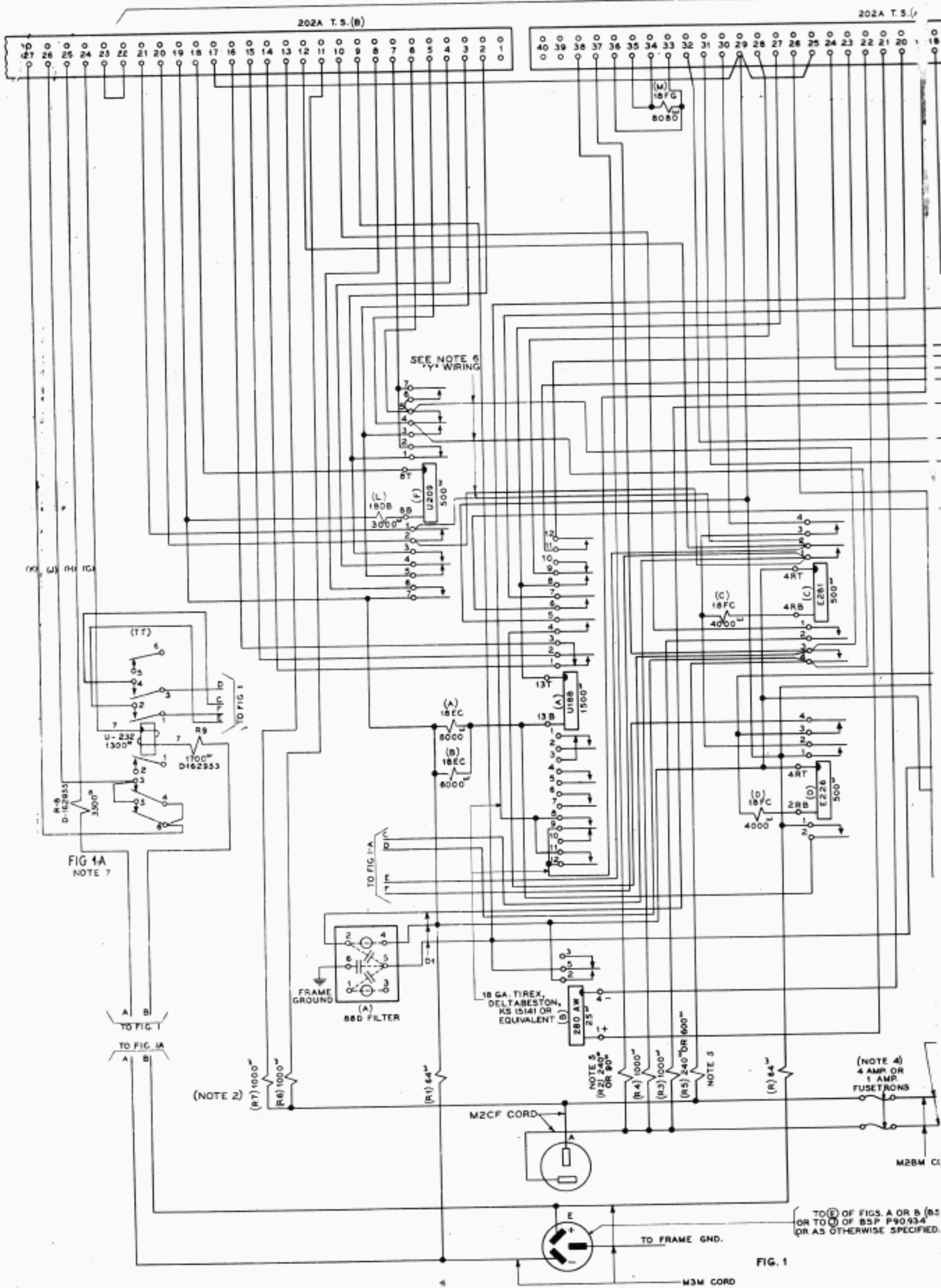


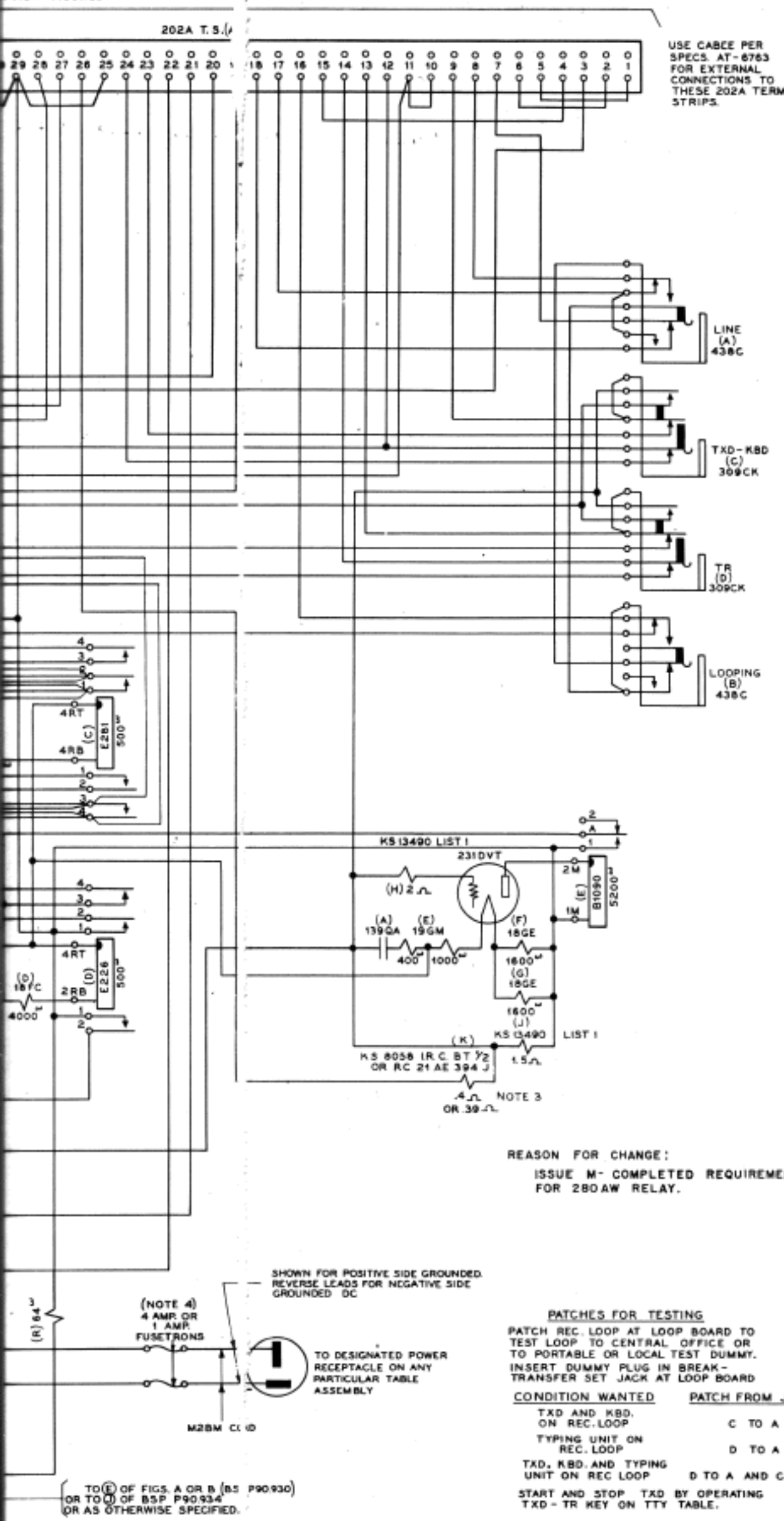
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file

TO CONNECTIONS SHOWN ON SPECIFIED TABLE WIRING DRAWINGS