SUPPLEMENTARY HIGH SPEED TAPE SENDER WITH RADIO FREQUENCY INTERFERENCE (RFI) SUPPRESSION FOR THE MULTIPLE ADDRESS PROCESSING SYSTEM (MAPS)

WIRING DIAGRAMS

1. GENERAL

1.01 This section contains wiring diagrams for the supplementary high speed tape sender with radio frequency interference (RFI) suppression, used in the multiple address processing system.

1.02 The following information can be found on each wiring diagram: Physical component layout, wiring symbols, terminal numbers and locations, and wire network lists. Notes are included on wiring diagrams to explain the symbols used and point out special conditions.

1.03 A complete listing of the schematic and actual wiring diagrams is presented in the wiring diagram index found in this section. The location of each diagram, which is attached as part of this publication, is indicated by its position in the index. The index lists the equipment title, wiring diagram number, type of diagram (A for actual, S for schematic), and wiring diagram package number. Wiring diagrams are listed in numerical order.

2. WIRING DIAGRAM INDEX

TITLE	WIRING DIAGRAM NUMBER	TYPE	WIRING DIAGRAM PACKAGE NUMBER
Supplementary Cabinet	7741WD	A	0235
VS268 Transmitter Set	7742WD	S	0235
Module E	7756WD	A	0235
310913 Control Panel	7757WD	A	0235

SHEET INDEX

CONTENTS	SHEET NO.	ISSUE NO. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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NETWORK LISTING (C SECTION)	ALL	1														

7741 WD-A2

REVISIONS		
ISSUE	DATE	AUTH. NO.
1	6-5-70	20846-R

NOTES

1. Wire is part of 336903 Cable Assembly and must be connected to the indicated "From" Terminal.

2. Wire is part of 336903 Cable Assembly and must be connected to indicated "To" Terminal.

3. Wire is part of 336903 Cable Assembly and must be connected to indicated "From" and "To" Terminals.

4. Wire is part of 336903 Cable Assembly and must be connected to indicated "From" and "To" Terminals with 72597RM Terminal connected on the "To" end of the wire.

5. Wire must be connected to indicated "From" and "To" terminals with terminals (TP121533) on both ends of wire.

6. Wire must be connected to indicated "To" Terminal with 72597RM on "To" end of wire.

8. Wire is #14 GA. White (RM31116) or #14 GA. Black (RM31080) as indicated in "color-ga."

9. Wire is 21.5 inches long. Connect to indicated "From" and "To" terminals.

10. Wire is part of twisted pair 31161RM, and must be connected to indicated "From" and "To" Terminal with 121533 Terminal on "To" end of wire.

11. Wire must be connected to indicated "From" and "To" Terminals.

12. Wire is 20 AWG bare wire and must be connected to indicated "From" and "To" Terminals.

13. Wire must be connected to indicated "From" and "To" Terminal. The "To" Terminal being one of the mounting screws for FLF101. The wire should be 21.5 inches long.

14. CF101 and CF102 are each 2 mf capacitors No. 193053. Connect to the indicated "From" and "To" terminals with appropriate tubing on each lead.

WIRING DIAGRAM FOR SUPPLEMENTARY TRANSMITTER CABINET AC395

APPROVALS	
D AND R	E OF M

S NUMBER: 61,761S
PROD. NO. 7741WD
DATE: 1-05-70
P.D. FILE NO. 38-A2/65AA
DRAWN. DO | CHKD. MLB
ENGD. BCR | APPD.

TELETYPE CORPORATION

7741 WD-A2

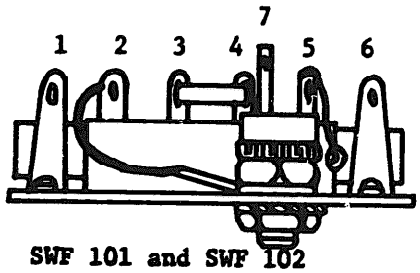
NOTES

7741 WD-A3

REVISIONS

ISSUE	DATE	AUTH. NO.
1	6-8-70	20846-R

15. TERMINAL DESIGNATIONS



310952

SWF 101 and SWF 102

16. Use appropriate tubing on all leads of XKF101.

17. Notes 4, 7, and 9 make up the cabinet wiring.
Notes 5, 6, 8, 10, 11, 12 and 14 make up the surface wiring for the 336916 ESU Panel Assembly.
Notes 1, 2, and 3 are for wiring the 336903 Cable Assembly to the 336916 ESU Panel Assembly.

18. Wire is part of 336903 Cable Assembly and must be connected to indicated "From" and "To" Terminals. The "To" Terminal is one of the mounting screws for TB1.

19. POWER NETWORKS

The following list indicates a terminal common to a particular voltage. The index will provide the individual network number.

VOLTAGE	TERMINAL
115V AC	TBF101 4
115V AC RTN	TBF101 3
Frame	TBF101 1
+6V	JF101 23
-6V	JF101 21
Circuit Common	JF101 37
-12V	JF101 47
Lamp Common	JF101 40

WIRING DIAGRAM FOR SUPPLEMENTARY TRANSMITTER CABINET AC395

APPROVALS

D AND R	E OF M
LBM	

S-NUMBER 61,761S

PROD. NO. 7741WD

DATE: 1-05-70

P.D. FILE NO. 38-A2/65AA

DRAWN. DQ | CHKD.

ENGR. RGS | APPD.

TELETYPE CORPORATION

7741 WD-A3

ST-151401

NOTES

7741 WD-A4

REVISIONS

ISSUE	DATE	AUTH. NO.
→	6-5-70	20846-R

20. This WD consists of three sections:

Section A	Notes and Sheet Index
Section B	Network Listing - Index
Section C	Network Listing

NETWORK LISTING

21. The index lists pins in alpha-numerical order and is a cross reference to the number of the network in which they appear.

22. NETWORK LIST

The Network List is a list of connector pins that are connected together in a common electrical circuit. It lists the pins in from-to-to order. At branching points the first pin of the branch is indented. A second indentation indicates a branch within the first branch. Three indents indicate a third sub branch. If further sub branches are encountered, an indent number is used instead of further indenting.

At a branching point the branching pin is connected to the pin listed on the next line below as well as to the pin at the end of the column of dots extending below the branching pin. If no pins are listed directly below or to the right, the branch ends. There is no direct connection between a pin and one listed below and in a column to its left.

The asterisk in front of the indent number identifies the first pin of a new sub branch.

WIRING DIAGRAM FOR SUPPLEMENTARY TRANSMITTER CABINET AC395

APPROVALS

D AND R	E OF M
LKM	vL

S NUMBER 61.761S

PROD. NO. 7741WD

DATE: 1-05-70

P.D. FILE NO. 38-A2/65AA

DRAWN. DQ	CHKD. MWB
ENGD. RGS	APPD. RMR

TELETYPE CORPORATION

7741 WD-A4

ST-1014021

4-88

7741 WD-A5

REVISIONS

ISSUE	DATE	AUTH. NO.
1	6-5-70	20846-R

SAMPLE NETWORK (Arrows Show Connections)

Net	Component	Pin
0143	JD 4	G 6
0143	XZD314	21
0143	XZD313	20
0143	XZD313	6
0143	XZD312	6
0143	XZD311	6
0143	XZD313	23
0143	XZD313	25
0143	XZD313	31
0143	**04 XZD313	33
0143	04 XZD312	33
0143	XZD312	31
0143	XZD311	31
0143	XZD312	25
0143	XZD311	25
0143	XZD312	23
0143	XZD311	23
0143	XZD312	20
0143	XZD311	20
0144	JD 4	G 7
0144	XZD308	18
0144	XZD309	18
0144	XZD310	18
0144	XZD310	28
0144	XZD313	8
0144	XZD314	31
0144	XZD319	29
0144	XZD328	31
0144	XZD309	28
0144	XZD308	28
0144	XZD310	4
0144	XZD309	4

WIRING DIAGRAM FOR SUPPLEMENTARY TRANSMITTER CABINET AC395

APPROVALS

D and R	E of M
[handwritten initials]	[handwritten initials]

S. NUMBER 61.761S
PROD. NO. 7741WD
DATE: 1-05-70
RD. FILE NO. 38-A2/65AA
DRAWN DO | CHKD. MWS
ENGD. RGS | APPD. RJR

TELETYPE CORPORATION

7741 WD-A5

TITLE
CABINET WIRING OF SUPPLEMENTARY TRANSMITTER 336916

WIRING DIAGRAM	ISSUE	USED ON	DATE	PAGE	OF
7741	1	VS268	1 2 70	B 1	2

COMPONENT	PIN	NET
CBF101	LIN	0075
CBF101	LOA	0074
CBF102	LIN	0079
CBF102	LOA	0078
CBF103	1	0077
CBF103	2	0079
CF101	1	0033
CF101	2	0020
CF102	1	0033
CF102	2	0021
FRAME	F	0023
J		0049
JF101	1	0001
JF101	2	0002
JF101	3	0003
JF101	4	0004
JF101	5	0005
JF101	6	0006
JF101	7	0007
JF101	8	0008
JF101	9	0009
JF101	10	0010
JF101	11	0011
JF101	12	0012
JF101	13	0013
JF101	14	0014
JF101	15	0015
JF101	16	0016
JF101	17	0017
JF101	18	0018
JF101	20	0019
JF101	21	0020
JF101	23	0021
JF101	26	0022
JF101	27	0023
JF101	28	0024
JF101	29	0025
JF101	30	0026
JF101	31	0027
JF101	32	0028
JF101	33	0029
JF101	34	0030
JF101	35	0031
JF101	36	0032
JF101	37	0033
JF101	40	0034
JF101	46	0035
JF101	47	0036
PE128	A 3	0069
PE128	A 7	0061
PF128	A 8	0001
PE128	A 9	0065
PE128	A10	0068

COMPONENT	PIN	NET
PE128	B 1	0035
PE128	B 2	0033
PE128	B 7	0062
PE128	B 8	0002
PE128	B 9	0066
PE128	B10	0067
PE128	C 1	0070
PE128	C 7	0050
PE128	C 8	0043
PE128	C 9	0005
PE128	C10	0004
PE128	D 1	0022
PE128	D 2	0023
PE128	D 7	0008
PE128	D 8	0057
PE128	D 9	0003
PE128	D10	0006
PE128	E 1	0036
PE128	E 3	0071
PE128	E 5	0071
PE128	E 7	0009
PE128	E 8	0058
PE128	E10	0072
PE128	F 7	0010
PE128	F 8	0007
PE128	F 9	0060
PE128	F10	0059
PE128	G 7	0053
PE128	G 8	0054
PE128	G 9	0055
PE128	G10	0056
PE128	H 4	0048
PE128	H 5	0071
PE128	H 6	0073
PE128	H 7	0071
PE128	H 8	0052
PE128	H 9	0064
PE128	H10	0063
PE228	1	0074
PE228	2	0023
PE228	3	0040
PF102	1	0025
PF102	2	0026
PF102	3	0027
PF102	4	0028
PF102	5	0029
PF102	6	0030
PF102	7	0031
PF102	8	0032
PF102	9	0024
PF102	10	0033
PF102	11	0037
PF102	12	0038

COMPONENT	PIN	NET
PF102	14	0039
PF102	17	0040
PF102	20	0041
PF102	21	0041
PF102	25	0042
PF102	26	0043
PF102	27	0042
PF102	32	0023
PF102	34	0011
PF102	35	0012
PF102	36	0013
PF102	37	0014
PF102	38	0015
PF102	39	0016
PF102	40	0017
PF102	41	0018
PF102	43	0033
PF102	44	0044
PF102	45	0045
PF102	47	0046
PF102	50	0047
PF103	1	0048
PF103	2	0041
PF103	3	0049
PF103	4	0041
PF103	5	0050
PF103	7	0051
PF103	8	0041
PF103	9	0034
PF103	10	0034
PF103	11	0034
PF103	12	0034
PF103	13	0034
PF103	14	0034
PF103	15	0034
PF103	16	0023
PF103	17	0033
PF103	18	0052
PF103	19	0053
PF103	20	0054
PF103	21	0055
PF103	22	0056
PF103	23	0019
PF103	24	0057
PF103	25	0058
PF103	26	0059
PF103	27	0060
PF103	28	0061
PF103	29	0062
PF103	30	0063
PF103	31	0064
PF103	32	0065
PF103	33	0066

