

SHEET INDEX

FIG.	CONTENTS	SHEET NO.	ISSUE NO.																								OLD SHEET NO.
			7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24							
	SHEET INDEX SUPPORTING INFORMATION	A1	7	8	9	10																					
1 2 A B	CONFERENCE CKT REPEATER CKT	B1	7	7	9	10																				-0101	
3 4 5 6 7	POWER SUPPLY JACK CKT JACK CKT JACK CKT JACK CKT	B2	7	7	9	10																				-0102	
8 9 10 11 12	PLUG CKT SINGLE MOUNTED JACKS RESISTANCE LAMP CKT CONNECTING CABLE CKT UNIT MOUNTED JACKS	B3	7	7	7	7																					
13 14 15 16	CONN CABLE FOR TEST SET JACK CKT JACK CKT STRIP MOUNTED JACKS	B4	7	7	7	7																				-0101 -0102 -0111	
	CIRCUIT NOTES OPTIONS USED TABLE	D1	7	8	9	10																				-0103, -0104	
	CIRCUIT REQ'T TABLE	F1	7	7	7	7																				-0105	
CAD 1	FOR FIG. 1, A & B	G1	7	7	7	7																				-0106	
CAD 2	FOR FIG. 3	G2	7	7	7	7																				-0107	
CAD 3	SINGLE-SIDED DISTRIBUTING FRAME FOR 556A PBX	G3																								-0108	
CAD 4	DISTRIBUTING FRAME FOR 605A PBX		7	7	7	7																				-0109	
CAD 5	FOR 550B, 550C, 550SC, 551A, 551B, 551D, 552A, 552B, 552D, OR 552E																										
CAD 6	DISTRIBUTING FRAME FOR 606B, 607A, or 607B PBX	G4																								-0110	
CAD 7	FOR FIG. 8		7	7	7	7																					
CAD 8	608A SWBD																									-0112	

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 BROUGHT UP TO DATE EACH TIME ANY SHEET OF THE DRAWING IS REISSUED, OR A NEW SHEET IS ADDED.
3. THE ISSUE NUMBER ASSIGNED TO A CHANGED OR NEW SHEET WILL BE THE SAME ISSUE NUMBER AS THAT OF THE SHEET INDEX.
4. SHEETS THAT ARE NOT CHANGED WILL RETAIN THEIR EXISTING ISSUE NUMBER.
5. THE LAST ISSUE NUMBER OF THE SHEET INDEX IS RECOGNIZED AS THE LATEST ISSUE NUMBER OF THE DRAWING AS A WHOLE.
6. "OLD SHEET NO." REFERS TO SHEET NO. PRIOR TO ISSUE: 7D

SUPPORTING INFORMATION

CATEGORY	NO.
EQUIPMENT INFO	J53120AD- J53122A- J53122B- J53122C- J59013L-) L3

SD-65719-01 IJ99

PBX SYSTEMS

NO. 550B, 550C, 550SC, 551A,
551B, 551D, 552A, 552B, 552D,
552E, 555, 556A, 605A, 606B,
607A, 607B, OR 608A
MANUAL CONFERENCE CIRCUIT
WITH VOICE REPEATER

ARRANGED FOR A MAXIMUM OF
4 OR 5 SIMULTANEOUS CONNECTIONS
(MAN CONF)

BELL TELEPHONE LABORATORIES
INCORPORATED

AT&TCO
STANDARD

SD-65719-01-A1
11 SHEETS

PRINTED IN U.S.A.

