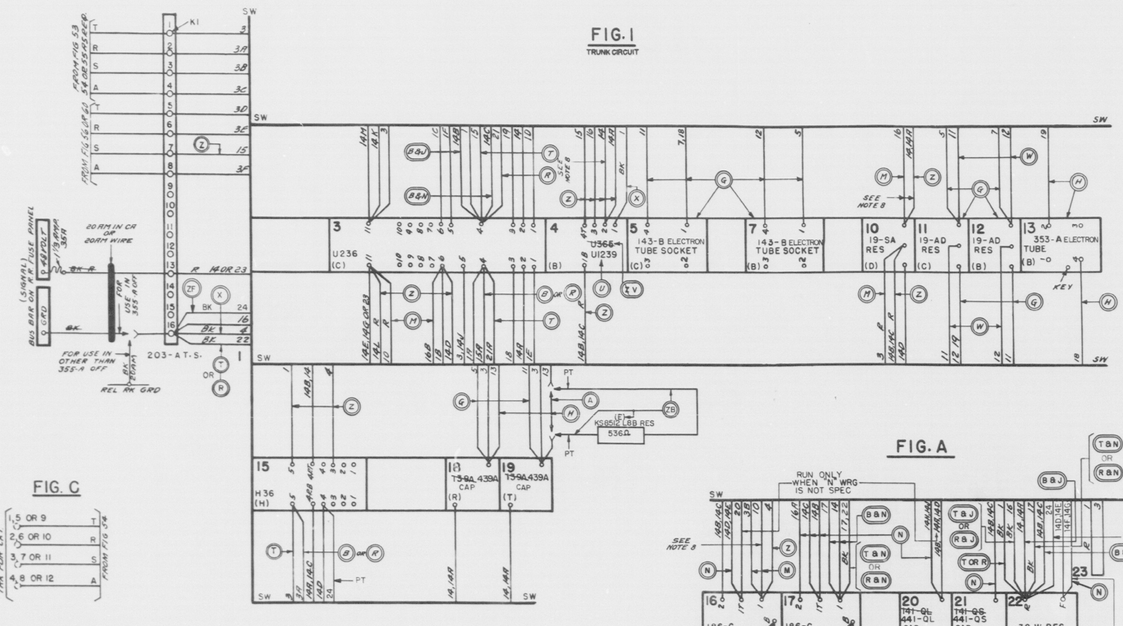

RECORD OF FIGURES, APPARATUS AND WIRING CHANGES							
CHANGED ON ISSUE	IF OFF RECORDS DO NOT SPECIFY	THIS OPTION WAS FURNISHED	SEE NOTE	RATING STD	A&M	M D	SPL
5	"N" WRG & APP	"G"		"N"		"G"	
5	"W" WRG	"W"				"W"	
~~5~~	~~"J" WRG~~	~~"K"~~	~~54~~				
7	FIG D	FIG C	57	C ORD			
9	"U" APP	"Z" "V"		"U"		"Z" "V"	
12	FIG G	FIG E	58	G		E	
12	FIG H	FIG F	58	H		F	
12	FIG K	FIG J	58	K		J	
12	FIG M	FIG L	59	M		L	
14	"ZB" WRG & APP	"A" WRG		ZB		A	
15	ZF WRG & APP	NONE	60	ZF			

TABLE "A"

