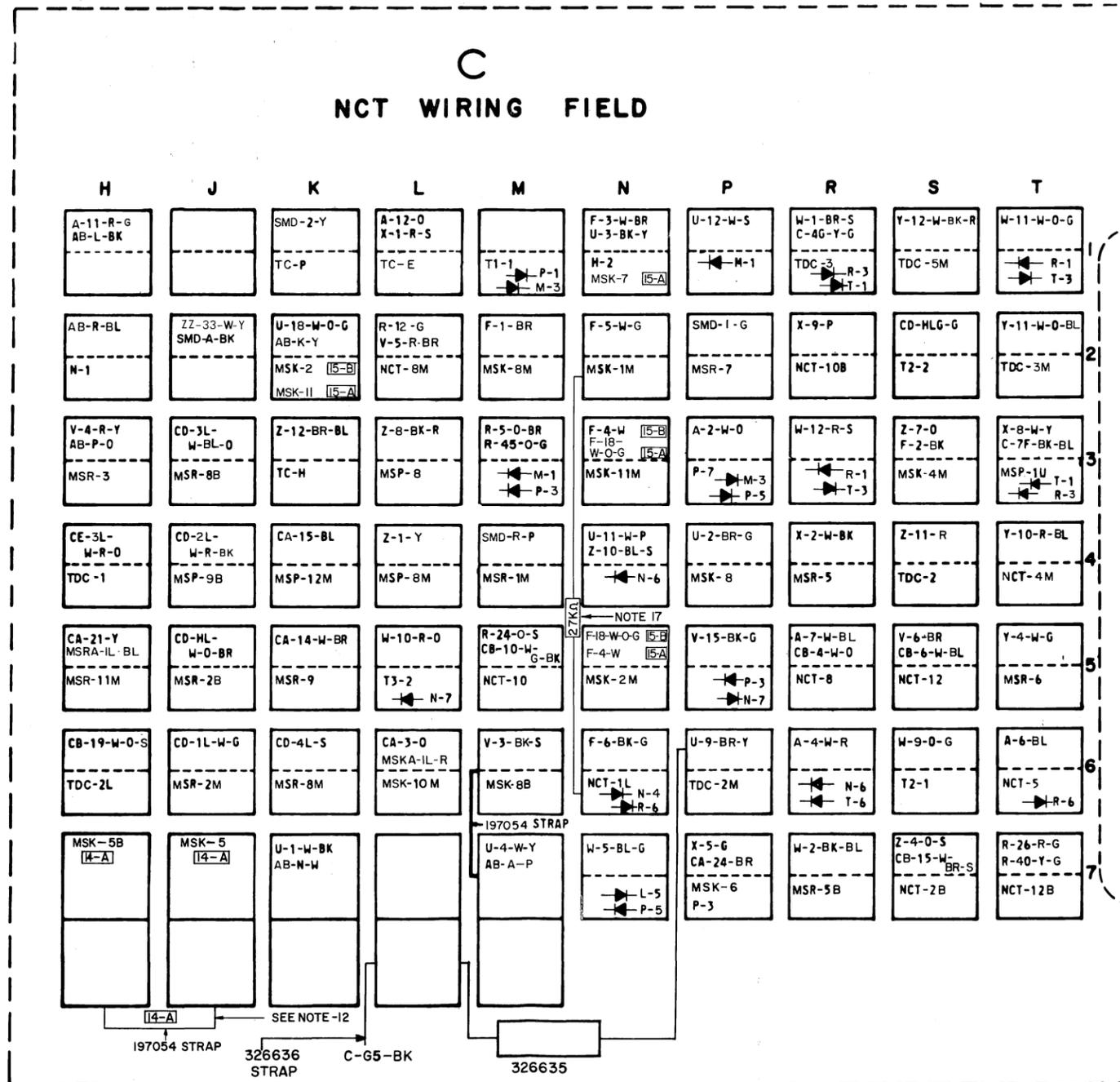
NOTE: REVISION INFORMATION MUST ALSO BE REFLECTED
ON THE ISSUE CONTROL RECORD, WHICH IS PART
OF THIS W.D.

8142 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
1	11-1-66	18106-R
2	12-7-66	92140
3	2-23-67	93280
4	3-30-67	93019
5	8-23-67	94324-B

C
NCT WIRING FIELD



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

SHEET 3
ACTUAL
WIRING DIAGRAM
OF
ELECTRICAL SERVICE
UNIT LESU349
FOR
MODEL 35 ASR SET

APPROVALS	
D AND R	E OF M
E-NUMBER	
PROD. NO. 8142WD	
DATE 9-27-66	
P.D. FILE NO. G-A151.219A	
DRAWN R W D.	CHKD. <i>fdl</i>
ENGD. R.H.L.	APPD. <i>RRS</i>