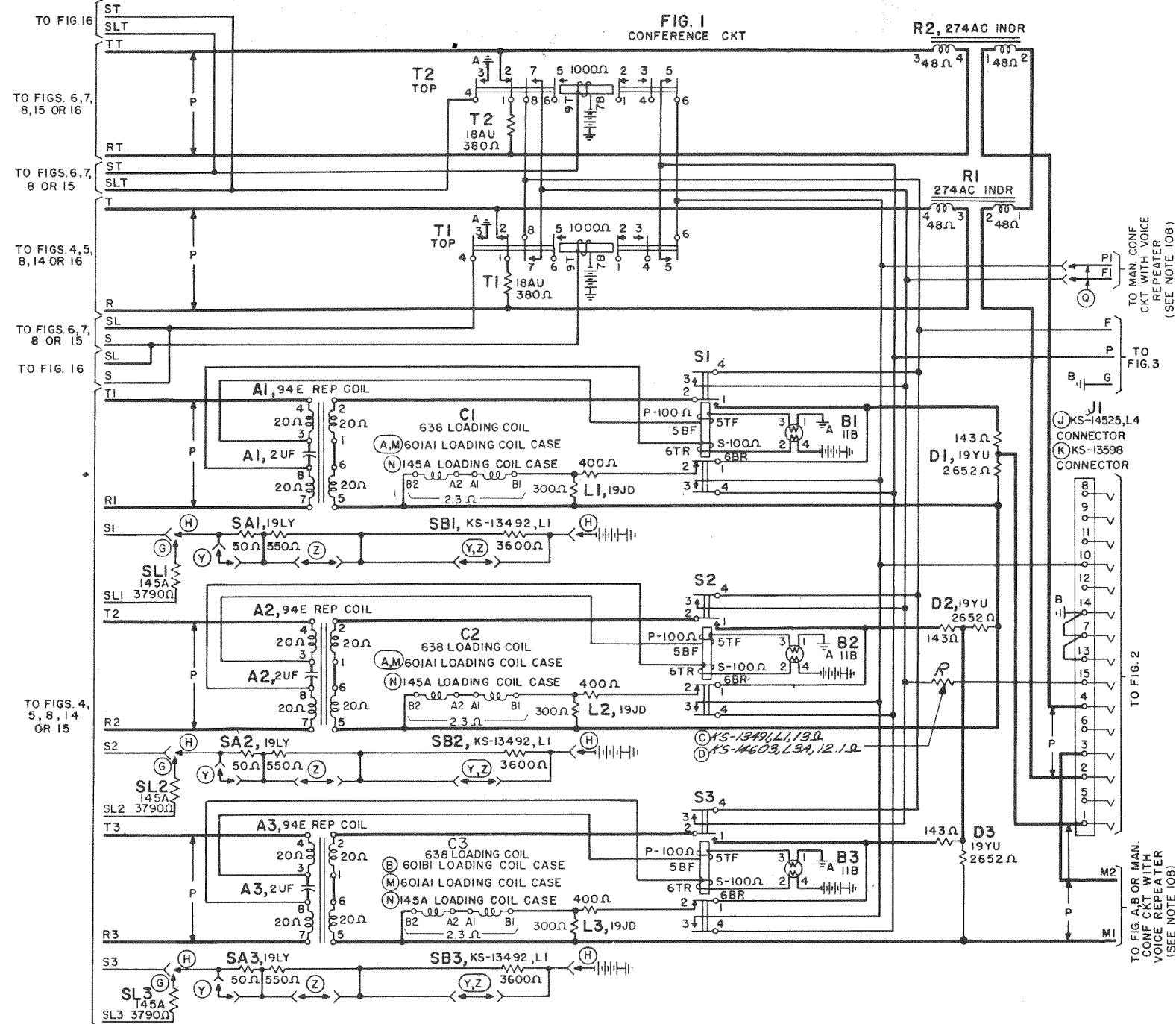


FIG. 2
REPEATER CKT

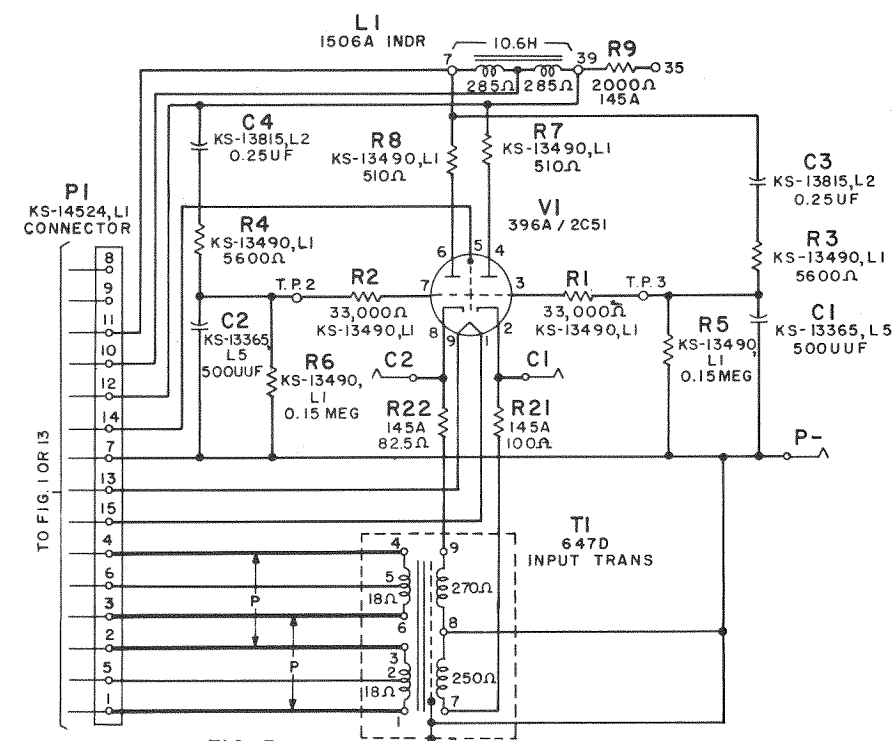