CONDITION			APP	WRG	FIG
WHERE INTERCEPTING TRAFFIC IS ROUTED TO TRK CKTS USED FOR INTERCEPTING SERVICE ONLY.	WHERE INTERCEPTED LOCAL SELL LEVELS ARE MULTIPLED TO THE SAME TRK CKTS.	WHEN CONNECTED TO TRUNK FINDER CKT.	X-Y U	X a Z	
		WHEN NOT CONNECTED TO TRUNK FINDER CKT.	U	Z	
	WHERE INTERCEPTED LOCAL SELL LEVELS ARE NOT MULTIPLED TO THE SAME TRUNK CIRCUITS			M	
WHERE CONNECTED DIRECTLY TO THE MULTIPLE OF TERMINAL PER LINE CONNECTORS FOR INTERCEPTING	ALL CALLS TO TIP STATIONS ONLY			T	
	ALL CALLS TO RING STATIONS ONLY			R	
WHERE NEITHER "T" OR "R" WIRING IS USED.				B	
WHERE USING "B" WIRING OR WHERE DIRECTLY CONNECTED TO CONNECTORS WITH TRIPPING RELAY IN RINGING SUPPLY				B	A
WHERE ANY CALLS MAY USE A SUPERIMPOSED RINGING			N	N	
WHERE NO CALLS USE A SUPERIMPOSED RINGING.				J	
WHERE DIRECTLY CONNECTED TO CONNECTORS HAVING TRIPPING REL. IN GRD. RETURN PATH AND USING "T" OR "R" WIRING.					B
WHERE "G" WRG & APP ARE FURNISHED AND IT IS REQUIRED TO TRIP SUPERIMPOSED RING.				W	

WIRING DIAGRAM-SCHEMATIC CROSS REFERENCE TABLE ( ) ITEMS IN PARENTHESES ARE FOR INFORMATION ONLY											
LINE	T-31771-12 FIG	WRG	APP	SD-31771-01 FIG	WRG	APP	IF OFF RECORDS DO NOT SPEC. OPTION	THIS OPTION WAS FURNISHED W D	SCHEM	REMARKS	SHOP	INST
1												
4	I A B			(51)	I A B	S					X	
7	(A)	ZF	ZF	(A)		ZF						
10	(L,A) (I) (I)	B (G) (H)	G H		B G H	G H	"N" APP	G	G		X	
13	(L,A) (I) (I)	J M N			J M N							
16	(A) (L,A,B) (L,A,B)	(N) R T	N		N R T	N						
19	(I) (I) (I)	W	U V		W	U V	"U" APP	V	V		X	
22	(I) (I) (A,B)	(Z) Z	X Z	Z	X Z Z	—						
25	(I) (C) (D)	ZB	ZB	(54) (54)	ZB	ZB	ZB FIG. D	A FIG. C	A FIG. 54	EXT. WRG		
28	(53) (54) (55)			(53) (54) (55)						CROSS CONN EXT WRG		
31	(56) (60) (E)			(56) (60) (A)	J		FIG G	FIG E	FIG A			
34	(G) (F) (H)			(A) (B) (B)	J		FIG H	FIG F	FIG B			
37	(J) (K) (L)	(Z) (Z)		(A) (A) (I)	N N Z		FIG K	FIG J	FIG A			
40	(M)	(Z)		(I)	Z		FIG M	FIG L	FIG I			
COL	A	B	C	D	E	F	G	H	J	K		

MANUFACTURING NOTES
CONVENTIONS

- - - - - CONNECTION FURNISHED AS PART OF THE APPARATUS
[redacted] DENOTES CABLE

1 UNLESS OTHERWISE SPECIFIED, ALL WIRES, INCLUDING WIRES IN SWITCHBOARD CABLE TO BE 22G
2 "P" DENOTES PAIR
3 "B" BRING FROM CABLE FORM AT SEPARATE STITCH
4 "SW" WIRING TO BE 22-G COLORED GREEN UNLESS OTHERWISE SPEC'D RUN AS SURFACE WIRING
5 "K1" TOP OR LEFT TERM ON STRIP
6 "1W", "2W", "3W" OR "4W" DENOTES 1,2,3 OR 4 CONDUCTOR JUMPER WIRE
7 "N" TERMINAL NEAREST BASE OF TERMINAL STRIP
8 INSTALLER SHALL REMOVE "N" WRG BETWEEN (D) RES & (R) REL OR "Z" WRG BETWEEN (D) RES & (B) REL WHERE CONNECTED DIRECTLY TO CONNECTOR TERMINALS EQUIPPED WITH A LINE CKT
9 ALL LEADS IN FIGS 53 TO 56, 60, C & D & LEADS IN CA ARE TO BE RUN BY THE INSTALLER