TELETYPE
CORPORATION

8142 WD

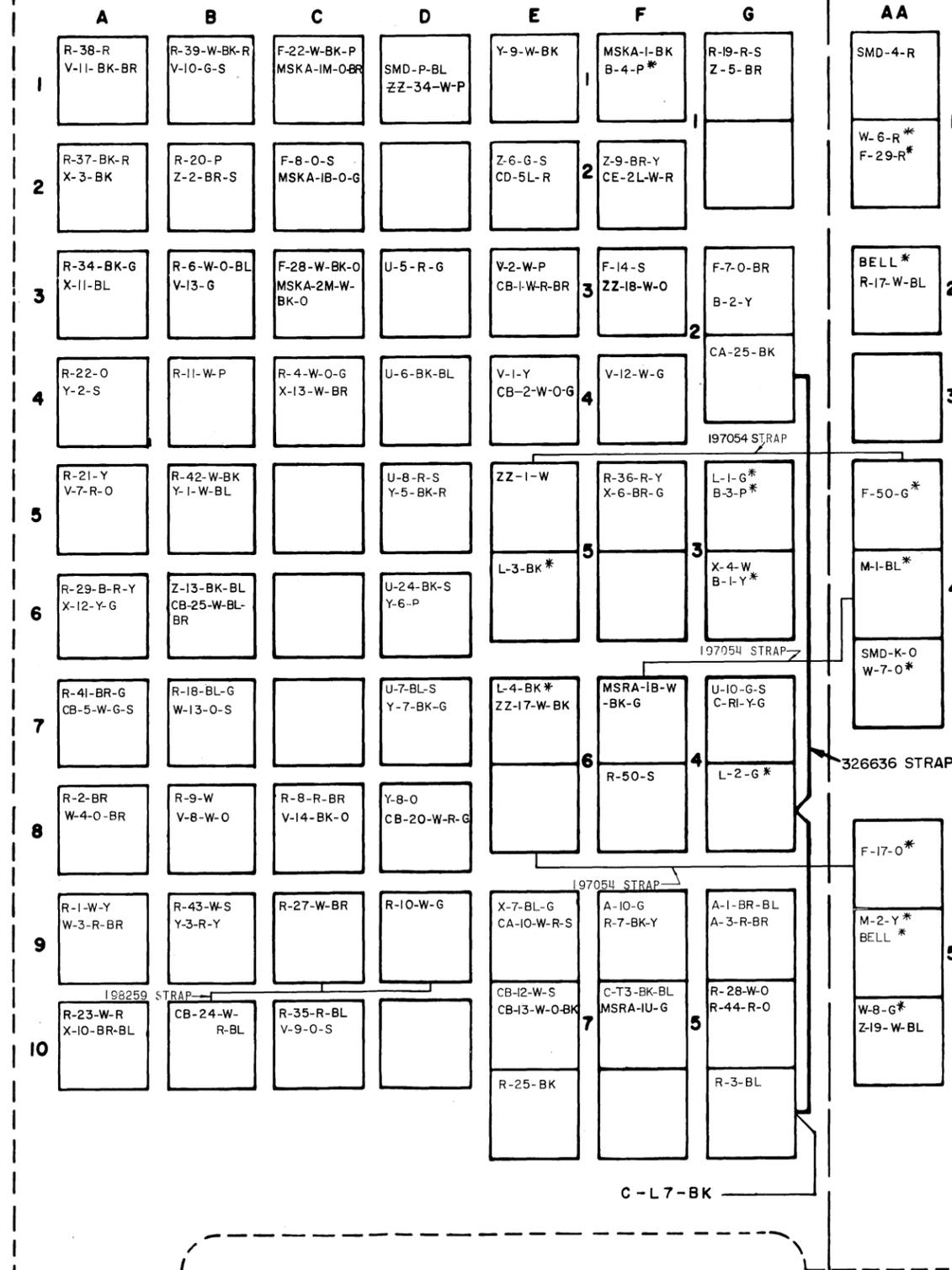
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8142 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
1	11-1-66	18106-R
2	2-23-67	93280

C
MAIN WIRING FIELD



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

SHEET 4

ACTUAL
WIRING DIAGRAM
OF
ELECTRICAL SERVICE
UNIT LESU349
FOR
MODEL 35 ASR SET

APPROVALS

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

E-NUMBER

PROD. NO. 8142WD

DATE 9-27-66

P.D. FILE NO. G-A151.219A

DRAWN
ENGD. R.H.L. APPD. RRS

TELETYPE
CORPORATION

8142 WD

ISSUE CONTROL RECORD

8146 WD

NO.

NOTES

SUPPORTING INFORMATION

CONTENTS

SHEET NO.

ISSUE

REVISIONS APPLYING TO THIS CONTROL RECORD

1.

CATEGORY

NO.