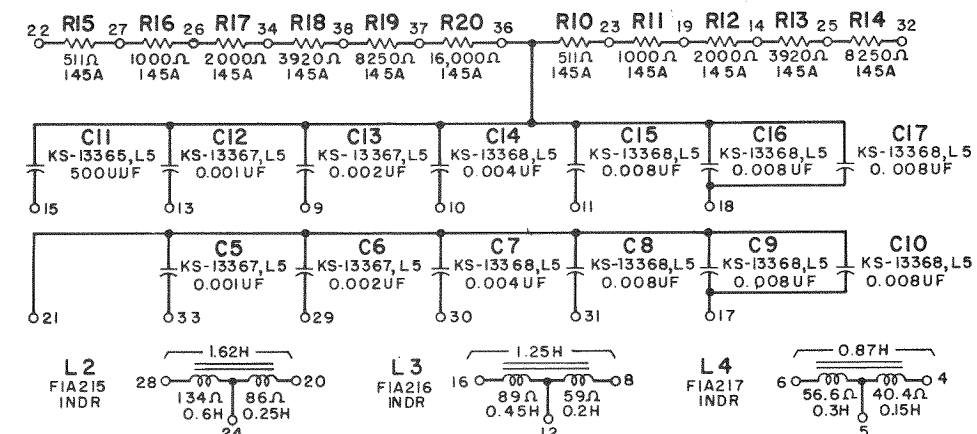
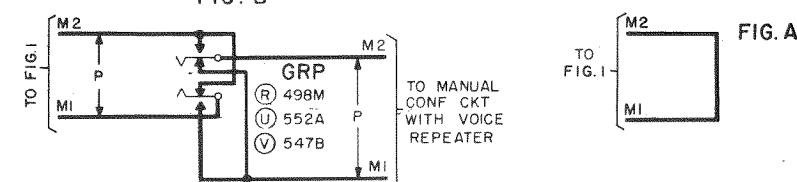