SHOP	INST
X	
X	
X	
X	

H12	K14
ORIGINAL ISS: 3-22-39	
DWG REPRODUCED DUE TO LACK OF SPACE FIGS E,F,J & L WERE PART OF FIGS 1,H & K. FIGS 3,6,A,M & B. NOTES 38 & 53 ADDED 12B & 14G TYPE COND LINED OUT & 433 & 441 TYPE COND ADDED. 9-16-49 CL D	
EI	12
DWG ROTING WAS STANDARD. REPLACEMENT NOTE ADDED 3-21-51 CL B FUT	
13	
IN FIG 1 "Z" WRG WAS NOT DESIG'D "ZB" WRG & APP ADDED. NOTE 77 ADDED. 3-27-57 CL D	
14	
ZF WRG & APP ADDED. 7-31-78 CL B	
15	

NOTICE
NOT FOR USE OR DISCLOSURE OUTSIDE THE BELL SYSTEM EXCEPT UNDER WRITTEN AGREEMENT

ENGINEERING NOTES											
51	THIS DRAWING AGREES WITH	ISSUE	1	5	6	9	12 (E)	14	15		
	SD-31771-01	ISSUE	2	4	5	7	8	11 (NOTE 77)	15 (NOTE 77)		

52 CONNECTING DRAWINGS
T-31771-11 INTERCEPTING TRK CKT
T-31770-11 TRK FINDER CKT
T-31766-11 INTERCEPTING TRK CKT
T-31580-12, ED-31781-30, T-31530-14 — TRK FDR CKTS

53 (A) STD EQUIP ARR: ED-30636-01
(B) UNIT EQUIP J32003BK-1 ~~J32003AF-1~~ ~~J32003AP-1~~
54 SPECIFY ONE FIG 1 PER INTERCEPTING TRK CKT WHERE INCPT TRK IS ROUTED TO TRK CKTS USED FOR INCPT SERVICE ONLY
55 SPECIFY OPTIONS AS SHOWN IN TABLE "A".
56 SPECIFY ONE FIG 53,54,55,56 OR 60 WITH EACH FIG 1 AS REQ'D
57 SPECIFY FIG C FOR CONN TO TRK FINDER CKT T-31770-11 & FIG D FOR CONN TO ALL OTHER TRK FINDER CKTS
58 (A) SPECIFY FIG G WHEN FIG A IS REQ'D WITH "J" WRG
(B) SPECIFY FIG K WHEN FIG A IS REQ'D WITH "N" WRG
(C) SPECIFY FIG H WHEN FIG B IS REQ'D
59 SPECIFY FIG M USING ISSUE 12 OR LATER OF THIS DRAWING
60 SPECIFY "ZF" WRG & APP (FIG A) WHEN AUTOMATIC LOOP TESTING IS REQUIRED AND CIRCUIT SERVES TERMINAL PER STATION CONNECTORS AND T-31771-12 (FIG 1) "B" WRG.
77. OMIT CHANGES ON SD-31771-01 ISSUE 9 TO 15 ADD OMITTING ZH OPTION ON ISSUE 16.

15

FEET	WIRE
X	BK 20AM (WHEN REQ)

WIRE ENGINEERING INFORMATION

REPLACED BY T-31771-13

T-31771-12 6099

STEP BY STEP SYSTEMS
NO. 1, 350-A OR 355-A
INTERCEPTING TRUNK CIRCUIT
FROM TRUNK FINDER OR INTERCEPTING TRUNK
TO TRUNK TO DISTANT OFFICE
ARRANGED TO TRIP RINGING ONLY DURING RINGING INTERVAL

(INCPT TRK)

MFR DISC

U 4 T-31771-12

WESTERN ELECTRIC COMPANY, INC

PRINTED IN U.S.A.

T-31771-12