FS-1 POWER AND AC CONTROL CIRCUITS

B1

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
X	X																

ISSUE	DATE	AUTH. NO.
1	11-16-67	18232-R
2	2-5-68	95334
3	2-12-68	95117

FS-2 SIGNAL AND MOTOR CONTROL CIRCUITS

B2

FS-3 TAPE CONTROL AND INDICATION CIRCUITS

B3

LESU 346 WIRING

W1

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
X	X																

LESU 346 WIRING

W2

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
X	X																

ISSUE CONTROL SHEET OF

SCHEMATIC AND ACTUAL WIRING DIAGRAM FOR M35 ROTR EQUIPPED WITH LESU 346

WD NUMBER 8146 WD

DRAWN T.L.S. CHKD. *Am*
 ENGD. R.L.F. APPD. *RRS*

TELETYPE CORPORATION

8146 WD

SEE SHEET WI FOR NOTES

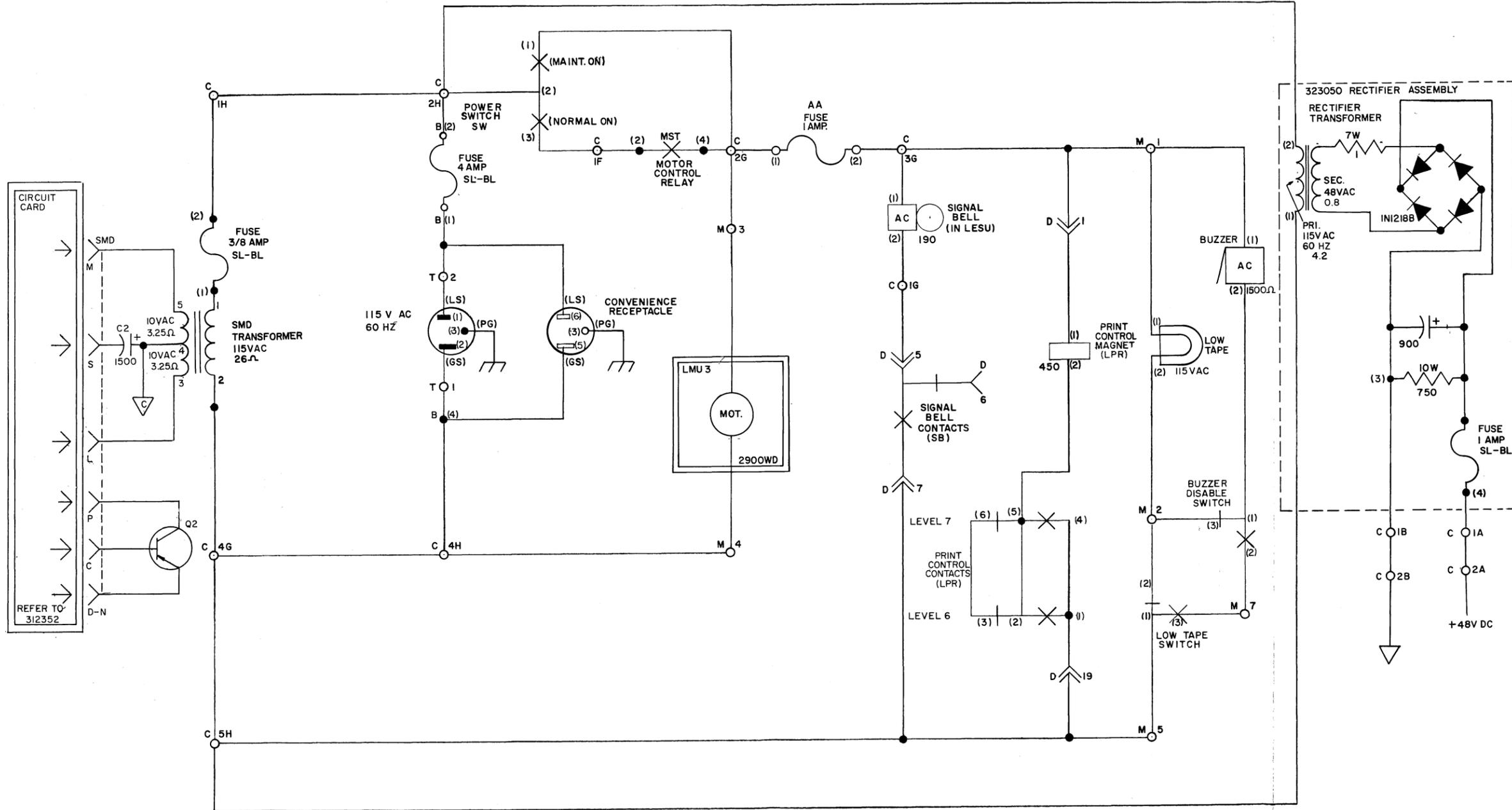
FS-1 POWER AND A.C. CONTROL CIRCUITS

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

8146 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
1	11-16-67	18232-R
2	2-2-68	95334
3	2-12-68	95117



SEE ISSUE CONTROL RECORD FOR COM-
PLETE LIST OF SHEETS COMPRISING THIS
W.D.

SHEET B1

SCHEMATIC
AND
ACTUAL
WIRING DIAGRAM
FOR
M35 ROTR
EQUIPPED WITH
LESU 346

APPROVALS

D AND R <i>[Signature]</i>	E OF M <i>[Signature]</i>
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E-NUMBER 143737- B1