FIG. B



PBX SYSTEMS
NO. 550B, 550C, 550SC, 551A, 551B,
551D, 552A, 552B, 552D, 552E, 555,
556A, 605A, 606B, 607A, 607B, OR 608A
MANUAL CONFERENCE CIRCUIT
WITH VOICE REPEATER

SD-65719-01-B1

TCI Library <https://www.telephonecollectors.info/>

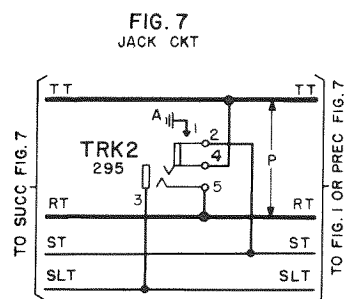
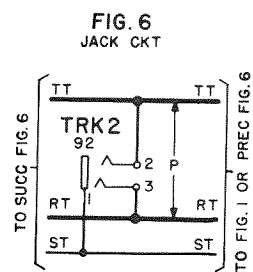
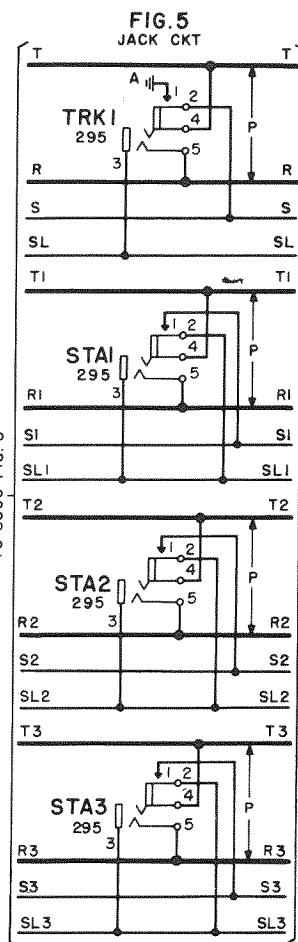
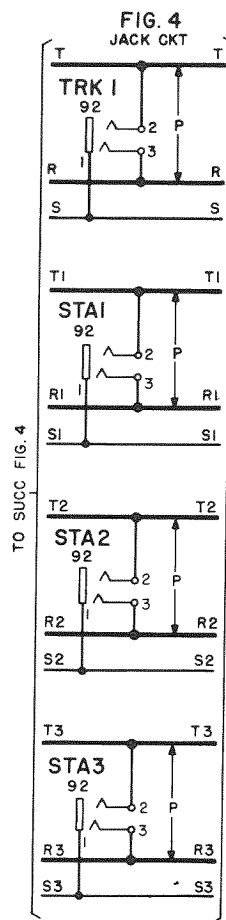
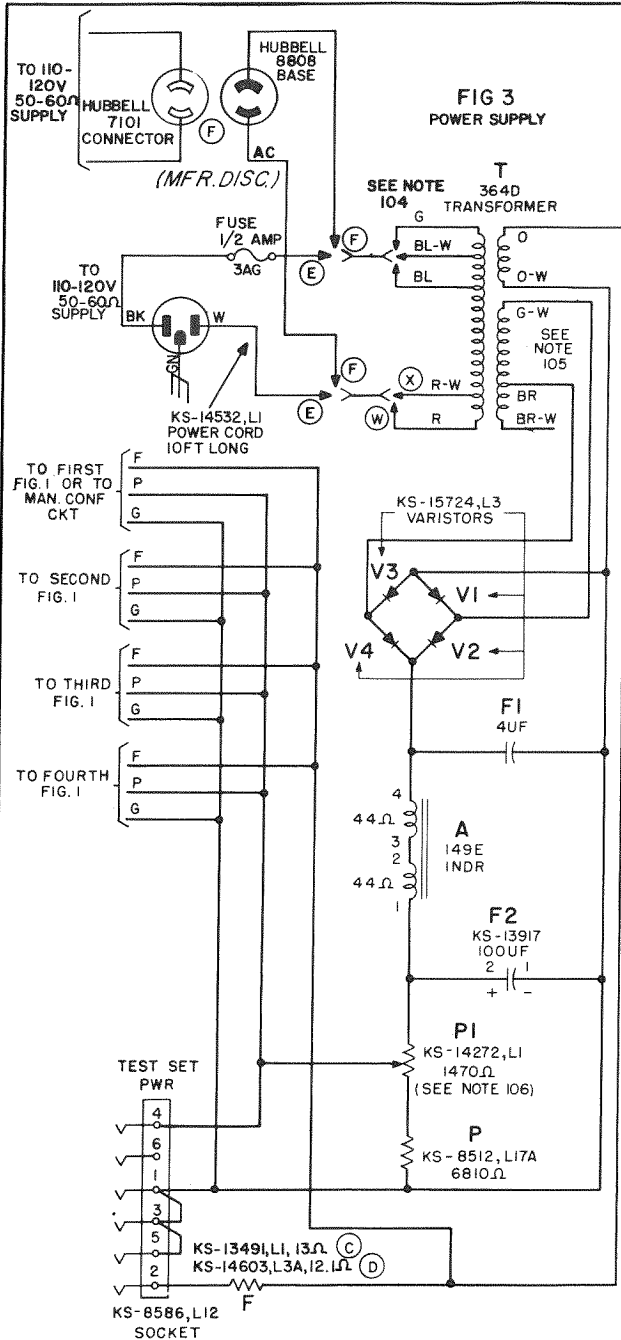
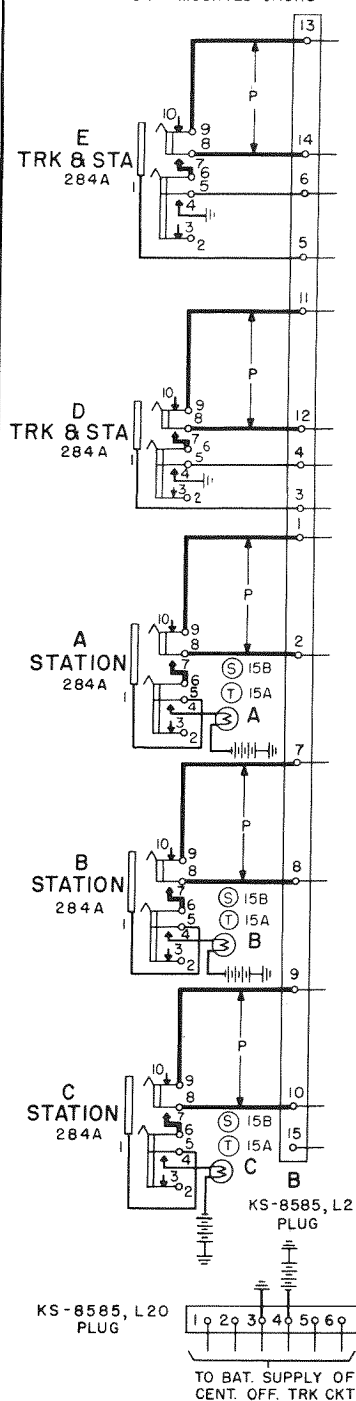