OR TO B5P P90431 FOR CIRCUIT DESCRIPTION FIGURES



DIST. CLASS.
 400 } AC
 600 }

TO BSP P90931
 PORTION FIGURES

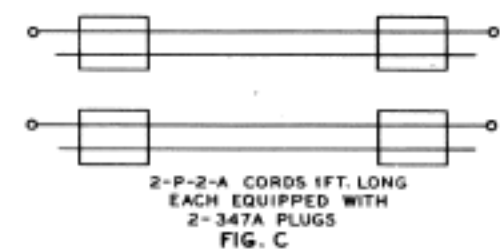
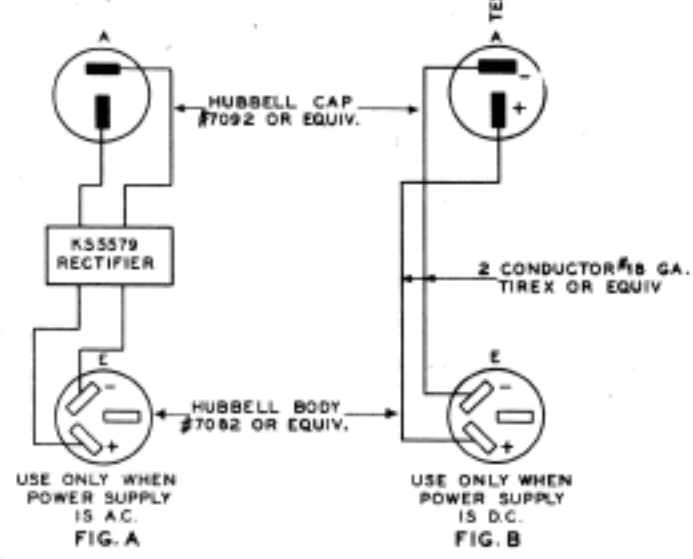