PROD. NO. 8146 WD-B1

DATE 7-29-65

R.D. FILE NO. 4-A151/116AA

DRAWN R. W. D.	CHKD. <i>[Signature]</i>
ENGD. J. E. G.	APPD. <i>[Signature]</i>

TELETYPE
CORPORATION

8146 WD

SEE SHEET WI FOR NOTES

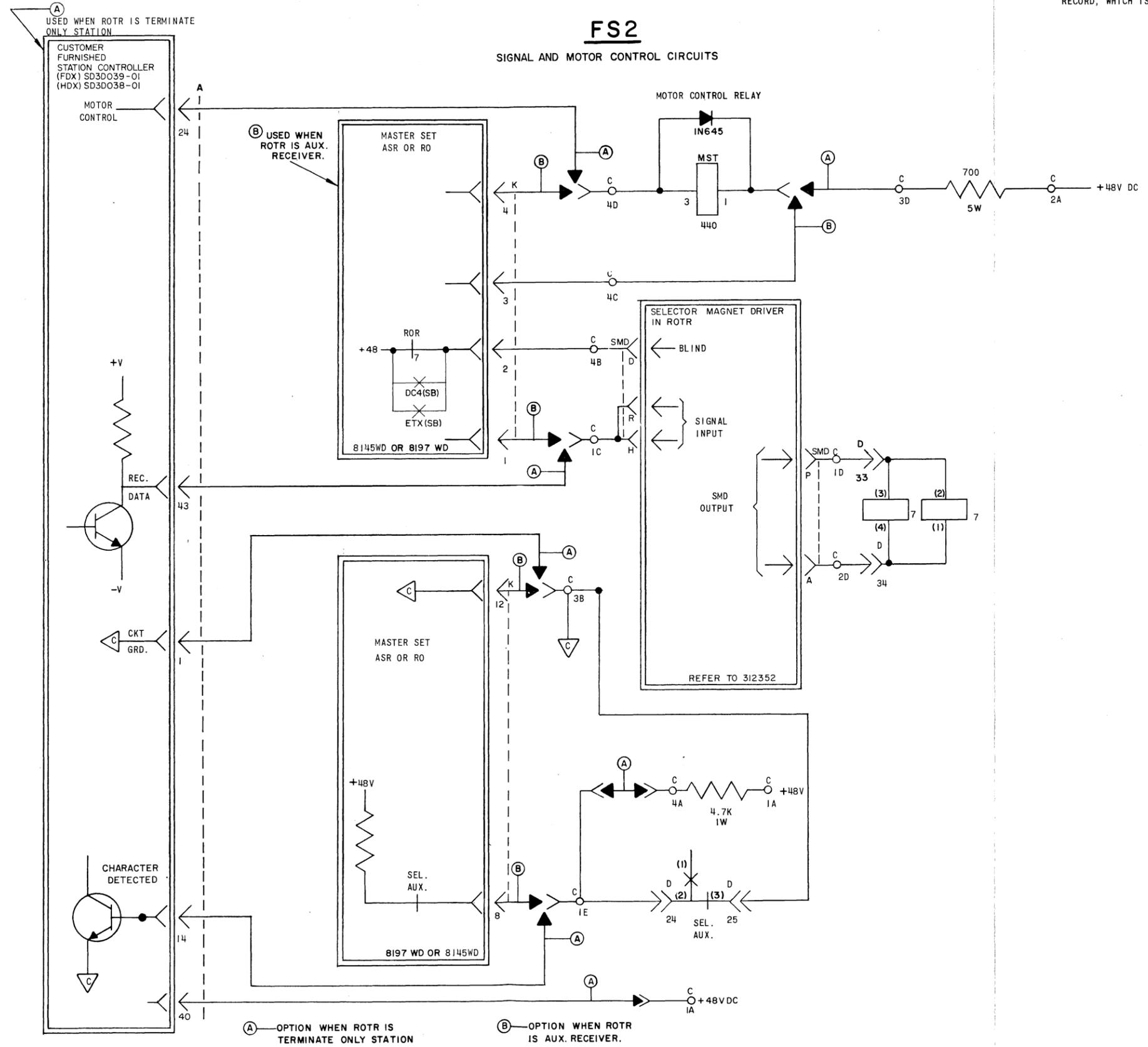
NOTE: REVISION INFORMATION MUST ALSO BE REFLECTED ON THE ISSUE CONTROL RECORD, WHICH IS PART OF THIS W.D.