FIG. 12
UNIT MOUNTED JACKS



STATION
A ○ B ○ C ○
TRKS OR STA
D ○ E ○

JACKS IN UNIT FIG. 12

FIG. 11
CONNECTING CABLE CKT

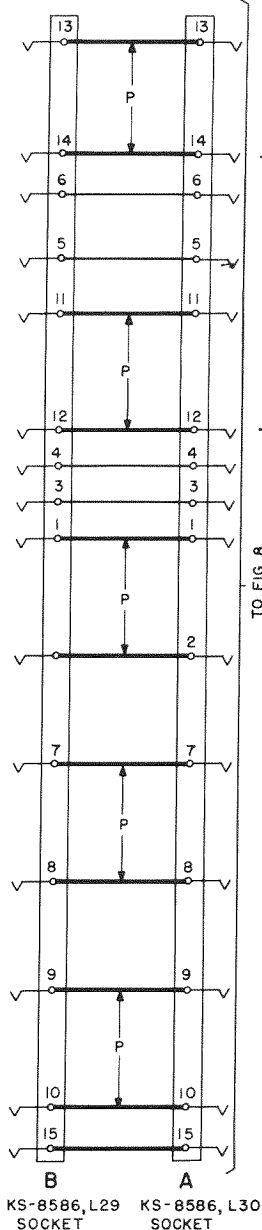


FIG. 10
RESISTANCE
LAMP CKT

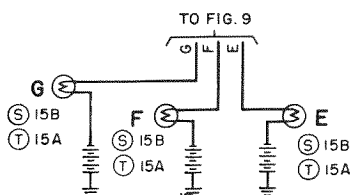


FIG. 9
SINGLE MOUNTED JACKS

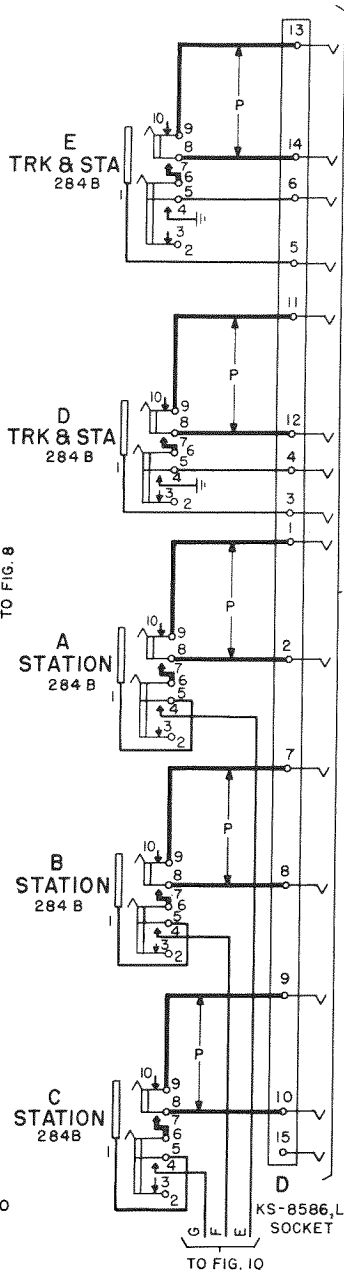
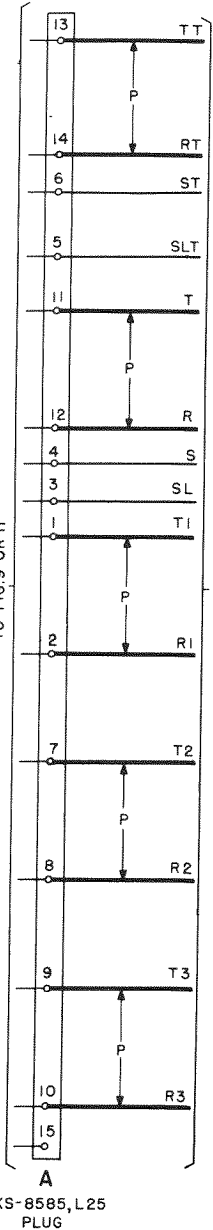


FIG. 8
PLUG CIRCUIT



PBX SYSTEMS
NO. 550B, 550C, 550SC, 551A, 551B,
551D, 552A, 552B, 552D, 552E, 555,
556A, 605A, 606B, 607A, 607B, OR 608A
MANUAL CONFERENCE CIRCUIT
WITH VOICE REPEATER