NETWORK LISTING (TABULAR WIRING DIAGRAM) - INDEX

TITLE
CABINET WIRING OF SUPPLEMENTARY TRANSMITTER 336916

WIRING DIAGRAM	ISSUE	USED ON	DATE	PAGE	OF
7741	1	VS268	1 2 70	B2	2

COMPONENT	PIN	NET
PF103	34	0034
PF103	35	0067
PF103	36	0068
PF104	1	0039
PF104	2	0046
PF104	3	0047
PF104	4	0076
SWF101	2	0078
SWF101	3	0050
SWF101	4	0073
SWF101	7	0047
SWF102	1	0040
SWF102	2	0074
SWF102	3	0051
SWF102	4	0048
SWF102	6	0040
SWF102	7	0079
TB 1	F	0023
TB 1	1	0077
TB 1	2	0040
TB 1	3	0042
TB 1	4	0033
TB 1	6	0072
TB 1	7	0037
TB 1	8	0045
TB 1	9	0038
TB 1	10	0044
TB 2	1	0023
TB 2	2	0076
TB 2	3	0047
TB 2	4	0040
TBF101	1	0023
TBF101	2	0074
TBF101	3	0040
TBF101	4	0075
TBF102	1	0073
TBF102	2	0023
TBF102	3	0023
TBF102	4	0033
TBF102	5	0034
TBF102	6	0034
TBF102	7	0041
TBF102	8	0071
TBF103	1	0021
TBF103	2	0020
TBF104	G	0023
TBF104	W	0040
TBF104	BK	0075
XKF101	1	0020
XKF101	2	0078
XKF101	3	0069
XKF101	6	0021
XKF101	7	0070
XKF101	9	0073
XKF101	10	0040
XKF101	11	0048

OF PINS - 0215

END OF LISTING

COMPONENT	PIN	NET

TITLE: CABINET WIRING OF SUPPLEMENTARY TRANSMITTER 336916

WIRING DIAGRAM	ISSUE	USED ON	DATE	PAGE
7741	1	VS268	1 2 70	C 1 OF 3

NET	COMPONENT	PIN
0001	JF101	1
0001	PE128	A 8
0002	JF101	2
0002	PE128	B 8
0003	JF101	3
0003	PE128	D 9
0004	JF101	4
0004	PE128	C10
0005	JF101	5
0005	PE128	C 9
0006	JF101	6
0006	PE128	D10
0007	JF101	7
0007	PE128	F 8
0008	JF101	8
0008	PE128	D 7
0009	JF101	9
0009	PE128	E 7
0010	JF101	10
0010	PE128	F 7
0011	JF101	11
0011	PF102	34
0012	JF101	12
0012	PF102	35
0013	JF101	13
0013	PF102	36
0014	JF101	14
0014	PF102	37
0015	JF101	15
0015	PF102	38
0016	JF101	16
0016	PF102	39
0017	JF101	17
0017	PF102	40
0018	JF101	18
0018	PF102	41

NET	COMPONENT	PIN
0019	JF101	20
0019	PF103	23
0020	JF101	21
0020	XKF101	1
0020	TBF103	2
0020	CF101	2
0021	JF101	23
0021	XKF101	6
0021	TBF103	1
0021	CF102	2
0022	JF101	26
0022	PE128	D 1
0023	JF101	27
0023	TBF102	3
0023	• • • PE228	2
0023	• • TBF101	1
0023	• • TBF104	G
0023	• TBF102	2
0023	**05	PF103 16
0023	• • • • TB 2	1
0023	• • • FRAME	F
0023	• • TB 1	F
0023	• PF102	32
0023	PE128	D 2
0024	JF101	28
0024	PF102	9
0025	JF101	29
0025	PF102	1
0026	JF101	30
0026	PF102	2
0027	JF101	31
0027	PF102	3
0028	JF101	32
0028	PF102	4
0029	JF101	33
0029	PF102	5
0030	JF101	34
0030	PF102	6
0031	JF101	35
0031	PF102	7

NETWORK LISTING (TABULAR WIRING DIAGRAM

TITLE
CABINET WIRING OF SUPPLEMENTARY TRANSMITTER 336916

WIRING DIAGRAM	ISSUE	USED ON	DATE	PAGE
7741	1	VS268	1 2 70	C 3 OF 3

NET	COMPONENT	PIN
0056	PF103	22
0056	PE128	G10
0057	PF103	24
0057	PE128	D 8
0058	PF103	25
0058	PE128	E 8
0059	PF103	26
0059	PE128	F10
0060	PF103	27
0060	PE128	F 9
0061	PF103	28
0061	PE128	A 7
0062	PF103	29
0062	PE128	B 7
0063	PF103	30
0063	PE128	H10
0064	PF103	31
0064	PE128	H 9
0065	PF103	32
0065	PE128	A 9
0066	PF103	33
0066	PE128	B 9
0067	PF103	35
0067	PE128	B10
0068	PF103	36
0068	PE128	A10
0069	PE128	A 3
0069	XKF101	3
0070	PE128	C 1
0070	XKF101	7
0071	PE128	E 3
0071	TBF102	8
0071	• • PE128	H 5
0071	• PE128	H 7
0071	PF128	E 5
0072	PE128	E10
0072	TB 1	6

NET	COMPONENT	PIN
0073	PE128	H 6
0073	TBF102	1
0073	• SWF101	4
0073	XKF101	9
0074	PE228	1
0074	SWF102	2
0074	TBF101	2
0074	CBF101	LCA
0075	CBF101	LIN
0075	TBF101	4
0075	TBF104	BK
0076	TB 2	2
0076	PF104	4
0077	TB 1	1
0077	CBF103	1
0078	XKF101	2
0078	SWF101	2
0078	CBF102	LCA
0079	SWF102	7
0079	CBF102	LIN
0079	CBF103	2

NUMBER OF WIRES - 0136

END OF LISTING

NO.	NOTES	SUPPORTING INFORMATION	
		CATEGORY	NO.

CONTENTS

NO.	NOTES
1.	ALL VOLTAGES DC UNLESS OTHERWISE SPECIFIED.
2.	TERMINAL DESIGNATIONS ENCLOSED IN PARENTHESES ( ) ARE FOR REFERENCE AND ARE NOT MARKED ON COMPONENT.
3	ALL RESISTORS 1/2 WATT AND RESISTANCE VALUES IN OHMS, UNLESS OTHERWISE SPECIFIED.
4.	ALL CAPACITANCE VALUES IN MICROFARADS.
5.	COMPONENTS ENCLOSED IN SOLID DOUBLE LINES ARE PRESENTED FOR REFERENCE ONLY. A COMPLETE SCHEMATIC OF THESE COMPONENTS IS AVAILABLE AT THE WD OR AREA INDICATED.
6.	DASHED - - - - SINGLE LINE ENCLOSING COMPONENTS INDICATES ONE CARD OR ASSEMBLY LOCATION FOR ALL THE ENCLOSED COMPONENTS.
7.	THE FOLLOWING CIRCUIT CARDS ARE LOCATED IN THE FOLLOWING POSITIONS MODULE-E ZE102 172356 ZE103 303685 ZE105 149248 ZE106 303687 ZE108 303719 ZE110 303686 ZE112 " ZE114 303685 ZE116 " ZE118 " ZE202 303117 ZE426 149242 ZE205 149248
8.	SPARE CIRCUITS AVAILABLE ZE426 K4 ZE205 K1 ZE105 K1, K3 ZE106 DYA,DYB,PAE,PAF ZE110 CR-C,CR-D,CR-F CR-F, ZE112 D-D,D-E,D-F,CR-B, ,CR-D,CR-E, ZE118 LA-2C,LA-1C,LA-1D,LA-2D,LA-1F, LA-2F ZE102 B,C,D
9.	THE RESISTANCE OF ALL RELAY COILS IS IN OHMS.
10.	REFER TO SPECIFICATION 61761 3 OR TELETYPE BULLETIN 592-851-730 FOR TIMING CIRCUIT ADJUSTMENT.
11.	>— INDICATES FEMALE AND —> INDICATES MALE TERMINAL ON CONNECTOR INDICATED.
12.	ALL REVISION INFORMATION IS REFLECTED ON THE ISSUE CONTROL RECORD.
13.	INDUCTANCE VALUE IN MICROHENRIES
14.	FOR ACTUAL WIRING DIAGRAMS REFER TO: MODULE E 7756 WD SUPPLEMENTARY CABINET 7741 WD SUPPLEMENTARY CONTROL PANEL 7757WD TAPE TRANSPORT 7712 WD DX READER 6532 WD DX DRIVER 6436 WD.
15.	SWITCHES ARE GANGED TOGETHER.
16.	-12VOLTS IS AT THIS POINT WHEN THE MASTER TRANSMITTER POWER IS ON
17	CROSS REFERENCE LEGEND: 5 - B2 A LEAD DESIGNATION WHEN NEEDED CO-ORDINATE LOCATION SHEET NUMBER
18	INDICATES LAMP COMMON INDICATES CIRCUIT COMMON THESE ARE CONNECTED TOGETHER IN THE 310860 POWER SUPPLY(7744 WD SHEET 6)
19.	ONLY THE CONNECTORS ARE INDICATED WHEN THE PLUG HAS THE SAME DESIGNATION EXCEPT THE J___ IS REPLACED WITH A P___ THE PIN NUMBERS REMAIN THE SAME ON BOTH CONNECTORS.

NO.	NOTES
20.	THE HALF ARROWS (=>) TO A DIGITAL POTTED MODULE CIRCUIT INDICATE THAT CIRCUIT IS SENSITIVE TO A VOLTAGE OR CURRENT LEVEL AT THAT INPUT. THE FULL ARROW (—►) INPUT TO A DIGITAL POTTED MODULE CIRCUIT INDICATES THAT CIRCUIT IS SENSITIVE TO A VOLTAGE CHANGE OR A PULSE AT THAT INPUT.
21.	LAMP COLORS ARE CLEAR UNLESS OTHERWISE INDICATED.
22.	WHEN 15 PIN CARDS ARE USED, TWO ARE PLACED IN ONE 36 PIN CARD CONNECTOR. THE ACTUAL WD INDICATES ONLY ONE LOCATION NUMBER FOR THE ENTIRE 36 PIN CONNECTOR. THIS SCHEMATIC WD DESIGNATES A POSITION FOR EACH CARD EG: ZE103 ON ACTUAL WOULD BE ZE103 AND ZE203 ON SCHEMATIC DEPENDING ON LOCATION SEE MODULE CO-ORDINATE SYSTEM.
23	CERTAIN LOGIC SYMBOLS USED ON THIS WIRING DIAGRAM DO NOT CONFORM TO TELETYPE DESIGN STANDARDS. THE SYMBOLS ARE EXPLAINED ON THE RESPECTIVE CIRCUIT CARD DRAWINGS.
24	ALL SIGNAL AND VOLTAGE LINES TERMINATING AT JF101 IN THE SUPPLEMENTARY TRANSMITTER CABINET, VS258 ARE CONNECTED TO THE MASTER CABINET, VS267 VIA AN INTERCONNECTING CABLE. THESE SIGNAL AND VOLTAGE LINES ENTER THE MASTER CABINET AT ANY ONE OF FIVE CONNECTORS (JG101, JG102, JG103, JG104, OR JG105). THE CONNECTOR USED IS DEPENDENT UPON THE NUMBER OF SUPPLEMENTARY CABINETS BEING USED WITH THE MASTER CABINET.
25	THE FOLLOWING FROM-TO CONNECTIONS ARE SPARE WIRES PROVIDED IN THE CABINET CABLE

FROM	TO
PF102 — 20	TBF102 — 7
PF103 — 2	TBF102 — 7
PF103 — 4	TBF102 — 7
PF103 — 8	TBF102 — 7
PF102 — 21	TBF102 — 7
PF103 — 3	FOLDED BACK AT SWF 102
PE128 — E3	TBF102 — 8
PE128 — H7	TBF102 — 8
PE128 — H5	TBF102 — 8
PE128 — E5	TBF102 — 8