8146 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
1	11-16-67	18232-R

FS2
SIGNAL AND MOTOR CONTROL CIRCUITS



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

SHEET B2

SCHEMATIC AND ACTUAL WIRING DIAGRAM FOR M35 ROTR EQUIPPED WITH LESU 346

APPROVALS

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

E-NUMBER 143737-B2

PROD. NO. 8146WD-B2

DATE 9/16/66

P.D. FILE NO. 4-A151/116AA

DRAWN RCB CHKD. *[Signature]*

ENGD. JEG APPD. *[Signature]*

TELETYPE CORPORATION

8146 WD

93

FS-3 TAPE CONTROL AND INDICATION CIRCUITS

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

8146 WD

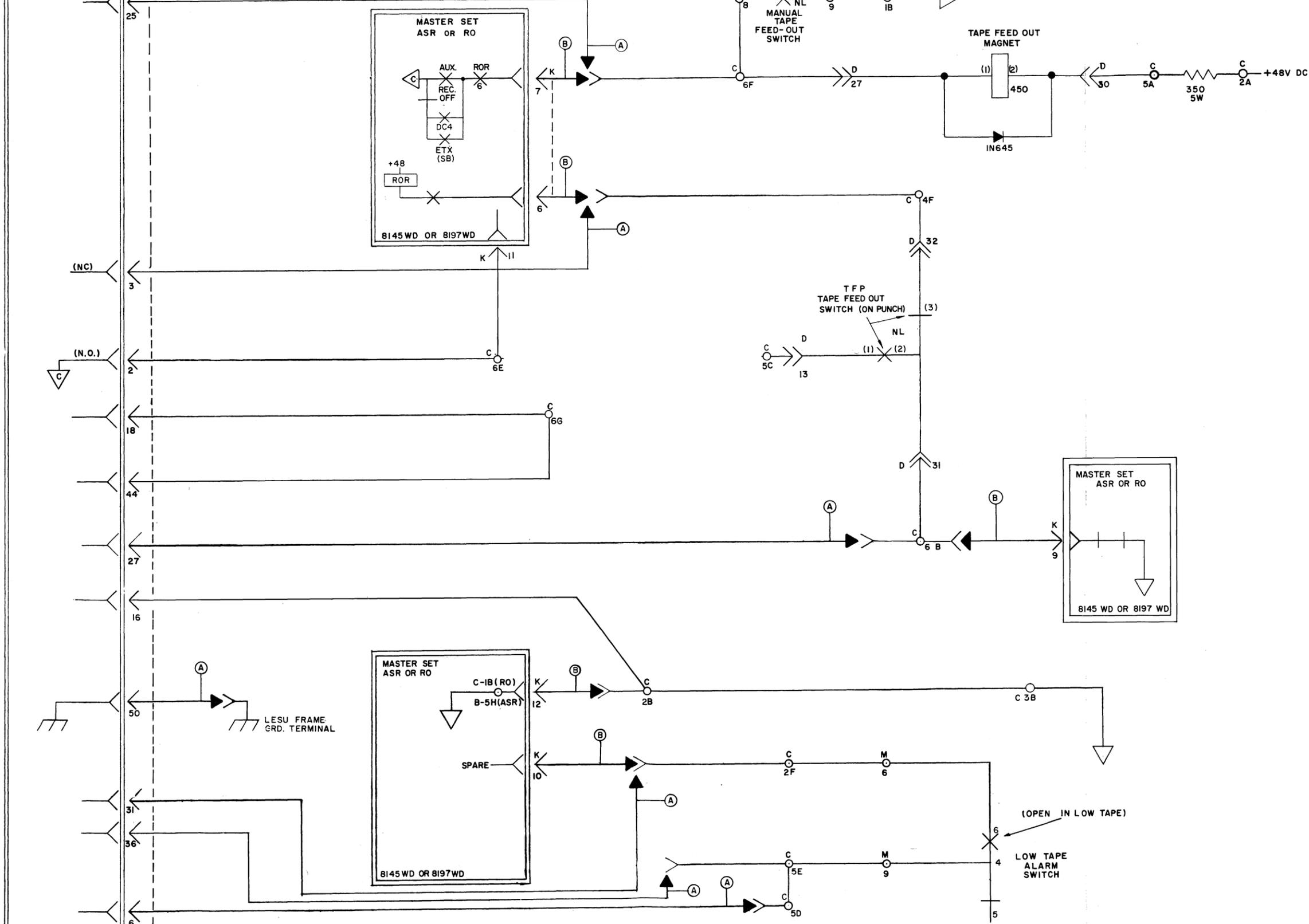
REVISIONS

ISSUE	DATE	AUTH. NO.
1	11-16-67	18232-R

SEE SHEET W1 FOR NOTES

(A) USE OF THIS SET OPTIONAL-
USED WHEN ROTR IS TERMINATE
ONLY STATION.

CUSTOMER FURNISHED
STATION CONTROLLER
(FDX) SD3D039-01
(HDX) SD3D038-01



(A) OPTION WHEN ROTR IS TERMINATE ONLY STATION
(B) OPTION WHEN ROTR IS AUX. RECEIVER.

SEE ISSUE CONTROL RECORD FOR COM-
PLETE LIST OF SHEETS COMPRISING THIS
W.D.

SHEET B3

SCHEMATIC
AND
ACTUAL
WIRING DIAGRAM
FOR
M 35 ROTR
EQUIPPED WITH
LESU 346

APPROVALS

D AND R <i>HRK</i>	E OF M <i>Li</i>
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E-NUMBER 143737-B3

PROD. NO. 8146WD-B3

DATE 8-2-65

P.D. FILE NO. 4-A151/116AA

DRAWN R.W.D. CHKD. *RR*

ENGD. J.E.G. APPD. *RR*

**TELETYPE
CORPORATION**

8146WD

NOTES

1. WIRING LEGEND:
 - DISTANT TERMINATING AREA
 - DISTANT TERMINATING DESIGNATION
 - CA-L-BL-S — WIRE COLOR CODE
2. COLOR CODE:

W - WHITE	P - PURPLE
BK - BLACK	G - GREEN
O - ORANGE	R - RED
BL - BLUE	S - SLATE
Y - YELLOW	BR - BROWN
3. UNIT WIRED FOR 60 HZ POWER INPUT ONLY.
4. CONNECTORS VIEWED FROM WIRING SIDE.
5. ALL VOLTAGES DC, UNLESS OTHERWISE SPECIFIED.
6. TERMINAL DESIGNATIONS ENCLOSED IN PARENTHESES ARE FOR REFERENCE AND ARE NOT MARKED ON COMPONENT.
7. ALL STRAPPING WIRE 20 AWG BARE, 39522RM USE SLEEVING WHERE REQUIRED. DO NOT PULL TAUT BETWEEN TERMINALS.
8. TAPE & TIE BACK ALL SPARE LEADS.
9. * ASTERISK FOLLOWING WIRE COLOR INDICATES 18 GA. WIRE.
10. ASSOCIATED CABLES:

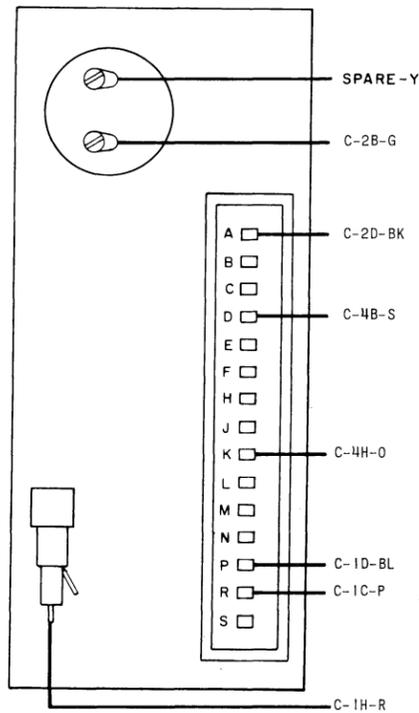
323036 CABLE ASSEM.	— INTERCONNECTING
323031 " "	— ATTENDANT SET
323035 " "	— PUNCH
323047 " "	— BASIC FACILITIES
11. ASSOCIATED WIRING DIAGRAMS & DRAWINGS:

8194WD LPR 813
8148WD LRB 306
7268WD 312351 SMD
12. ALL "A" CONNECTIONS TO WIRING FIELD ARE FACTORY WIRED BUT USED ONLY WHERE ROTR IS A TERMINATE ONLY STATION AND NOT AN AUXILIARY RECEIVER.
13. K CONNECTIONS ARE FACTORY WIRED BUT USED ONLY WHERE ROTR IS AN AUXILIARY RECEIVER.
14.