BELL TELEPHONE LABORATORIES
INCORPORATED

3S

SD-65719-01-B3

FIG.13
CONN CABLE
FOR TEST SET

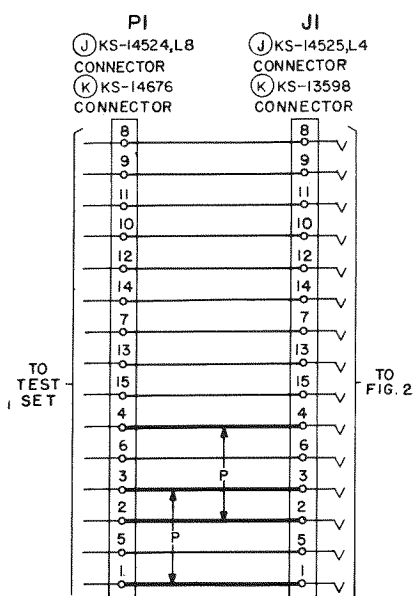


FIG.14
JACK CKT

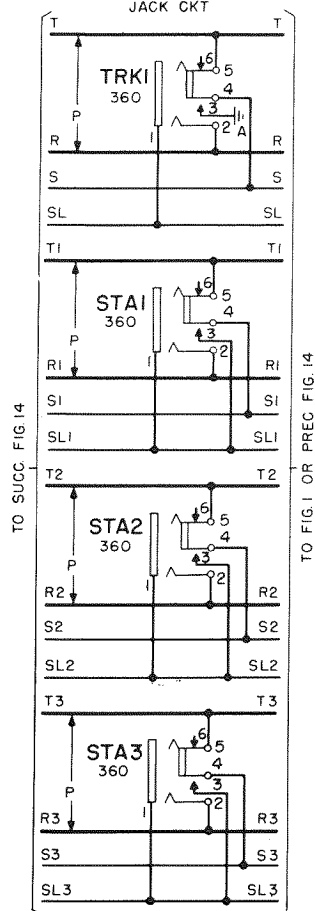


FIG.15
JACK CKT

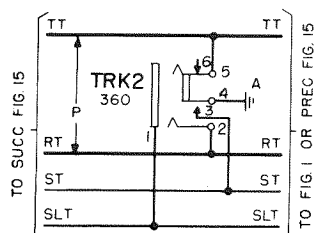
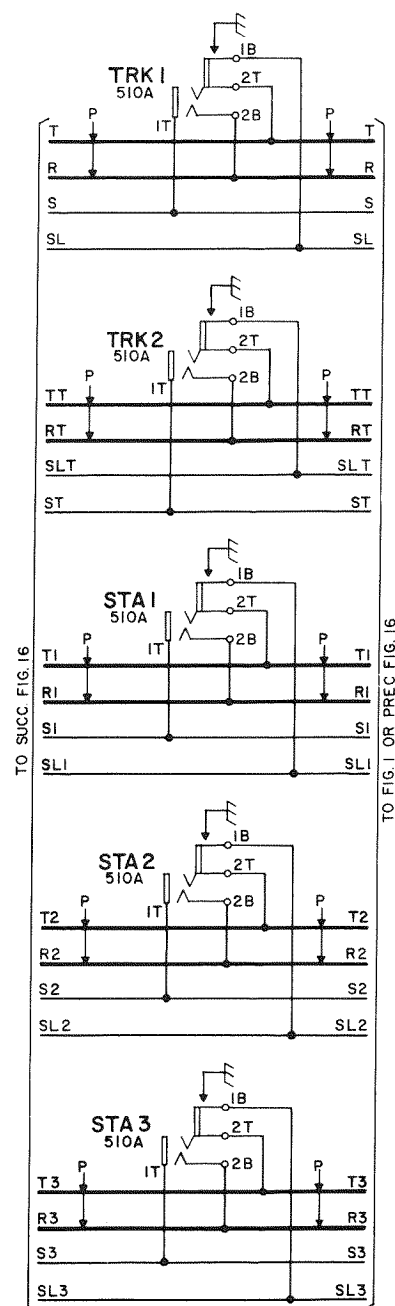


FIG.16
STRIP MOUNTED JACKS



PBX SYSTEMS
NO. 550B, 550C, 550SC, 551A, 551B,
551D, 552A, 552B, 552D, 552E, 555,
556A, 605A, 606B, 607A, 607B, OR 608A
MANUAL CONFERENCE CIRCUIT
WITH VOICE REPEATER

BELL TELEPHONE LABORATORIES
INCORPORATED

DWG. SIZE
3S

SD-65719-01-B4

PRINTED IN U.S.A.

CIRCUIT NOTES:

101.	DESIG	AMP	POTENTIAL FUSED	ONE PER
		1-1/3	1N-28V 16-52V 32-52V 44-52V	CKT
	A		GRD	POSITION GRD
	B		GRD	LOCAL GRD

102.	FEATURE OR OPTION	FIGS.	APP OR WIR	QUANTITY
	POWER SUPPLY CKT	3	E	ONE PER 4 FIGS. 1
	MAX. OF 4 SIMULTANEOUS CONNECTIONS WITH SWBD AS FOLLOWS	606B, 607A, 607B 550B, 550C, 550SC, 551A, 551B, 551D, 552A, 552B, 552D, 552E, 556A, 605A	4 5 OR 14	ONE PER APPEARANCE
	MAX. OF 5 SIMULTANEOUS CONNECTIONS WITH SWBD AS FOLLOWS	606B, 607A, 607B 550B, 550C, 550SC, 551A, 551B, 551D, 552A, 552B, 552D, 552E, 556A, 605A	4, 6 5, 7 OR 14, 15	ONE PER APPEARANCE
	USED WITH 555 PBX REQUIRING SINGLE MOUNTED JACKS	8, 9, 10		ONE PER CKT
	USED WITH 555 PBX REQUIRING UNIT MOUNTED JACKS	8, 11, 12		
	CONN CABLE FOR TEST SET	13		
	ATTENDANT KEY TO GROUP THIS CKT WITH ANOTHER MAN. CONF CKT WITH VOICE REP FOR 10 JK CONF CKT REQUIRED	NO YES	A B	
	USED WITH 550B, 550C, 550SC, 551A, 551B OR 551D PBX		Z	
	USED WITH 552A, 552B, 552D, 552E, 556A OR 605A PBX		Y	
	1 OR 2 FIGS. 1 CONNECTED TO THE POWER SUPPLY OF FIG. 3		W	
	3 OR 4 FIGS. 1 CONNECTED TO THE POWER SUPPLY OF FIG. 3		X	
	CONFERENCE CIRCUIT WITH MAX. OF 4 OR 5 SIMULTANEOUS CONNECTIONS	608A PBX OTHERS	1, 2 1, 2	ONE PER CKT ONE PER CKT
	MAX. OF 5 SIMULTANEOUS CONNECTIONS WITH 608A PBX	16		ONE PER APPEARANCE