J1
PF102

TB1

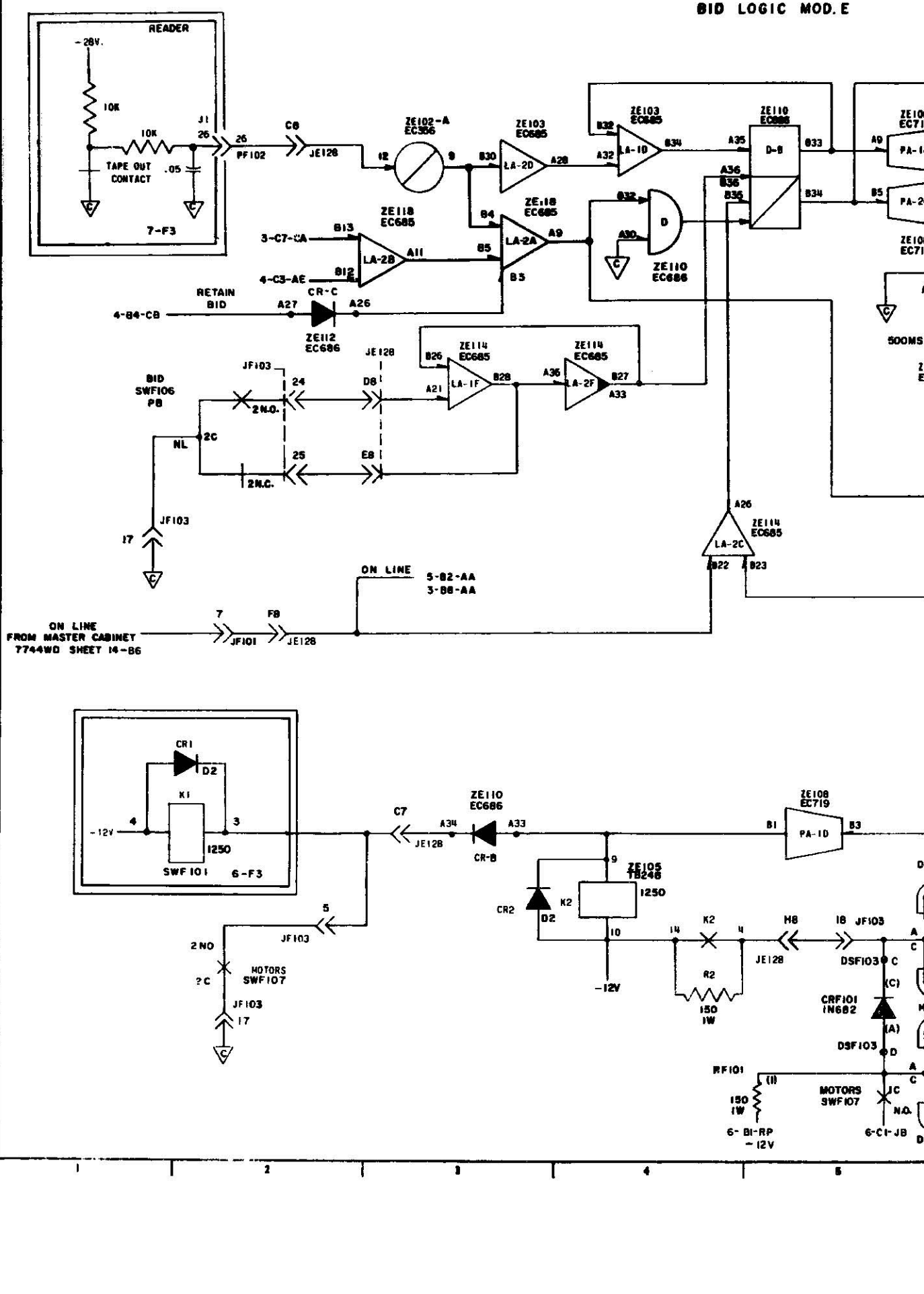
TB2

JF101

TBF102

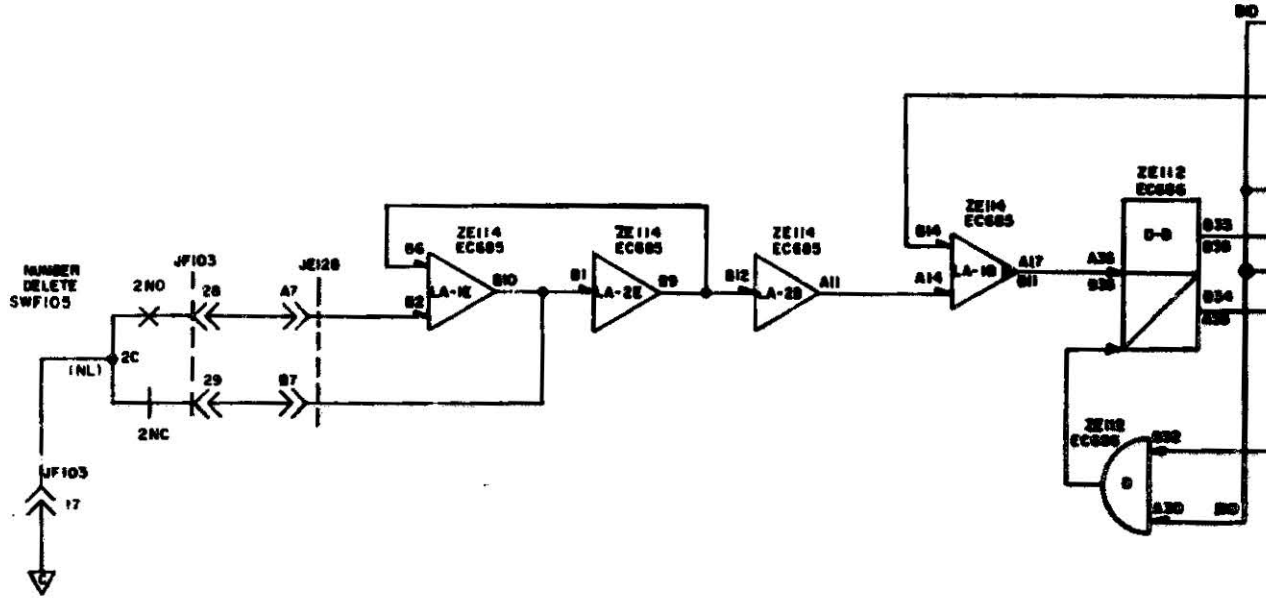
SEE SHEET 1 FOR NOTES.