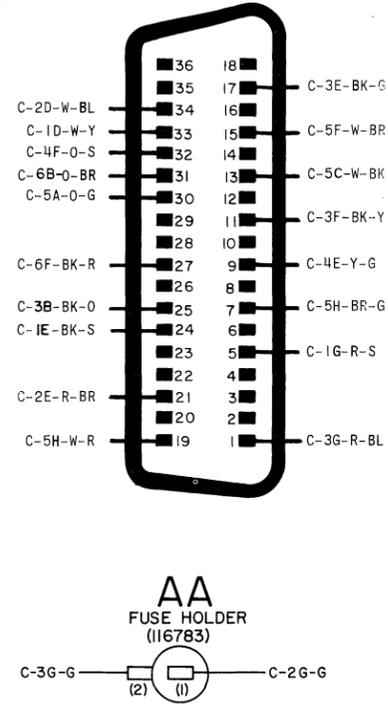
	OPTION WHEN ROTR IS TERMINATE STATION
	OPTION WHEN ROTR IS AUX. RECEIVER

WHERE WIRING OPTION IS A STRAP IT SHOULD BE REMOVED WHEN OPTION IS NOT USED. WHERE WIRING IS A LEAD IT SHOULD BE TAPED AND TIED WHEN OPTION IS NOT USED.
15. FACTORY WIRING OPTION (B)

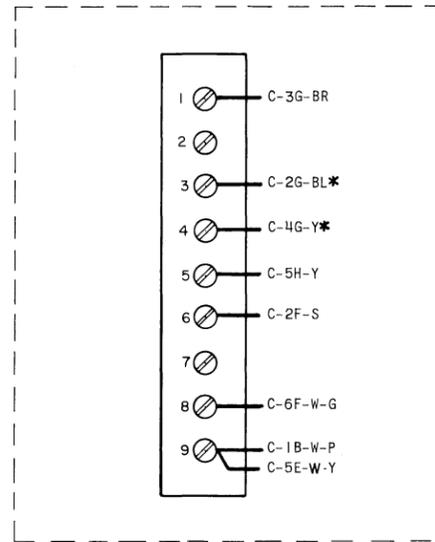
SMD
SELECTOR MAGNET DRIVER
(312351)



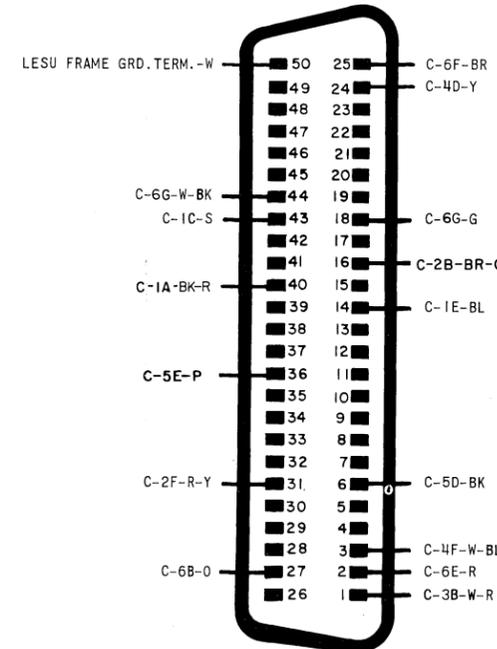
D
PUNCH PLUG
(161239)