103. THE TERMINALS OF THE REPEATER (FIG. 2) SHALL BE STRAPPED IN ACCORDANCE WITH THE FOLLOWING:
- (A) WHEN MAX. OF 5 SIMULTANEOUS CONNECTIONS ARE PROVIDED FOR, STRAP 5 AND 35; 6 AND 22; 7, 15 AND 32; 9, 10, 21, 26 AND 28; 8, 23, 36 AND 37; 16 AND 20; 19 AND 25; 29, 30, 33 AND 39; 34 AND 38.
- (B) WHEN MAX. OF 4 SIMULTANEOUS CONNECTIONS ARE PROVIDED FOR, STRAP 5 AND 35; 6 AND 22; 7, 15 AND 25; 9, 10, 21, 26 AND 28; 8, 23, 36 AND 37; 16 AND 20; 19 AND 14; 29, 30, 33 AND 39; 34 AND 38.
- (C) IF REPEATER SINGING IS ENCOUNTERED REFER TO BSP.
104. THE BLUE, BLUE-WHITE AND GREEN WIRES ON THE POWER TRANSFORMER ARE PRIMARY TAPS FOR USE WITH DIFFERENT AC POWER SUPPLY VOLTAGES. THE NOMINAL VOLTAGE FOR EACH TAP IS AS FOLLOWS:
- BLUE WIRE 110V.
BLUE-WHITE WIRE 115V.
GREEN WIRE 120V.
- CONNECT AS SHOWN IN FIG. 3, ONE OF THESE WIRES HAVING DESIGNATED VOLTAGE NEAREST TO THE MEAN LINE VOLTAGE.

CIRCUIT NOTES: (CONT)

105. THE BROWN-WHITE WIRE ON THE POWER TRANSFORMER IS AN AGING TAP WHICH IS CONNECTED TO THE RECTIFIER IN PLACE OF THE BROWN WIRE WHEN THE RECTIFIER HAS AGED SUFFICIENTLY TO REQUIRE ADDITIONAL APPLIED VOLTAGE.
106. ADJUST RESISTOR (P1) SO THAT THE VOLTAGE (ONE REPEATER ON) FROM THE "P" TO THE "G" LEADS WILL BE 140V.

107.

RECORD OF FIGURES, WIRING, AND APPARATUS CHANGES							
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN.	SEE NOTE	USE IN CIRCUIT			
				STD	A&M	MD	
3B	R, U OR V	V		U OR R		V	
	S OR T	T		S		T	
	Q	NONE	108	Q			
				FIG. 14, 15			
4D	M OR N	N		M		N	
4D	J OR K	K		J		K	
6D	G OR H	H		G, H			
6D				FIG 16			
9D	E OR F	F		E		F	
10D	C OR D	C		D		C	
	B OR A	M OR N		B OR A		M	

108. CONNECT "P1" AND "F1" LEADS TO SECOND FIG. 1 ONLY WHEN FIG. B IS NOT PROVIDED.

FIGS.	APP OR WIRING
1	Z
2	Y
3	X
4	W
5	V
6	U
7	T
8	S
9	R
10	Q
11	
12	A N
13	B M
14	K
15	J
16	H
	G
	F
	E

14-28V
16-52V
32-52V
44-52V

PBX SYSTEMS
NO. 550B, 550C, 550SC, 551A, 551B, 551D, 552A, 552B, 552D, 552E, 555, 556A, 605A, 606B, 607A, 607B, OR 608A
MANUAL CONFERENCE CIRCUIT WITH VOICE REPEATER