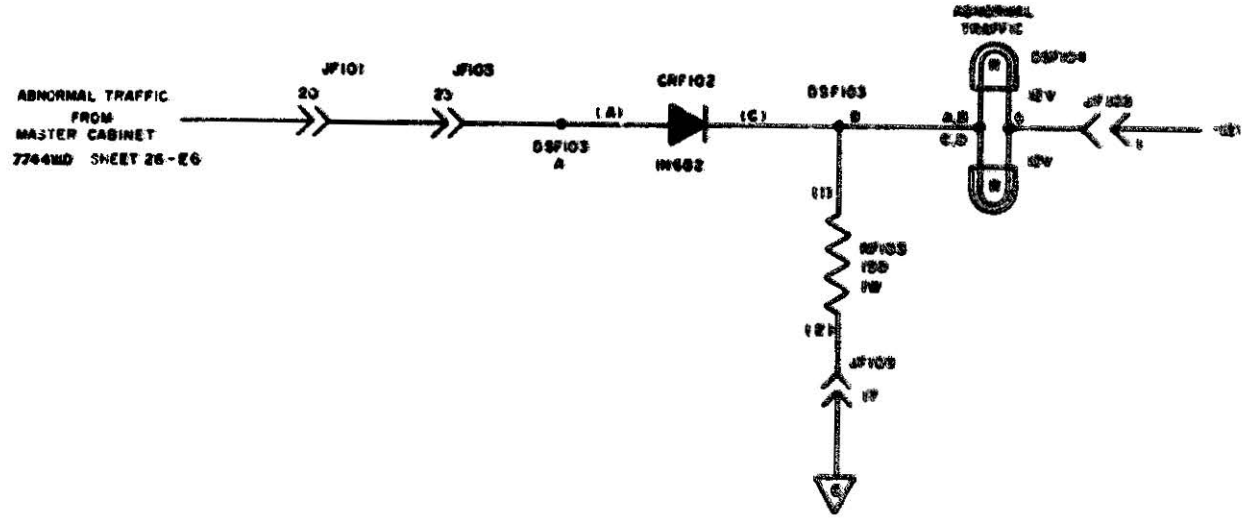
BID LOGIC MOD. E



SEE SHEET 1 FOR NOTES

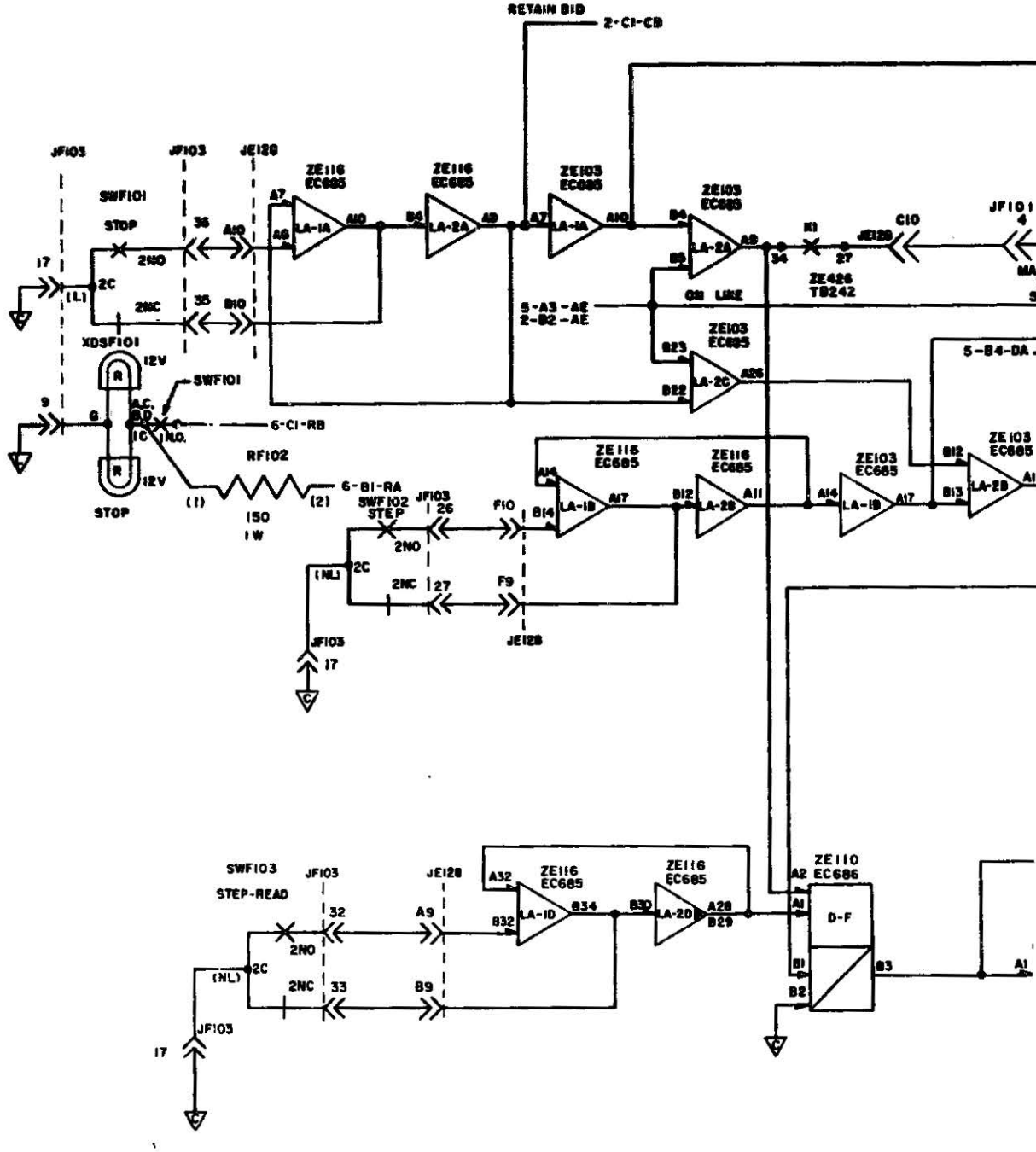
NUMBER DELETE MOD E





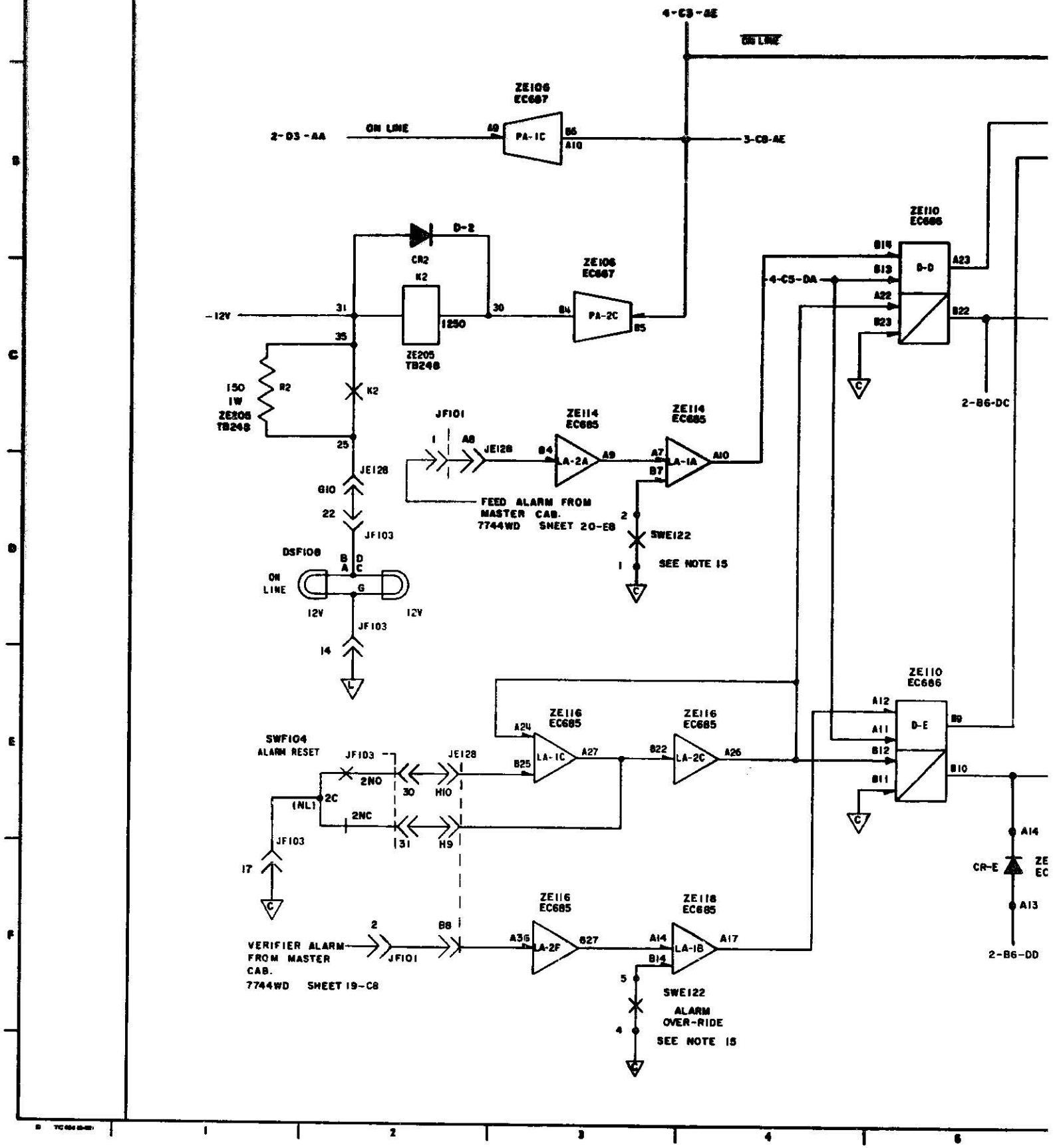
SEE SHEET 1 FOR NOTES

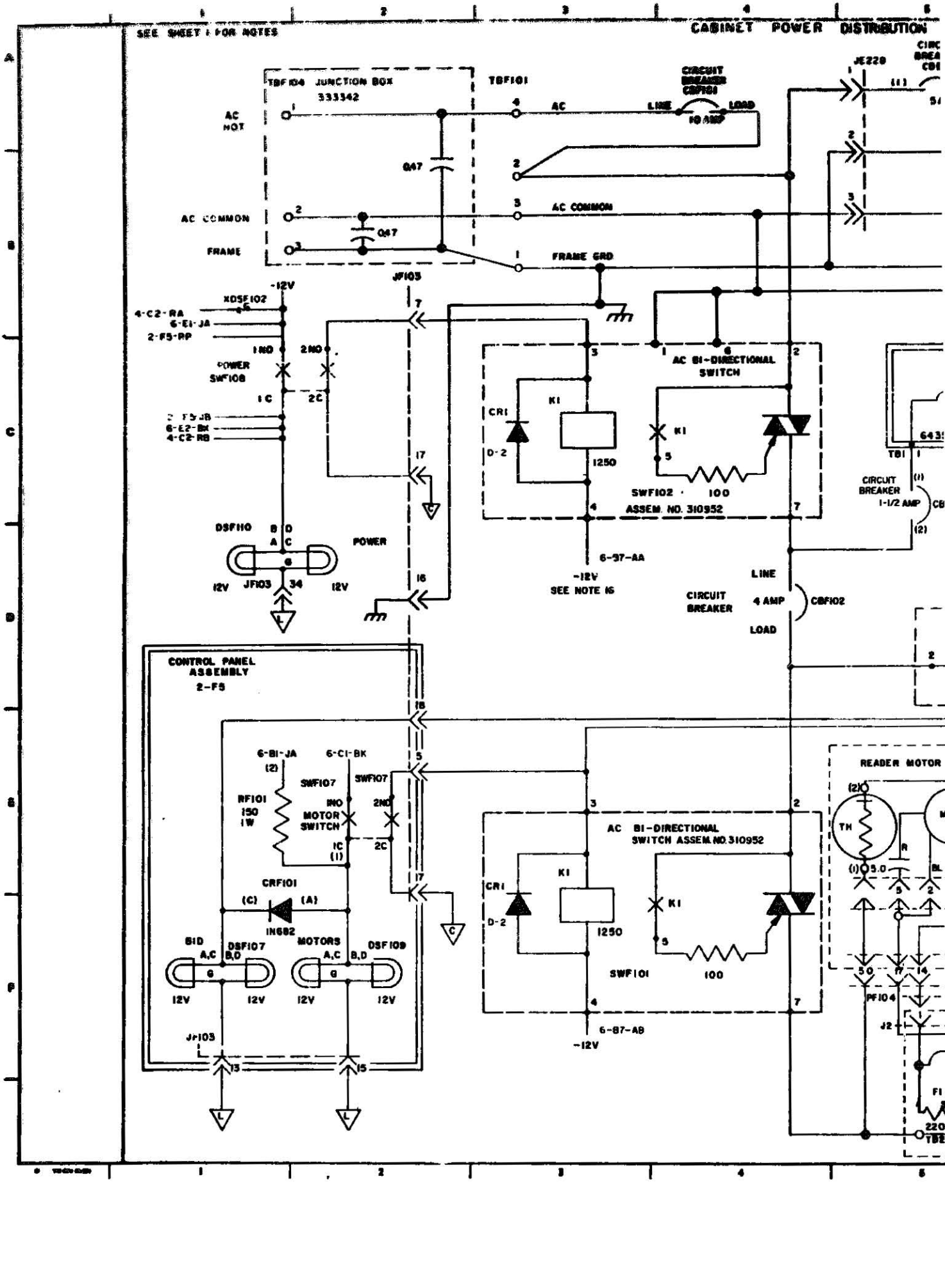
STEP-READ MOD. E



SEE SHEET 1 FOR NOTES.

ALARM LOGIC

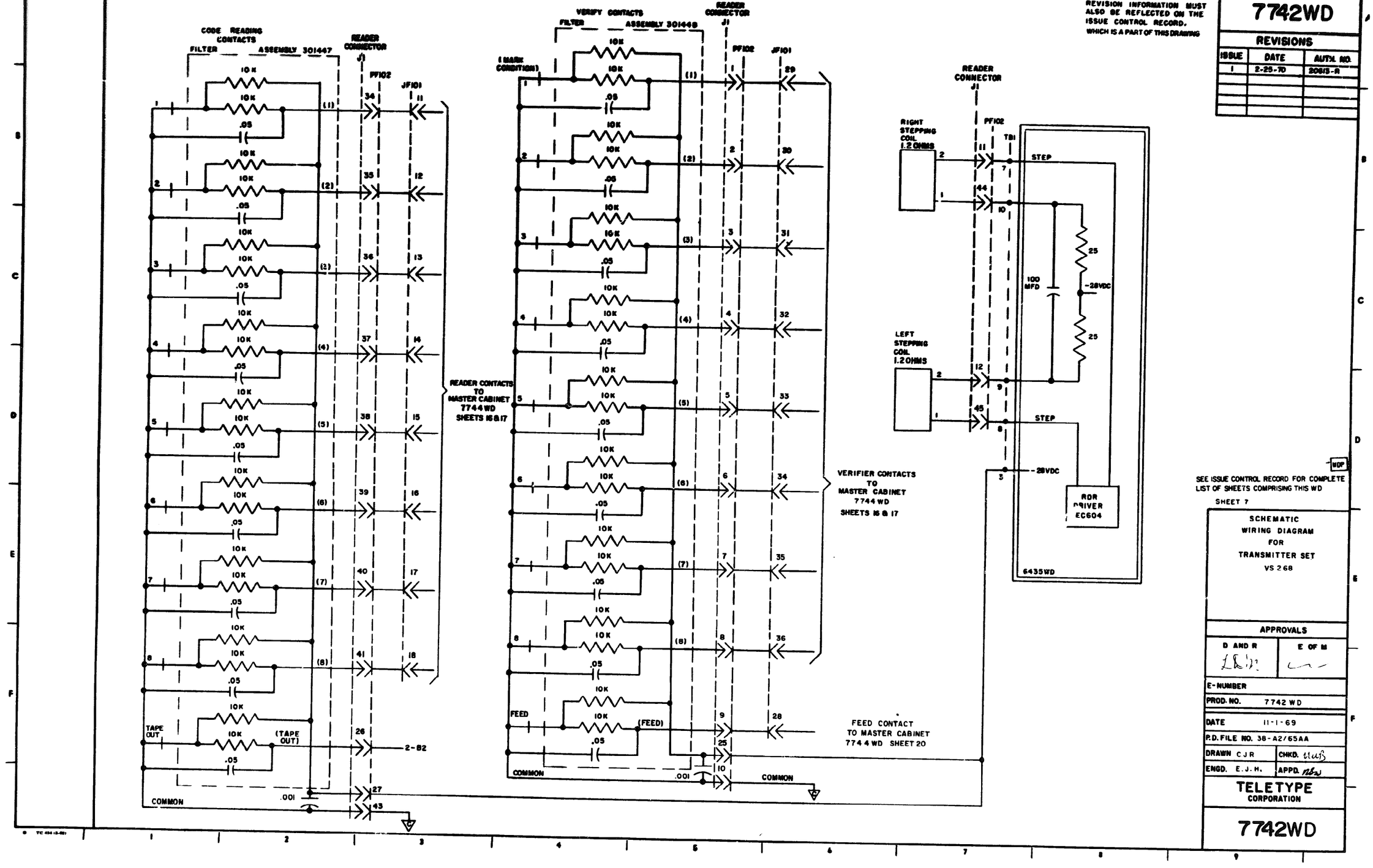



SEE SHEET 1 FOR NOTES
CABINET POWER DISTRIBUTION
TBF104 JUNCTION BOX
333342
TBF101
CIRCUIT BREAKER CBF101
10 AMP
AC HOT
AC
LINE
LOAD
.047
AC COMMON
FRAME
FRAME GRD
JF103
-12V
XDSF102
4-C2-RA
6-E1-JA
2-F5-RP
1ND
2ND
POWER SWF108
1C
2C
6-E2-BK
4-C2-RB
17
16
DSF110
POWER
12V
34
AC BI-DIRECTIONAL SWITCH
CR1
K1
D-2
1250
SWF102 · 100
ASSEM. NO. 310952
6-87-AA
SEE NOTE 16
JE220
TB1
CIRCUIT BREAKER
1-1/2 AMP
CB1
LINE
4 AMP
CBF102
LOAD
CONTROL PANEL ASSEMBLY
2-F5
18
6-B1-JA
6-C1-BK
SWF107
RF101
150
1W
MOTOR SWITCH
CRF101
IN682
BID
DSF107
MOTORS
DSF109
A,C
B,D
SWF101
100
READER MOTOR
TH
5.0
PF104
J2
220
TB2

SEE SHEET 1 FOR NOTES.

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

7742WD		
REVISIONS		
ISSUE	DATE	AUTH. NO.
1	2-25-70	20815-A



SEE ISSUE CONTROL RECORD FOR COMPLETE LIST OF SHEETS COMPRISING THIS WD

SHEET 7

SCHEMATIC WIRING DIAGRAM FOR TRANSMITTER SET VS 268

APPROVALS	
D AND R	E OF M

E-NUMBER	
PROD. NO.	7742 WD
DATE	11-1-69
P.D. FILE NO.	38-A2/65AA
DRAWN CJR	CHKD.
ENGD. E.J.H.	APPD.

TELETYPE CORPORATION

7742WD

SHEET INDEX

CONTENTS	SHEET NO.	ISSUE NO. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	SHEET NO.
SHEET INDEX	A1	1																									A1
NOTES	A2	1																									A2
NOTES	A3	1																									A3
NOTES	A4	1																									A4
NETWORK LISTING-INDEX (B SECTION)	ALL	1																									ALL
NETWORK LISTING (C SECTION)	ALL	1																									ALL

SUPPORTING INFORMATION

CATEGORY	NO.
VS268 M.A.P.S. SUPPLEMENTARY TRANSMITTER SET.	WDP0235

SHEET INDEX NOTES

1. WHEN CHANGES ARE MADE IN THIS DRAWING ONLY THOSE SHEETS AFFECTED WILL BE REISSUED.
2. THIS SHEET INDEX WILL BE REISSUED AND UPDATED EACH TIME ANY SHEET OF THE DRAWING IS REISSUED OR A NEW SHEET IS ADDED.
3. THE LAST COMPLETED COLUMN INDICATES THE LATEST ISSUE NUMBER OF THE SHEET INDEX.
4. SHEETS THAT ARE NOT CHANGED WILL RETAIN THEIR EXISTING ISSUE NO.
5. ISSUE DATES WILL BE SHOWN ON THE SHEET INDEX ONLY.