DWG. NO. 20954-SD-116

APPARATUS		MECH. REQ.		BLOCK OR INDIATE		TEST CLIP DATA		CIRCUIT PREPARATION		DIRECT CURRENT FLOW REQ.		REMARKS		
RESG.	CODE	P.S.P. FIL.	CONC. PRES.	ARM. TYPE		CONC. MAT.	CONC. DTD.	TEST SET	SEL. TEST SET	TEST WRL.	AFTER SOAK	TEST FOR		
(A)	U188	16	51	H	53	13B (A)	13T (A)	NGB	1	NGB	1	18	18	USE 45V TEST BATTERY
(B)	239GB	8-5				4 (B)	1 (B)	NGB	1/2	NGB	1/2	0	0	MFR DISC. REPLACED BY 280AW
(C)	E281	28/28	L	15		4RB (C)	4RT (C)	NGB	1	NGB	1	0	0	
(D)	E226	1/1	L	15		2RB (D)	4RT (D)	NGB	1	NGB	1	0	0	
(E)	B1090	11		30		1M (E)	2M (E)	NGB	1	NGB	1	0	0	
(F)	U209	143/48	H	47		6B (F)	6T (F)	NGB	1	NGB	1	0	0	
(TT)	U232	13/120	H	41		7T (TT)	7B (TT)	NGB	1	NGB	1	0	0	
(B)	280AW	B				4 (B)	1 (B)	NGB	1/2	NGB	1/2	0	0	
						4 (B)	1 (B)	NGB	1/2	NGB	1/2	NO	NO	

TEST NOTES: 1. DISCONNECT POWER PRECEDING A CURRENT VALUE INDICATES THAT THIS CURRENT SHALL FLOW IN A DIRECTION OPPOSITE TO THE DIRECTION OF THE CIRCUIT OPERATING CURRENT.

(B) CONT.



NOTES:-

1. EQUIPMENT SHOWN ON 20954-ED-119 ISSUE 13 WIRING " " 20954-T-114 ISSUE 10

2. IF WL. RESISTANCES CANNOT BE OBTAINED THE FOLLOWING 59 TYPES RES. MAY SUBSTITUTED R-1 59G 60" R-2 AND R-5 59F 240" R-3 R-4 R-6 R-7 59H-1000"

4. USE 1 AMP FUSETRON IF COMMERCIAL D.C. IS USED. USE 4 AMP FUSETRON IF D.C. IS FURNISHED FROM A K5-5579 RECTIFIER.

5. PRIOR TO MAY 1, 1943 (R-2) & (R-5) RES. WERE 240" AFTER MAY 1, 1943 PROVIDE (R-2) 90" & (R-5) 600"

6. FURNISH WIRING IN ALL CASES. CONNECT WIRING ONLY WHEN IT IS DESIRED NOT TO CONNECT THE TR TO THE LINE ON A BREAK. WHEN WIRING IS NOT CONNECTED THE TR WILL BE CONNECTED TO THE LINE UPON RECEIPT OF A BREAK SIGNAL.

SWITCHING ARRANGEMENT

EXTERNAL BREAK TRANSFER ARRANGEMENT FOR USE WITH TTY TABLES

SINGLE OR DUPLEX PLS AND DUAL SERVICE (SCHEMATIC)

REASON FOR CHANGE:
 ISSUE M- COMPLETED REQUIREMENTS FOR 280AW RELAY.

PATCHES FOR TESTING

PATCH REC. LOOP AT LOOP BOARD TO TEST LOOP TO CENTRAL OFFICE OR TO PORTABLE OR LOCAL TEST DUMMY. INSERT DUMMY PLUG IN BREAK-TRANSFER SET JACK AT LOOP BOARD

CONDITION WANTED	PATCH FROM JACK
TXD AND KBD. ON REC. LOOP	C TO A
TYPING UNIT ON REC. LOOP	D TO A
TXD, KBD. AND TYPING UNIT ON REC LOOP	D TO A AND C TO B

START AND STOP TXD BY OPERATING TXD - TR KEY ON TTY TABLE.

7. USE FIG. 1A WHEN THE EFFECT OF TAUT TAPE IS TO STOP THE TRANSMITTER, LIGHT THE SIGNAL LAMP & ENERGIZE THE BUZZER.

FIG. 1