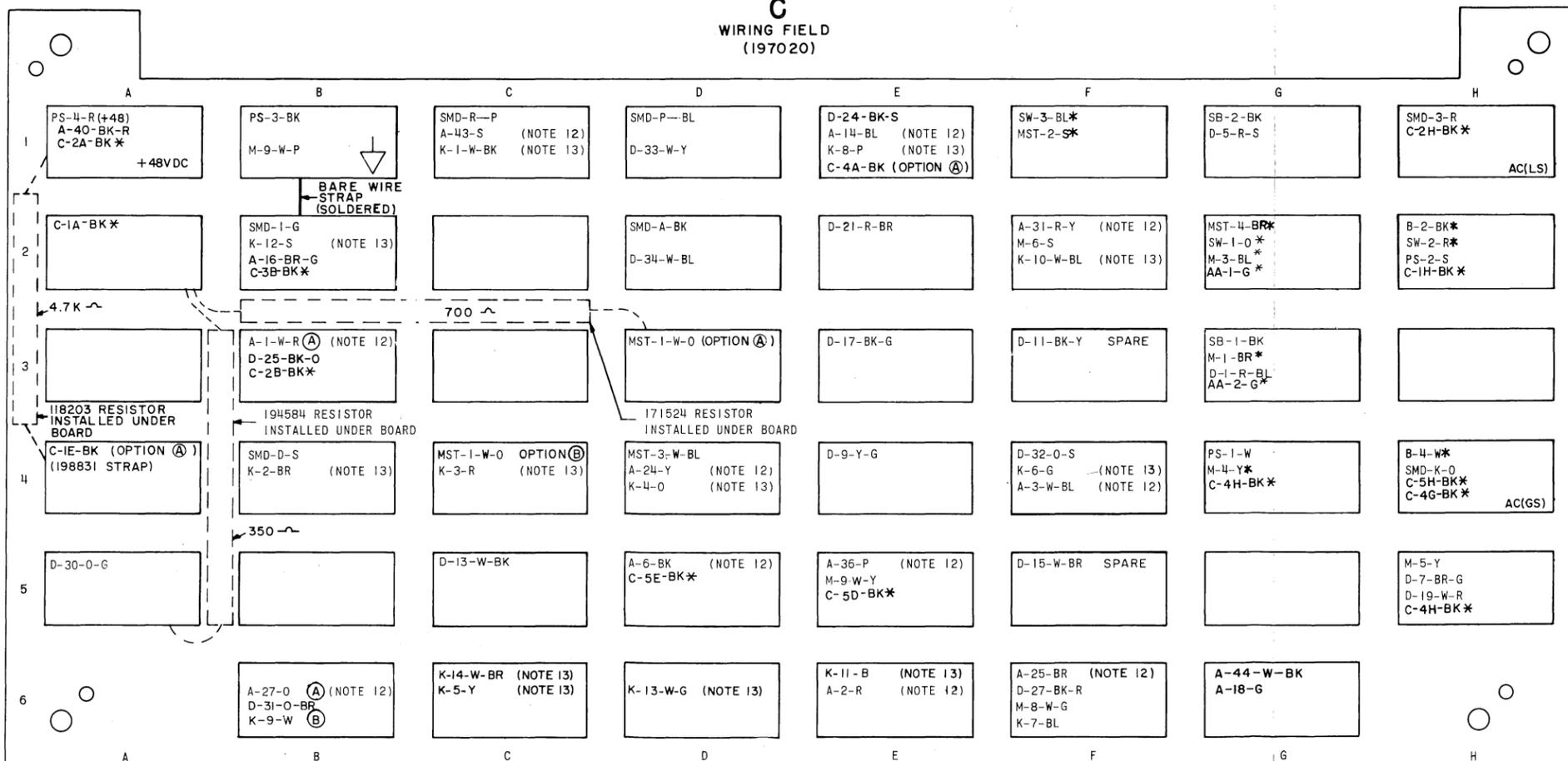
M
LRB POWER
TERMINAL BLOCK
(151411)



A (NOTE 12)
ATTENDANT SET
PLUG
(171554)



C
WIRING FIELD
(197020)



8146 WD		
REVISIONS		
ISSUE	DATE	AUTH. NO.
1	11-16-67	18232-R
2	2-2-68	95334
3	2-12-68	95117

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

SHEET WI

SCHEMATIC AND ACTUAL WIRING DIAGRAM FOR M35 ROTR EQUIPPED WITH LESU 346

APPROVALS	
D AND R	E OF M
E-NUMBER	
PROD. NO. 8146 WD-WI	
DATE 10-1-65	
P.D. FILE NO. 4-A151/116AA	
DRAWN R.W.D.	CHKD. <i>[Signature]</i>
ENGD. P.H.B.	APPD. <i>[Signature]</i>
TELETYPE CORPORATION	
8146 WD	

SEE SHEET W1 FOR NOTES.