REVISIONS 4 - 1 0 9

ISSUE	DATE	AUTH. NO.
1	6-5-70	20846-R

WIRING DIAGRAM

FOR

MODULE E

336914

APPROVALS

PROJ. SUPV.	PROJ. DIR.	MFG. REL. COMPL.
	RJL	

ENGR. R. G. S.	DSGNR.
DRN. D. Q.	DATE 3-16-70
R & D FILE	38-A2/65AA
S-NUMBER	61.761S

TELETYPE

7756WD A1

TC 639 (3-69)

NOTES

7756 WD-A2

REVISIONS

ISSUE	DATE	AUTH. NO.
2	6-5-70	20546-R

1. This WD consists of three sections:

   Section A — Notes

   Section B — Network Listing - Index

   Section C — Network Listing

2. NETWORK LISTING - INDEX

   The Index lists pins in alpha-numerical order and is a cross reference to the number of the network in which they appear.

3. NETWORK LIST

   The Network List is a list of connector pins that are connected together in a common electrical circuit. It lists the pins in from-to-to order. At branching points the first pin of the branch is indented. A second indentation indicates a branch within the first branch. Three indents indicates a third sub branch. If further sub branches are encountered, an indent number is used instead of further indenting.

   At a branching point the branching pin is connected to the pin listed on the next line below as well as to the pin at the end of the column of dots extending below the branching pin. If no pins are listed directly below or to the right, the branch ends. There is no direct connection between a pin and one listed below and in a column to its left.

   The asterisk in front of the indent number indentifies the first pin of a new sub branch.

4. POWER NETWORKS

   The following list indicates a terminal common to a particular voltage. The index will provide the individual network number.

VOLTAGE	TERMINAL
+6V	JE128 C1
-6V	JE128 A3
Circuit Common	JE128 B2
-12V	JE128 E1

WIRING DIAGRAM FOR MODULE E 336914

APPROVALS

D AND R	E OF M
[illegible]	[illegible]

S-NUMBER	61,761S
PROD. NO.	7756WD
DATE:	1-05-70
P.D. FILE NO.	38-A2765AA
DRAWN. DO	CHKD. [illegible]
ENGD. RGS	APPD. RJR

TELETYPE CORPORATION

7756 WD-A2

ST-101401

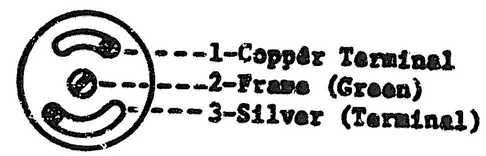
NOTES

7756WD-A3

REVISIONS		
ISSUE	DATE	AUTH. NO.
2	8-8-70	20846-W

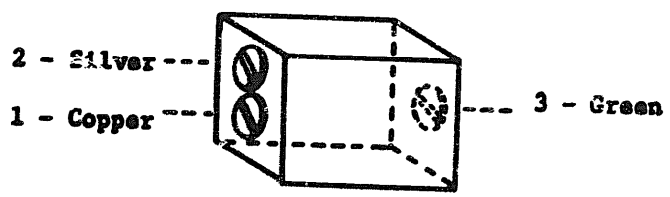
5. A-C Receptacle

Wired Side

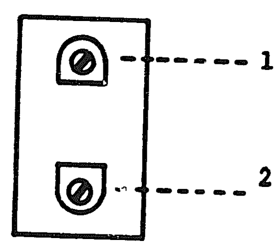


6. Auxiliary outlet on front plate

Rear View

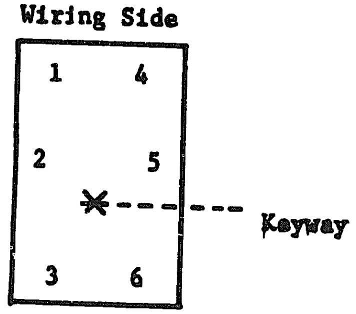


7. Circuit Breaker



8. Toggle switch terminal locations.

Wiring Side



SWE122

WIRING DIAGRAM FOR MODULE E 336914

APPROVALS	
D AND R	E OF M
LDM	~

S NUMBER 61.7618
PROD. NO. 7756WD

DATE: 1-05-70
RB. FILE NO. 38-A2/65AA
DRAWN. DQ CHKD. MWB
ENGD. [illegible] APPD. RMR

TELETYPE CORPORATION

7756 WD-A3

7756 WD A4

REVISIONS		
ISSUE	DATE	AUTH. NO.
1	6-5-70	20846-R

SAMPLE NETWORK (Arrows Show Connections)

Net	Component	Pin
0143	JD 4	G 6
0143	XZD314	21
0143	XZD313	20
0143	XZD313	6
0143	XZD312	6
0143	XZD311	6
0143	XZD313	23
0143	XZD313	25
0143	XZD313	31
0143	**04 XZD313	33
0143	04 XZD312	33
0143	XZD312	31
0143	XZD311	31
0143	XZD312	25
0143	XZD311	25
0143	XZD312	23
0143	XZD311	23
0143	XZD312	20
0143	XZD311	20
0144	JD 4	G 7
0144	XZD308	18
0144	XZD309	18
0144	XZD310	18
0144	XZD310	28
0144	XZD313	8
0144	XZD314	31
0144	XZD319	29
0144	XZD328	31
0144	XZD309	28
0144	XZD308	28
0144	XZD310	4
0144	XZD309	4

WIRING
DIAGRAM FOR
MODULE E 336914

APPROVALS

D AND R	E OF M
LDM	

S NUMBER 61.761S
PROD. NO. 7756WD

DATE: 1-05-70
RD. FILE NO. 38-A2/65AA
DRAWN DQ — CHKD.
ENGR. RGS — APPD.

TELETYPE CORPORATION

7756 WD-A4

NETWORK LISTING (TABULAR WIRING DIAGRAM) - INDEX

TITLE MODULE E WIRING OF SUPPLEMENTARY TRANSMITTER 336914

WIRING DIAGRAM	ISSUE	USED ON	DATE	PAGE B1 OF 3
7756	1	VS269 #2	1 2 70	

COMPONENT	PIN	NET
CBF 1	1	0104
CBE 1	2	0106
CBE 2	1	0101
CBE 2	2	0103
CBE 3	1	0094
CBE 3	2	0001
CBE 4	1	0093
CBE 4	2	0005
JE 1	1	0106
JE 1	2	0105
JE 1	3	0098
JE128	A 3	0093
JE128	A 7	0074
JE128	A 8	0075
JE128	A 9	0092
JE128	A10	0080
JE128	B 1	0078
JE128	B 2	0002
JE128	B 7	0073
JE128	B 8	0084
JE128	B 9	0091
JE128	B10	0081
JE128	C 1	0094
JE128	C 7	0057
JE128	C 8	0004
JE128	C 9	0095
JE128	C10	0096
JE128	D 1	0097
JE128	D 2	0098
JE128	D 7	0071
JE128	D 8	0070
JE128	D 9	0069
JE128	D10	0100
JE128	E 1	0101
JE128	E 7	0102
JE128	E 8	0072
JE128	E10	0090
JE128	F 7	0079
JE128	F 8	0047
JE128	F 9	0082
JE128	F10	0087
JE128	G 7	0036
JE128	G 8	0042
JE128	G 9	0040
JE128	G10	0043
JE128	H 4	0103
JE128	H 6	0006
JE128	H 8	0038
JE128	H 9	0083
JE128	H10	0088
JE228	1	0104
JE228	2	0098
JE228	3	0105

COMPONENT	PIN	NET
SwE122	1	0002
SwE122	2	0077
SwE122	4	0002
SwE122	5	0106
XZE102	2	0001
XZE102	4	0002
XZE102	9	0003
XZE102	12	0004
XZE102	14	0015
XZE102	15	0006
XZE102	16	0002
XZE102	18	0001
XZE102	20	0005
XZE102	22	0007
XZE102	24	0005
XZE102	26	0006
XZE102	27	0002
XZE102	28	0001
XZE102	29	0008
XZE102	30	0009
XZE102	31	0010
XZE102	32	0011
XZE102	33	0012
XZE102	34	0013
XZE102	35	0014
XZE102	36	0009
XZE103	A 1	0015
XZE103	A 7	0016
XZE103	A 9	0017
XZE103	A10	0018
XZE103	A11	0019
XZE103	A14	0020
XZE103	A16	0002
XZE103	A17	0021
XZE103	A18	0001
XZE103	A20	0005
XZE103	A21	0022
XZE103	A24	0022
XZE103	A26	0023
XZE103	A27	0024
XZE103	A28	0025
XZE103	A32	0025
XZE103	A33	0026
XZE103	A35	0019
XZE103	A36	0027
XZE103	B 1	0028
XZE103	B 4	0018
XZE103	B 5	0029
XZE103	B 6	0030
XZE103	B 9	0031
XZE103	B10	0027
XZE103	B12	0023
XZE103	B13	0021

COMPONENT	PIN	NET
XZE103	B16	0002
XZE103	B17	0027
XZE103	B18	0001
XZE103	B20	0005
XZE103	B21	0024
XZE103	B22	0016
XZE103	B23	0029
XZE103	B25	0032
XZE103	B26	0013
XZE103	B27	0033
XZE103	B28	0026
XZE103	B30	0003
XZE103	B32	0034
XZE103	B34	0035
XZE105	1	0036
XZE105	2	0037
XZE105	4	0038
XZE105	9	0039
XZE105	10	0006
XZE105	11	0006
XZE105	14	0006
XZE105	16	0002
XZE105	18	0001
XZE105	20	0005
XZE105	22	0040
XZE105	23	0041
XZE105	24	0042
XZE105	25	0043
XZE105	30	0044
XZE105	31	0006
XZE105	32	0006
XZE105	33	0006
XZE105	35	0006
XZE105	36	0045
XZE106	A 1	0041
XZE106	A 4	0046
XZE106	A 9	0047
XZE106	A10	0029
XZE106	A16	0002
XZE106	A18	0001
XZE106	A20	0005
XZE106	A25	0001
XZE106	A36	0001
XZE106	B 1	0045
XZE106	B 2	0014
XZE106	B 4	0044
XZE106	B 5	0029
XZE106	B 6	0029
XZE106	B16	0002
XZE106	B18	0001
XZE106	B20	0005
XZE108	A 1	0037
XZE108	A 4	0013

NETWORK LISTING (TABULAR WIRING DIAGRAM) - INDEX

TITLE
MODULE E WIRING OF SUPPLEMENTARY TRANSMITTER 336914

WIRING DIAGRAM	ISSUE	USED ON	DATE	PAGE	OF
7756	1	/S268 #2	1 2 70	B 2	3

COMPONENT	PIN	NET
XZE108	A 9	0034
XZE108	A10	0022
XZE108	A12	0048
XZE108	A16	0002
XZE108	A18	0001
XZE108	A20	0005
XZE108	A22	0049
XZE108	A23	0002
XZE108	A25	0001
XZE108	A27	0049
XZE108	A31	0050
XZE108	A32	0051
XZE108	A33	0002
XZE108	A34	0050
XZE108	A36	0001
XZE108	B 1	0039
XZE108	B 3	0022
XZE108	B 4	0051
XZE108	B 5	0011
XZE108	B 6	0022
XZE108	B 8	0051
XZE108	B 9	0052
XZE108	B10	0052
XZE108	B11	0053
XZE108	B16	0002
XZE108	B18	0001
XZE108	B20	0005
XZE108	B27	0048
XZE110	A 1	0054
XZE110	A 2	0017
XZE110	A11	0027
XZE110	A12	0055
XZE110	A13	0008
XZE110	A14	0046
XZE110	A16	0002
XZE110	A18	0001
XZE110	A20	0005
XZE110	A22	0056
XZE110	A23	0015
XZE110	A24	0051
XZE110	A25	0022
XZE110	A30	0002
XZE110	A33	0039
XZE110	A34	0057
XZE110	A35	0035
XZE110	A36	0058
XZE110	B 1	0059
XZE110	B 2	0002
XZE110	B 3	0012
XZE110	B 9	0028
XZE110	B10	0046
XZE110	B11	0002
XZE110	B12	0056

COMPONENT	PIN	NET
XZE110	B13	0027
XZE110	B14	0060
XZE110	B16	0002
XZE110	B18	0001
XZE110	B20	0005
XZE110	B22	0014
XZE110	B23	0002
XZE110	B24	0053
XZE110	B25	0002
XZE110	B26	0010
XZE110	B27	0061
XZE110	B29	0002
XZE110	B32	0061
XZE110	B33	0034
XZE110	B34	0011
XZE110	B35	0062
XZE110	B36	0053
XZE112	A16	0002
XZE112	A18	0001
XZE112	A20	0005
XZE112	A24	0063
XZE112	A25	0024
XZE112	A26	0064
XZE112	A27	0016
XZE112	A30	0022
XZE112	A31	0047
XZE112	A32	0065
XZE112	A35	0013
XZE112	A36	0066
XZE112	B16	0002
XZE112	B18	0001
XZE112	B20	0005
XZE112	B24	0026
XZE112	B25	0065
XZE112	B26	0063
XZE112	B31	0067
XZE112	B32	0029
XZE112	B33	0032
XZE112	B34	0013
XZE112	B35	0032
XZE112	B36	0066
XZE114	A 7	0068
XZE114	A 9	0068
XZE114	A10	0060
XZE114	A11	0069
XZE114	A14	0069
XZE114	A16	0002
XZE114	A17	0066
XZE114	A18	0001
XZE114	A20	0005
XZE114	A21	0070
XZE114	A24	0022
XZE114	A26	0062

COMPONENT	PIN	NET
XZE114	A27	C071
XZE114	A28	C059
XZE114	A33	0058
XZE114	A36	C072
XZE114	B 1	0073
XZE114	B 2	0074
XZE114	B 4	0075
XZE114	B 6	0076
XZE114	B 7	C077
XZE114	B 9	C076
XZE114	B10	0073
XZE114	B11	0066
XZE114	B12	0076
XZE114	B14	0047
XZE114	B16	0002
XZE114	B18	0001
XZE114	B20	0005
XZE114	B22	C047
XZE114	B23	0022
XZE114	B25	C010
XZE114	B26	0058
XZE114	B27	0058
XZE114	B28	0072
XZE114	B30	0078
XZE114	B32	C063
XZE114	B34	0079
XZE116	A 1	0012
XZE116	A 6	C080
XZE116	A 7	0016
XZE116	A 9	0016
XZE116	A10	0081
XZE116	A11	0020
XZE116	A14	0020
XZE116	A16	0002
XZE116	A17	0082
XZE116	A18	CC01
XZE116	A20	0005
XZE116	A24	0056
XZE116	A26	0056
XZE116	A27	0083
XZE116	A28	0054
XZE116	A32	0054
XZE116	A36	C084
XZE116	B 2	0029
XZE116	B 4	0081
XZE116	B 6	0031
XZE116	B 9	0085
XZE116	B10	0086
XZE116	B12	C082
XZE116	B14	0087
XZE116	B16	0002
XZE116	B18	0001
XZE116	B20	0005

NETWORK LISTING (TABULAR WIRING DIAGRAM) - INDEX

TITLE: MODULE E WIRING OF SUPPLEMENTARY TRANSMITTER 336914

WIRING DIAGRAM	ISSUE	USED ON	DATE	PAGE
7756	1	VS268 ~~02~~	1 2 10	B 3 OF 3

COMPONENT	PIN	NET
XZE116	B22	0093
XZE116	B25	0088
XZE116	B26	0033
XZE116	B27	0094
XZE116	B28	0090
XZE116	B29	0054
XZE116	B30	0091
XZE116	B32	0092
XZE116	B34	0091
XZE118	A 1	0102
XZE118	A 6	0021
XZE118	A 7	0018
XZE118	A 9	0061
XZE118	A10	0097
XZE118	A11	0107
XZE118	A14	0099
XZE118	A16	0002
XZE118	A17	0055
XZE118	A18	0001
XZE118	A20	0005
XZE118	B 3	0064
XZE118	B 4	0003
XZE118	B 5	0107
XZE118	B 6	0100
XZE118	B 7	0029
XZE118	B 9	0067
XZE118	B10	0030
XZE118	B12	0029
XZE118	B13	0065
XZE118	B14	0108
XZE118	B16	0002
XZE118	B17	0067
XZE118	B18	0001
XZE118	B20	0005
XZE326	24	0086
XZE326	25	0085
XZE326	26	0007
XZE326	27	0096
XZE326	30	0007
XZE326	31	0006
XZE326	33	0099
XZE326	34	0017
XZE326	35	0095
XZE326	36	0007

OF PINS = 0362

END OF LISTING

COMPONENT	PIN	NET

COMPONENT	PIN	NET

NETWORK LISTING (TABULAR WIRING DIAGRAM)

TITLE: MODULE E WIRING OF SUPPLEMENTARY TRANSMITTER 336914

WIRING DIAGRAM	ISSUE	USED ON	DATE	PAGE
7756	1	VS268	1 2 70	C1 OF 5

NET	COMPONENT	PIN
0001	XZE103	B18
0001	XZE103	A18
0001	• XZE105	18
0001	• • • XZE106	A25
0001	• • • XZE106	A36
0001	• • XZE108	A25
0001	• • XZE108	A36
0001	• XZE106	A18
0001	• • XZE108	A18
0001	• • • XZE110	A18
0001	• • • • XZE112	A18
0001	**05 XZE114	A18
0001	**06 XZE116	A18
0001	**07 XZE118	A18
0001	**07 XZE118	B18
0001	**06 XZE116	B18
0001	**05 XZE114	B18
0001	• • • • XZE112	B18
0001	• • • XZE110	B18
0001	• • XZE108	B18
0001	• XZE106	B18
0001	XZE102	18
0001	XZE102	2
0001	XZE102	28
0001	CBE 3	2
0002	XZE102	27
0002	XZE102	4
0002	XZE102	16
0002	XZE103	A16
0002	• XZE105	16
0002	• XZE106	A16
0002	• • XZE108	A16
0002	• • • • XZE108	B16
0002	• • • • XZE110	B25
0002	• • • XZE110	A16
0002	**05 XZE110	B16
0002	**05 XZE110	B11
0002	**06 XZE110	B23
0002	**05 XZE110	B 2
0002	• • • • XZE112	A16
0002	**05 XZE114	A16
0002	**06 XZE116	A16
0002	**07 XZE118	A16
0002	**08 XZE118	B16
0002	**07 JE128	B 2
0002	**06 XZE116	B16
0002	**05 XZE114	B16
0002	• • • • XZE112	B16
0002	• • • XZE110	A30
0002	• • • XZE110	B29
0002	• • XZE108	A23
0002	• • XZE108	A33

NET	COMPONENT	PIN
0002	• XZE106	B16
0002	XZE103	B16
0002	SWE122	1
0002	SWE122	4
0003	XZE103	B30
0003	XZE102	9
0003	XZE118	B 4
0004	XZE102	12
0004	JE128	C 8
0005	XZE103	B20
0005	XZE103	A20
0005	• XZE105	20
0005	• XZE106	A20
0005	• • XZE108	A20
0005	• • • XZE110	A20
0005	• • • • XZE112	A20
0005	**05 XZE114	A20
0005	**06 XZE116	A20
0005	**07 XZE118	A20
0005	**07 XZE118	B20
0005	**06 XZE116	B20
0005	**05 XZE114	B20
0005	• • • • XZE112	B20
0005	• • • XZE110	B20
0005	• • XZE108	B20
0005	• XZE106	B20
0005	XZE102	20
0005	XZE102	14
0005	XZE102	24
0005	CBE 4	2
0006	XZE102	15
0006	XZE102	26
0006	XZE105	31
0006	• XZE105	32
0006	• • XZE105	35
0006	• • XZE326	31
0006	• • JE128	H 6
0006	• XZE105	33
0006	XZE105	10
0006	XZE105	11
0006	XZE105	14
0007	XZE102	22
0007	XZE326	26
0007	XZE326	30
0007	XZE326	36
0008	XZE102	29
0008	XZE110	A13

RM 151698 (9-63)

TELETYPE

NETWORK LISTING (TABULAR WIRING DIAGRAM)

TITLE
MODULE E WIRING OF SUPPLEMENTARY TRANSMITTER 336914

WIRING DIAGRAM	ISSUE	USED ON	DATE	PAGE
90 7756	1	VS268	1 2 70	C2OF 5

NET	COMPONENT	PIN
0009	XZE102	30
0009	XZE102	36
0010	XZE102	31
0010	XZE110	B26
0010	XZE114	B25
0011	XZE102	32
0011	XZE108	B 5
0011	XZE110	B34
0012	XZE102	33
0012	XZE110	B 3
0012	XZE116	A 1
0013	XZE102	34
0013	XZE112	B34
0013	XZE112	A35
0013	XZF103	B26
0013	XZE108	A 4
0014	XZE102	35
0014	XZE110	B22
0014	XZE106	B 2
0015	XZE103	A 1
0015	XZE110	A23
0016	XZE103	B22
0016	XZE103	A 7
0016	XZE116	A 7
0016	XZE116	A 9
0016	XZE112	A27
0017	XZE110	A 2
0017	XZE103	A 9
0017	XZE326	34
0018	XZE103	B 4
0018	XZE103	A10
0018	XZE118	A 7
0019	XZE103	A11
0019	XZE103	A35
0020	XZE103	A14
0020	XZE116	A11
0020	XZE116	A14
0021	XZE103	B13
0021	XZE103	A17
0021	XZF118	A 6

NET	COMPONENT	PIN
0022	XZE103	A24
0022	XZE103	A21
0022	XZE108	B 3
0022	XZE108	B 6
0022	XZE108	A10
0022	• XZE114	B23
0022	• XZE114	A24
0022	XZE110	A25
0022	XZE112	A30
0023	XZE103	A26
0023	XZE103	B12
0024	XZE103	B21
0024	XZE103	A27
0024	XZE112	A25
0025	XZE103	A28
0025	XZE103	A32
0026	XZE103	B28
0026	XZE103	A33
0026	XZE112	B24
0027	XZE103	A36
0027	XZE103	B10
0027	• XZE110	A11
0027	• XZE110	B13
0027	XZE103	B17
0028	XZE103	B 1
0028	XZE110	B 9
0029	XZE103	B23
0029	XZE103	B 5
0029	XZE106	B 5
0029	• XZE116	B 2
0029	• XZE118	B 7
0029	• XZE118	B12
0029	• XZE112	B32
0029	XZE106	B 6
0029	XZE106	A10
0030	XZE103	B 6
0030	XZE118	B10
0031	XZE103	B 9
0031	XZE116	B 6
0032	XZE103	B25
0032	XZE112	B35
0032	XZE112	B33

TITLE
MODULE E WIRING OF SUPPLEMENTARY TRANSMITTER 336914

WIRING DIAGRAM	ISSUE	USED ON	DATE	PAGE
00 7756	1	VS268	1 2 70	C3OF 5

NET	COMPONENT	PIN
0033	XZE103	B27
0033	XZE116	B26
0034	XZE103	B32
0034	XZE110	B33
0034	XZE108	A 9
0035	XZE103	B34
0035	XZE110	A35
0036	XZE105	1
0036	JE128	G 7
0037	XZE105	2
0037	XZE108	A 1
0038	XZE105	4
0038	JE128	H 8
0039	XZE105	9
0039	XZE108	B 1
0039	XZE110	A33
0040	XZE105	22
0040	JE128	G 9
0041	XZE105	23
0041	XZE106	A 1
0042	XZE105	24
0042	JE128	G 8
0043	XZE105	25
0043	JE128	G10
0044	XZE105	30
0044	XZE106	B 4
0045	XZE105	36
0045	XZE106	B 1
0046	XZE106	A 4
0046	XZE110	B10
0046	XZE110	A14
0047	XZE106	A 9
0047	XZE114	B14
0047	XZE114	B22
0047	• JE128	F 8
0047	XZE112	A31
0048	XZE108	A12
0048	XZE108	B27
0049	XZE108	A22
0049	XZE108	A27
0050	XZE108	A31
0050	XZE108	A34
0051	XZE108	B 4
0051	XZE108	B 8
0051	XZE108	A32
0051	XZE110	A24
0052	XZE108	B 9
0052	XZE108	B10
0053	XZE108	B11
0053	XZE110	B24
0054	XZE110	A 1
0054	XZE116	A28
0054	• XZE116	B29
0054	XZE116	A32
0055	XZE110	A12
0055	XZE118	A17
0056	XZE110	B12
0056	XZE110	A22
0056	XZE116	A26
0056	XZE116	A24
0057	XZE110	A34
0057	JE128	C 7
0058	XZE110	B36
0058	XZE110	A36
0058	XZE114	A33
0058	XZE114	B27
0058	XZE114	B26
0059	XZE110	B 1
0059	XZE114	A28
0060	XZE110	B14
0060	XZE114	A10
0061	XZE110	B27
0061	XZE110	B32
0061	XZE118	A 9
0062	XZE110	B35
0062	XZE114	A26

NETWORK LISTING (TABLULAR WIRING DIAGRAM)

TITLE
MODULE E WIRING OF SUPPLEMENTARY TRANSMITTER 336914

WIRING DIAGRAM	ISSUE	USED ON	DATE	PAGE
88 7756	1	VS268	1 2 70	C 4OF 5

NET	COMPONENT	PIN
0063	XZE112	A24
0063	XZE112	B26
0063	XZE114	B32
0064	XZE112	A26
0064	XZE118	B 3
0065	XZE112	B25
0065	XZE112	A32
0065	XZE118	B13
0066	XZE112	B36
0066	XZE112	A36
0066	XZE114	A17
0066	XZE114	B11
0067	XZE112	B31
0067	XZE118	B 9
0067	XZE118	B17
0068	XZE114	A 7
0068	XZE114	A 9
0069	XZE114	A11
0069	XZE114	A14
0070	XZE114	A21
0070	JE128	D 8
0071	XZE114	A27
0071	JE128	D 7
0072	XZE114	A36
0072	XZE114	B28
0072	JE128	E 8
0073	XZE114	B10
0073	XZE114	B 1
0073	JE128	B 7
0074	XZE114	B 2
0074	JE128	A 7
0075	XZE114	B 4
0075	JE128	A 8
0076	XZE114	B 6
0076	XZE114	B 9
0076	XZE114	B12
0077	XZE114	B 7
0077	SWE122	2