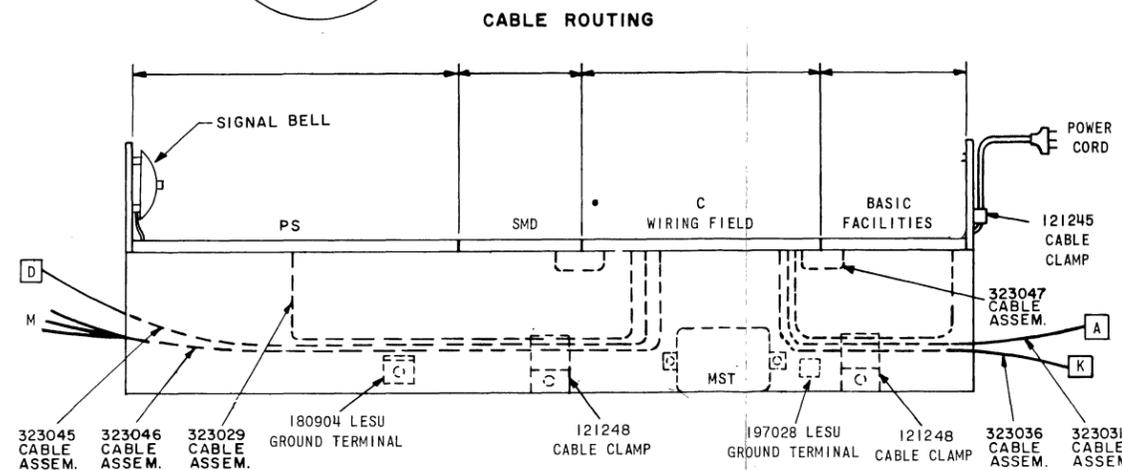
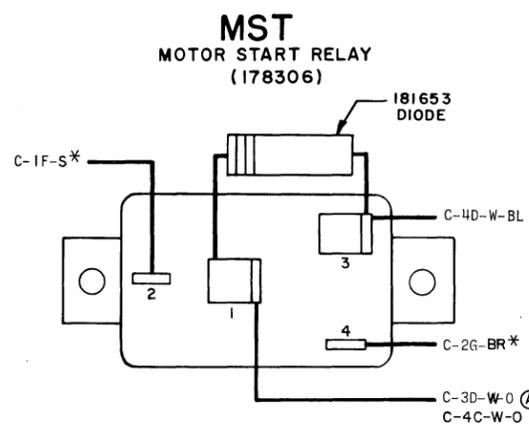
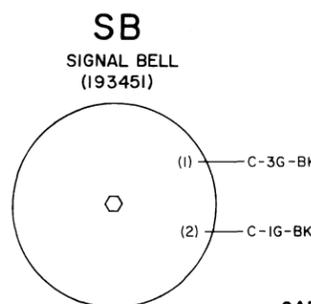
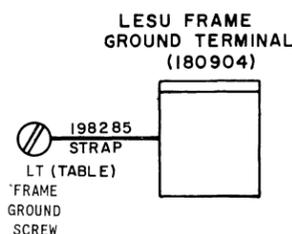
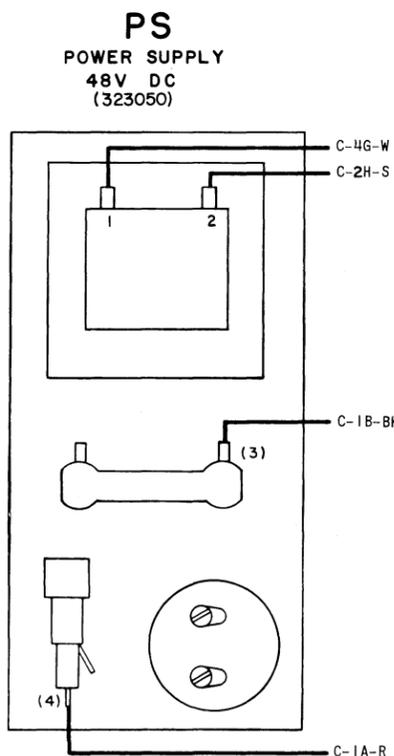
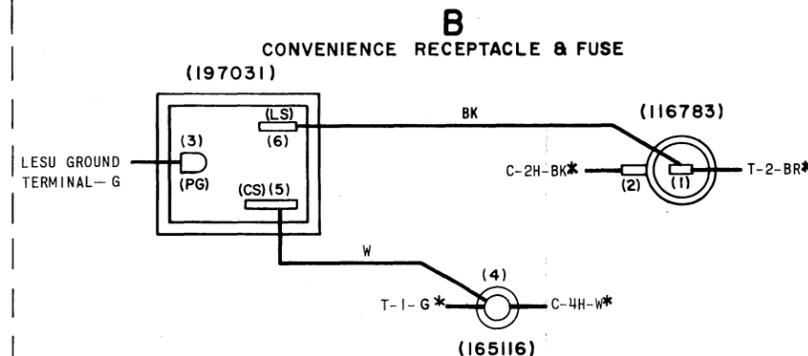
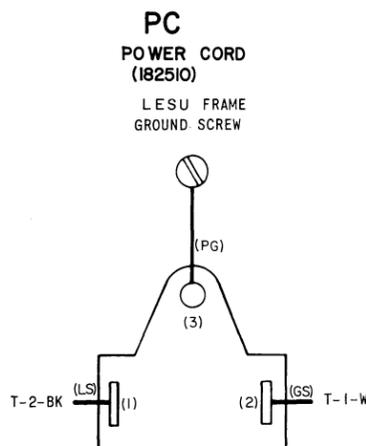
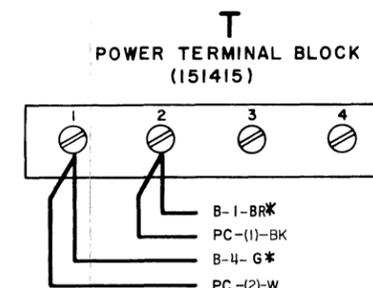
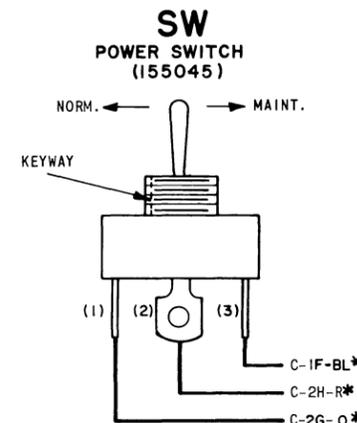
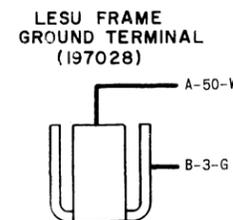
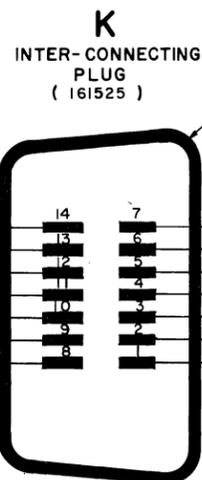
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8146 WD

BASIC FACILITIES ASSEMBLY
(323013)

REVISIONS

ISSUE	DATE	AUTH. NO.
1	11-16-67	18232-R
2	2-2-68	95334



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

SHEET W2

SCHEMATIC AND ACTUAL WIRING DIAGRAM FOR M35 ROTR EQUIPPED WITH LESU 346

APPROVALS

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

E-NUMBER

PROD. NO. 8146 WD-W2

DATE 9-27-65

P.D. FILE NO. 4-A151/116AA

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

ENGD. J.E.G. APPD. *[Signature]*

TELETYPE CORPORATION

8146 WD