NET	COMPONENT	PIN
0078	XZE114	B30
0078	JE128	B 1
0079	XZE114	B34
0079	JE128	F 7
0080	XZE116	A 6
0080	JE128	A10
0081	XZE116	B 4
0081	XZE116	A10
0081	JE128	B10
0082	XZE116	A17
0082	XZE116	B12
0082	JE128	F 9
0083	XZE116	A27
0083	XZE116	B22
0083	JE128	H 9
0084	XZE116	A36
0084	JE128	B 8
0085	XZE116	B 9
0085	XZE326	25
0086	XZE116	B10
0086	XZE326	24
0087	XZE116	B14
0087	JE128	F10
0088	XZE116	B25
0088	JE128	H10
0089	XZE116	B27
0089	XZE118	A14
0090	XZE116	B28
0090	JE128	E10
0091	XZE116	B34
0091	XZE116	B30
0091	JE128	B 9
0092	XZE116	B32
0092	JE128	A 9
0093	JE128	A 3
0093	CBE 4	1

NETWORK LISTING (TABULAR WIRING DIAGRAM)

TITLE: MODULE E WIRING OF SUPPLEMENTARY TRANSMITTER 336914

WIRING DIAGRAM	ISSUE	USED ON	DATE	PAGE
00 7756	1	VS268	1 2 70	C5 OF 5

NET	COMPONENT	PIN
0094	JE128	C 1
0094	CBF 3	1
0095	JE128	C 9
0095	XZE326	35
0096	JE128	C10
0096	XZE326	27
0097	JE128	D 1
0097	XZE118	A10
0098	JE128	D 2
0098	JF228	2
0098	JE 1	3
0099	JE128	D 9
0099	XZE326	33
0100	JE128	D10
0100	XZE118	B 6
0101	JE128	E 1
0101	CBE 2	1
0102	JE128	E 7
0102	XZE118	A 1
0103	JE128	H 4
0103	CBE 2	2
0104	JE228	1
0104	CBE 1	1
0105	JE228	3
0105	JE 1	2
0106	CBE 1	2
0106	JE 1	1
0107	XZE118	A11
0107	XZE118	B 5
0108	XZE118	B14
0108	SWE122	5

NUMBER OF WIRES - 0254

NET	COMPONENT	PIN

END OF LISTING

SHEET INDEX

CONTENTS	SHEET NO.	ISSUE NO. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	SHEET NO.
SHEET INDEX	A1	1																									A1
NOTES	A2	1																									A2
NOTES	A3	1																									A3
NOTES	A4	1																									A4
NOTES	A5	1																									A5
NOTES	A6	1																									A6
NETWORK LISTING-INDEX (B SECTION)	ALL	1																									ALL
NETWORK LISTING (C SECTION)	ALL	1																									ALL

SUPPORTING INFORMATION

CATEGORY	NO.
VS268 M.A.P.S. SUPPLEMENTARY TRANSMITTER SET.	WDP0235

SHEET INDEX NOTES

1. WHEN CHANGES ARE MADE IN THIS DRAWING ONLY THOSE SHEETS AFFECTED WILL BE REISSUED.
2. THIS SHEET INDEX WILL BE REISSUED AND UPDATED EACH TIME ANY SHEET OF THE DRAWING IS REISSUED OR A NEW SHEET IS ADDED.
3. THE LAST COMPLETED COLUMN INDICATES THE LATEST ISSUE NUMBER OF THE SHEET INDEX.
4. SHEETS THAT ARE NOT CHANGED WILL RETAIN THEIR EXISTING ISSUE NO.
5. ISSUE DATES WILL BE SHOWN ON THE SHEET INDEX ONLY.

REVISIONS

ISSUE	DATE	AUTH. NO.
1	6-5-70	20846-R

WIRING DIAGRAM

FOR

SUPPLEMENTARY

CONTROL PANEL

310913

APPROVALS

PROJ. SUPV.	PROJ. DIR.	MFG. REL. COMPL.
	R/R	

ENGR. R.G.S.	DSGNR.
DRN. D.Q.	DATE 3-16-70
R & D FILE	38-A2/65AA
S-NUMBER	61.761S

TELETYPE

7757WD-A1

TC 639 (3-69)

NOTES

1. Connect IN682 Diode (177611) to the indicated "To" Terminals with 60340 RM Tubing on each end of diode.

2. Connect 150 ohm Resistor (310988) to the indicated "To" terminal.

3. Wire must be connected to the indicated "From" and "To" terminals. The "To" end of the wire must have a 72597 RM terminal connected to it. The "To" terminal is a screw on the JF 103 Connector Mount.

4. Use 155754 Tubing on the following pins of JF 103: 5, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, and 36.

5. Use 155752 Tubing on the following pins of JF 103: 1, 3 and 7

6. All white 20 AWG is 31722 RM
   All black 20 AWG is 31721 RM
   All red 20 AWG is 32147 RM
   All green 24 AWG is 31784 RM

7. Switch designations SWF - - - and SF - - - are identical. In the schematic wiring diagram it appears as SWF - - -.

7757 WD-A2

REVISIONS

ISSUE	DATE	AUTH. NO.
1	6-5-70	20846-R

WIRING DIAGRAM FOR SUPPLEMENTARY CONTROL PANEL 310913

APPROVALS

D AND R	E OF M
LCM	

S-NUMBER 61,761S

PROD. NO. 7757WD

DATE: 1-05-70

P.D. FILE NO. 38-A2/65AA

DRAWN. DQ | CHKD. MWB

ENGD. HGS | APPD. RMR

TELETYPE CORPORATION

7757 WD-A2

ST-101401

NOTES

7757 WD-A3

REVISIONS

ISSUE	DATE	AUTH. NO.
	6-5-70	20846-R

8. This WD consists of three sections:

Section A	Notes
Section B	Network Listing - Index
Section C	Network Listing

9. NETWORK LISTING - INDEX

The Index lists pins in alpha-numerical order and is a cross reference to the number of the network in which they appear.

10. NETWORK LIST

The Network List is a list of connector pins that are connected together in a common electrical circuit. It lists the pins in from-to-to order. At branching points the first pin of the branch is indented. A second indentation indicates a branch within the first branch. Three indents indicate a third sub branch. If further sub branches are encountered, an indent number is used instead of further identing.

At a branching point the branching pin is connected to the pin listed on the next line below as well as to the pin at the end of the column of dots extending below the branching pin. If no pins are listed directly below or to the right, the branch ends. There is no direct connection between a pin and one listed below and in a colmun to its left.

The asterisk in front of the indent number identifies the first pin of a new sub branch.

11. POWER NETWORKS

The following listing indicates a terminal common to a particular voltage. The index will provide the individual network number.

VOLTAGE	TERMINAL
-12V	JF103 1
Lamp Common	JF103 34

WIRING DIAGRAM FOR SUPPLEMENTARY CONTROL PANEL 310913

APPROVALS

D AND R	E OF M
LEM	

S NUMBER 61,761S

PROD. NO. 7757WD

DATE: 1-05-70

P.D. FILE NO. 38-A2/65AA

DRAWN.	DQ	CHKD.	MWB
ENGD.	RGS	APPD.	RJR

TELETYPE CORPORATION

7757 WD-A3

ET100143
TC2021(6-64)

ET-131401

7757WD-A4

REVISIONS		
ISSUE	DATE	AUTH. NO.
1	6-5-70	20846-R

SAMPLE NETWORK (Arrows Show Connections)

```
Net    Component   Pin

0143    JD  4      G 6
0143    XZD314      21
0143    XZD313      20
0143     .    .      XZD313      6
0143     .    .      XZD312      6
0143     .    .      XZD311      6
0143     .   XZD313        23
0143     .    .     XZD313        25
0143     .    .     .  XZD313        31
0143       *04          XZD313        33
0143        04          XZD312        33
0143     .    .     .  XZD312        31
0143     .    .     .  XZD311        31
0143     .    .     XZD312      25
0143     .    .     XZD311      25
0143     .   XZD312      23
0143     .   XZD311      23
0143    XZD312      20
0143    XZD311      20

0144    JD  4      G 7
0144    XZD308      18
0144    XZD309      18
0144    XZD310      18
0144     .   XZD310      28
0144     .    .   XZD313      8
0144     .    .   XZD314      31
0144     .    .   XZD319      29
0144     .    .   XZD328      31
0144     .   XZD309      28
0144     .   XZD308      28
0144    XZD310       4
0144    XZD309       4
```

WIRING DIAGRAM FOR SUPPLEMENTARY CONTROL PANEL 310913

APPROVALS	
D AND R	E OF M
LDM	~

S NUMBER 61,761S

PROD. NO. 7757WD

DATE: 1-05-70

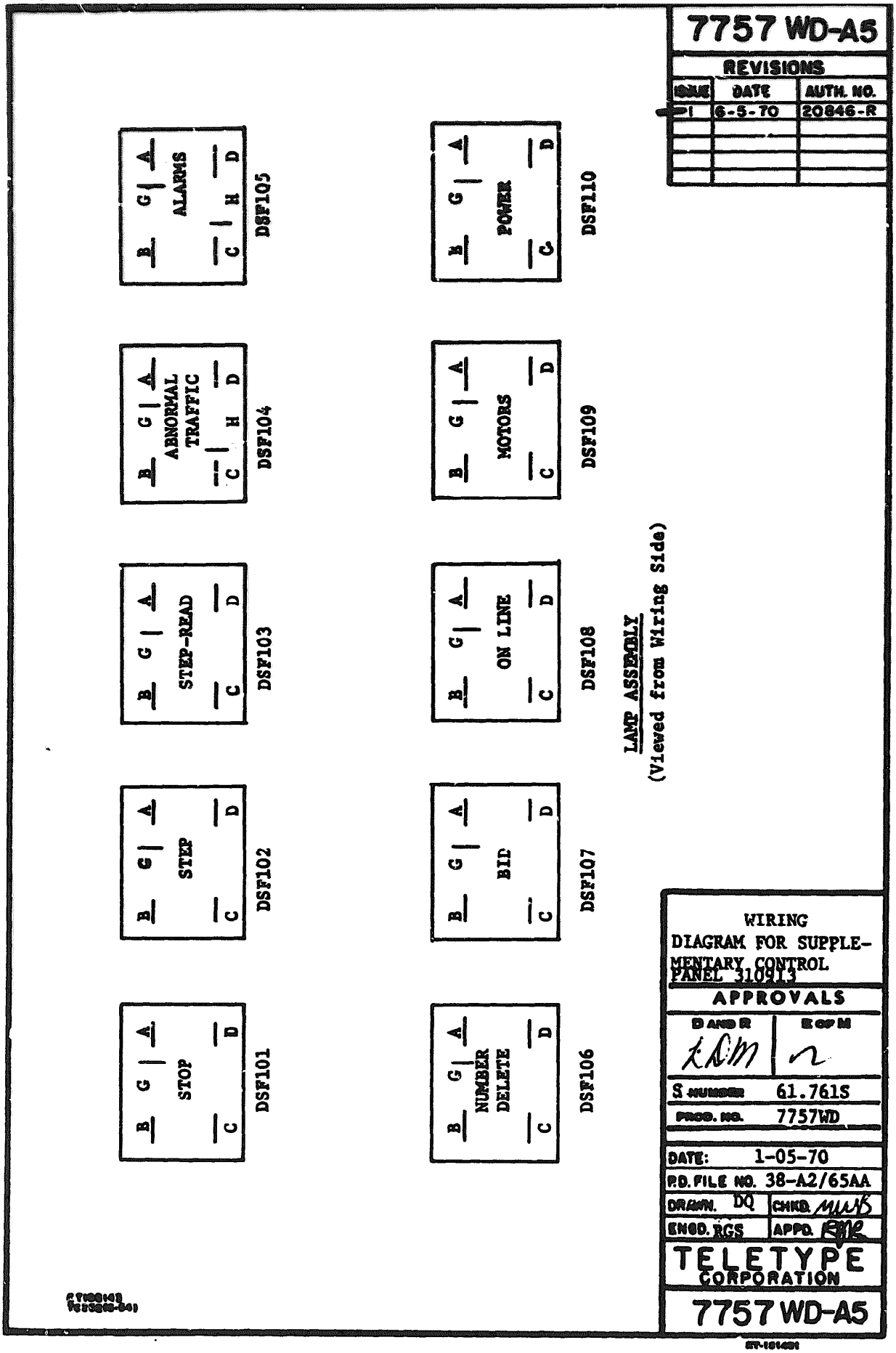
RD. FILE NO. 38-A2/65AA

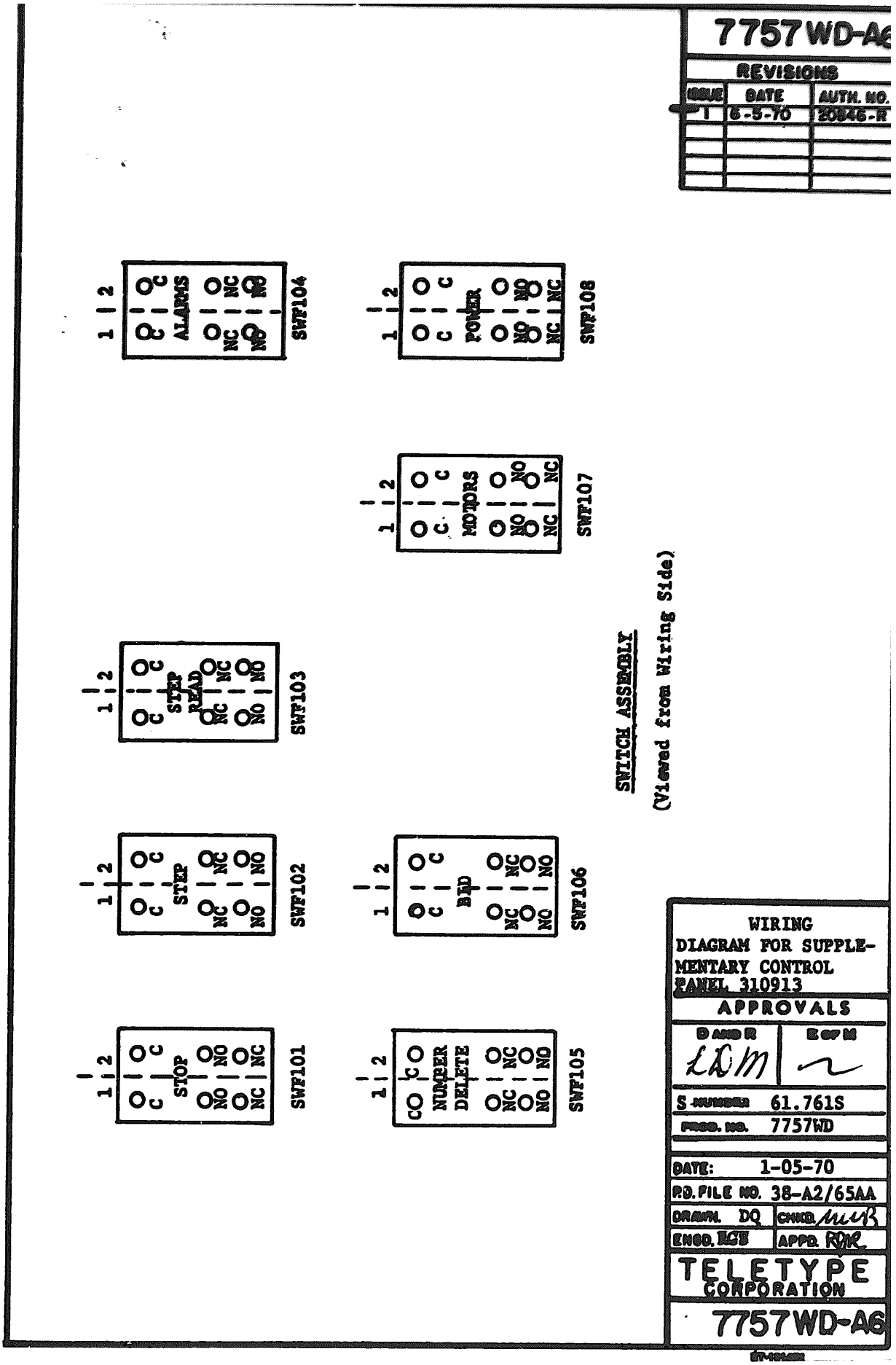
DRAWN DQ | CHKD. MWS

ENGD. RGS | APPD. [illegible]

TELETYPE CORPORATION

7757 WD-A4


7757 WD-A5
REVISIONS
ISSUE | DATE | AUTH. NO.
1 | 6-5-70 | 20846-R
B G A
STOP
C D
DSF101
B G A
STEP
C D
DSF102
B G A
STEP-READ
C D
DSF103
B G A
ABNORMAL TRAFFIC
C H D
DSF104
B G A
ALARMS
C H D
DSF105
B G A
NUMBER DELETE
C D
DSF106
B G A
BID
C D
DSF107
B G A
ON LINE
C D
DSF108
B G A
MOTORS
C D
DSF109
B G A
POWER
C D
DSF110
LAMP ASSEMBLY
(Viewed from Wiring Side)
WIRING DIAGRAM FOR SUPPLEMENTARY CONTROL PANEL 310913
APPROVALS
D AND R
E OF M
S NUMBER 61.761S
PROD. NO. 7757WD
DATE: 1-05-70
P.D. FILE NO. 38-A2/65AA
DRAWN. DQ
CHKD. MWB
ENGD. RGS
APPD.
TELETYPE CORPORATION
7757 WD-A5


7757WD-A6
REVISIONS
ISSUE
DATE
AUTH. NO.
1
6-5-70
20846-R
SWF104
ALARMS
SWF108
POWER
SWF107
MOTORS
SWF103
STEP
READ
SWF102
STEP
SWF106
BID
SWF101
STOP
SWF105
NUMBER
DELETE
SWITCH ASSEMBLY
(Viewed from Wiring Side)
WIRING
DIAGRAM FOR SUPPLE-
MENTARY CONTROL
PANEL 310913
APPROVALS
D AND R
E OF M
S NUMBER 61.761S
PROD. NO. 7757WD
DATE: 1-05-70
P.D. FILE NO. 38-A2/65AA
DRAWN. DQ
CHKD.
ENGD. ECS
APPD.
TELETYPE
CORPORATION
7757WD-A6

NETWORK LISTING (TABULAR WIRING DIAGRAM) -INDEX

TITLE
CONTROL PANEL WIRING OF SUPPLEMENTARY TRANSMITTER 210913

WIRING DIAGRAM	ISSUE	USED ON	DATE	PAGE
7757	1	VS269	1 2 70	1 OF 1

COMPONENT	PIN	NET
CRF101	A	0016
CRF101	C	0028
CRF102	A	0033
CRF102	C	0035
FRAME		0027
JF103	1	0018
JF103	5	0017
JF103	7	0019
JF103	9	0020
JF103	10	0021
JF103	11	0022
JF103	12	0023
JF103	13	0024
JF103	14	0025
JF103	15	0026
JF103	16	0027
JF103	17	0003
JF103	18	0028
JF103	19	0029
JF103	20	0030
JF103	21	0031
JF103	22	0032
JF103	23	0033
JF103	24	0014
JF103	25	0015
JF103	26	0006
JF103	27	0007
JF103	28	0012
JF103	29	0013
JF103	30	0010
JF103	31	0011
JF103	32	0008
JF103	33	0009
JF103	34	0034
JF103	35	0005
JF103	36	0004
RF101	1	0016
RF101	2	0018
RF102	1	0001
RF102	2	0018
RF103	1	0035
RF103	2	0003
SF101	1 C	0001
SF101	1NO	0002
SF101	2 C	0003
SF101	2NC	0005
SF101	2NO	0004
SF102	2 C	0003
SF102	2NC	0007
SF102	2NO	0006
SF103	2 C	0003
SF103	2NC	0009
SF103	2NO	0008

COMPONENT	PIN	NET
SF104	2 C	0003
SF104	2NC	0011
SF104	2NO	0010
SF105	2 C	0003
SF105	2NC	0013
SF105	2NO	0012
SF106	2 C	0003
SF106	2NC	0015
SF106	2NO	0014
SF107	1 C	0016
SF107	1NO	0002
SF107	2 C	0003
SF107	2NO	0017
SF108	1 C	0002
SF108	1NO	0018
SF108	2 C	0003
SF108	2NO	0019
XDSF101	A	0001
XDSF101	B	0001
XDSF101	C	0001
XDSF101	D	0001
XDSF101	G	0020
XDSF102	G	0018
XDSF103	A	0033
XDSF103	B	0035
XDSF103	C	0028
XDSF103	D	0016
XDSF104	A	0035
XDSF104	B	0035
XDSF104	C	0035
XDSF104	D	0035
XDSF104	G	0018
XDSF105	A	0031
XDSF105	B	0031
XDSF105	C	0030
XDSF105	D	0030
XDSF105	G	0021
XDSF105	H	0022
XDSF106	A	0029
XDSF106	B	0029
XDSF106	C	0029
XDSF106	D	0029
XDSF106	G	0023
XDSF107	A	0028
XDSF107	B	0028
XDSF107	C	0028
XDSF107	D	0028
XDSF107	G	0024
XDSF108	A	0032
XDSF108	B	0032
XDSF108	C	0032
XDSF108	D	0032
XDSF108	G	0025

COMPONENT	PIN	NET
XDSF109	A	0014
XDSF109	B	0014
XDSF109	C	0014
XDSF109	D	0014
XDSF109	G	0026
XDSF110	A	0002
XDSF110	B	0002
XDSF110	C	0002
XDSF110	D	0002
XDSF110	G	0034

OF PINS - 0116

END OF LISTING

TITLE
CONTROL PANEL WIRING OF SUPPLEMENTARY TRANSMITTER 310913

WIRING DIAGRAM	ISSUE	USED ON	DATE	PAGE
7757	1	VS96A	1 2 70	C1 OF 2

NET	COMPONENT	PIN
0001	XDSF101	A
0001	XDSF101	B
0001	XDSF101	C
0001	XDSF101	D
0001	SF101	1 C
0001	RF102	1
0002	SF101	1NO
0002	SF107	1NO
0002	SF108	1 C
0002	XDSF110	D
0002	XDSF110	C
0002	XDSF110	B
0002	XDSF110	A
0003	SF108	2 C
0003	SF107	2 C
0003	• JF103	17
0003	SF106	2 C
0003	SF105	2 C
0003	SF101	2 C
0003	SF102	2 C
0003	SF103	2 C
0003	SF104	2 C
0003	RF103	2
0004	SF101	2NO
0004	JF103	34
0005	SF101	2NC
0005	JF103	35
0006	SF102	2NC
0006	JF103	26
0007	SF102	2NC
0007	JF103	27
0008	SF103	2NO
0008	JF103	32
0009	SF103	2NC
0009	JF103	33
0010	SF104	2NO
0010	JF103	30
0011	SF104	2NC
0011	JF103	31
0012	SF105	2NC
0012	JF103	28
0013	SF105	2NC
0013	JF103	29
0014	SF106	2NC
0014	JF103	24
0015	SF106	2NC
0015	JF103	25
0016	RF101	A
0016	XDSF103	D
0016	XDSF109	A
0016	XDSF109	B
0016	XDSF109	C
0016	XDSF109	D
0016	SF107	1 C
0016	RF101	1
0017	SF107	2NC
0017	JF103	5
0018	JF103	1
0018	XDSF104	G
0018	SF108	1NO
0018	• XDSF102	G
0018	• RF102	2
0018	RF101	2
0019	SF108	2NO
0019	JF103	7
0020	JF103	9
0020	XDSF101	G
0021	JF103	10
0021	XDSF105	G
0022	JF103	11
0022	XDSF105	H
0023	JF103	12
0023	XDSF104	G
0024	JF103	13
0024	XDSF107	G
0025	JF103	14
0025	XDSF108	G
0026	JF103	15
0026	XDSF109	G
0027	JF103	16

NETWORK LISTING (TABULAR WIRING DIAGRAM)

TITLE
CONTROL PANEL WIRING OF SUPPLEMENTARY TRANSMITTER 21091?

WIRING DIAGRAM	ISSUE	USED ON	DATE	PAGE
7767	1	VS268	1 ? 7?	C? OF 2

NET	COMPONENT	PIN
0027	FRAME	
0028	JF103	1A
0028	XDSF107	D
0028	XDSF107	C
0028	XDSF107	B
0028	XDSF107	A
0028	XDSF103	C
0028	CPF101	C
0029	JF103	1C
0029	XDSF106	D
0029	XDSF106	C
0029	XDSF106	B
0029	XDSF106	A
0030	JF103	20
0030	XDSF105	D
0030	XDSF105	C
0031	JF103	21
0031	XDSF105	B
0031	XDSF105	A
0032	JF103	22
0032	XDSF108	D
0032	XDSF108	C
0032	XDSF108	B
0032	XDSF108	A
0033	JF103	23
0033	XDSF103	A
0033	CPF102	A
0034	JF103	34
0034	XDSF110	C
0035	XDSF104	A
0035	XDSF104	B
0035	XDSF104	C
0035	XDSF104	D
0035	PF103	1
0035	XDSF103	B
0035	CPF102	C

NUMBER OF WIRES - 0080

END OF LISTING

NET	COMPONENT	PIN