BELL TELEPHONE LABORATORIES
INCORPORATED

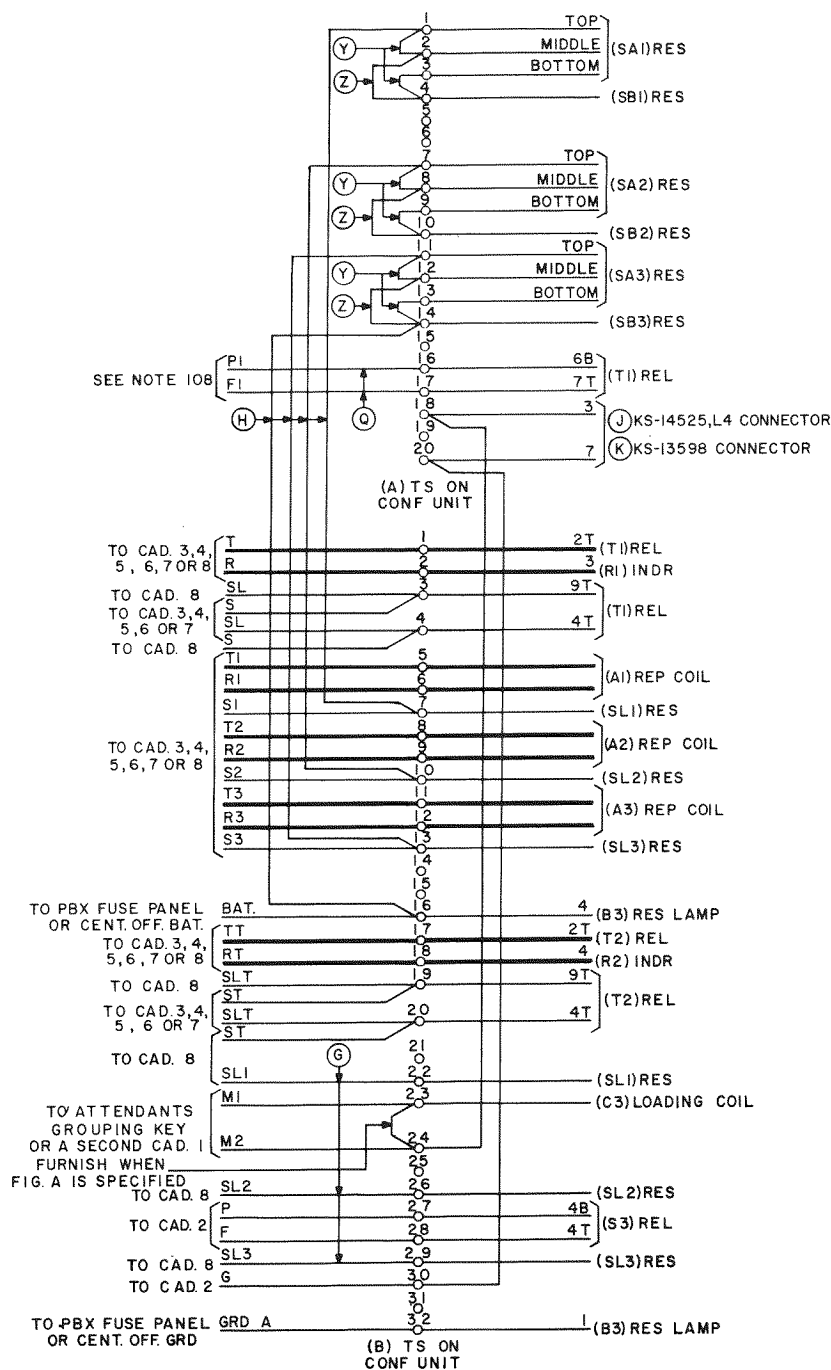
35

SD-65 719-01-D1

PRINTED IN U.S.A.

TCI Library <https://www.telephonecollectors.info/>

CAD. I (FOR FIGS. I, A & B)



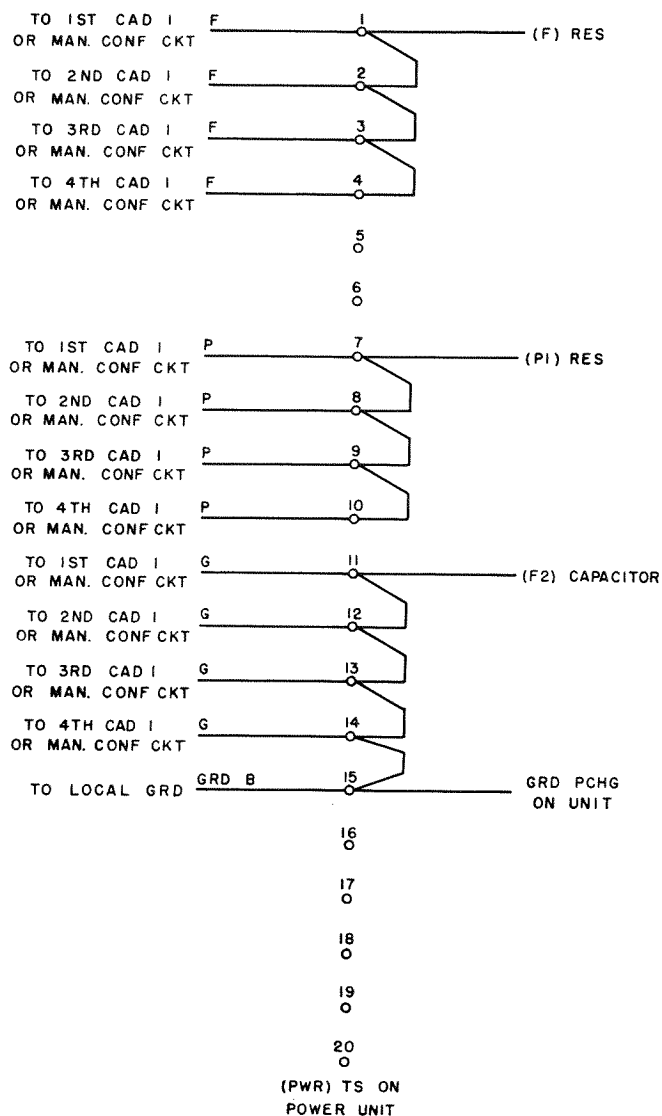
PBX SYSTEMS
NO. 550B, 550C, 550SC, 551A, 551B, 551D, 552A, 552B, 552D, 552E, 555, 556A, 605A, 606B, 607A, 607B, OR 608A
MANUAL CONFERENCE CIRCUIT
WITH VOICE REPEATER
BELL TELEPHONE LABORATORIES
INCORPORATED

SD-65719-01-G1

3S

PRINTED IN U.S.A.

CAD 2
(FOR FIG. 3)



PBX SYSTEMS

NO. 550B, 550C, 550SC, 551A, 551B,
551D, 552A, 552B, 552D, 552E, 555,
556A, 605A, 606B, 607A, 607B, OR 608A
MANUAL CONFERENCE CIRCUIT
WITH VOICE REPEATER

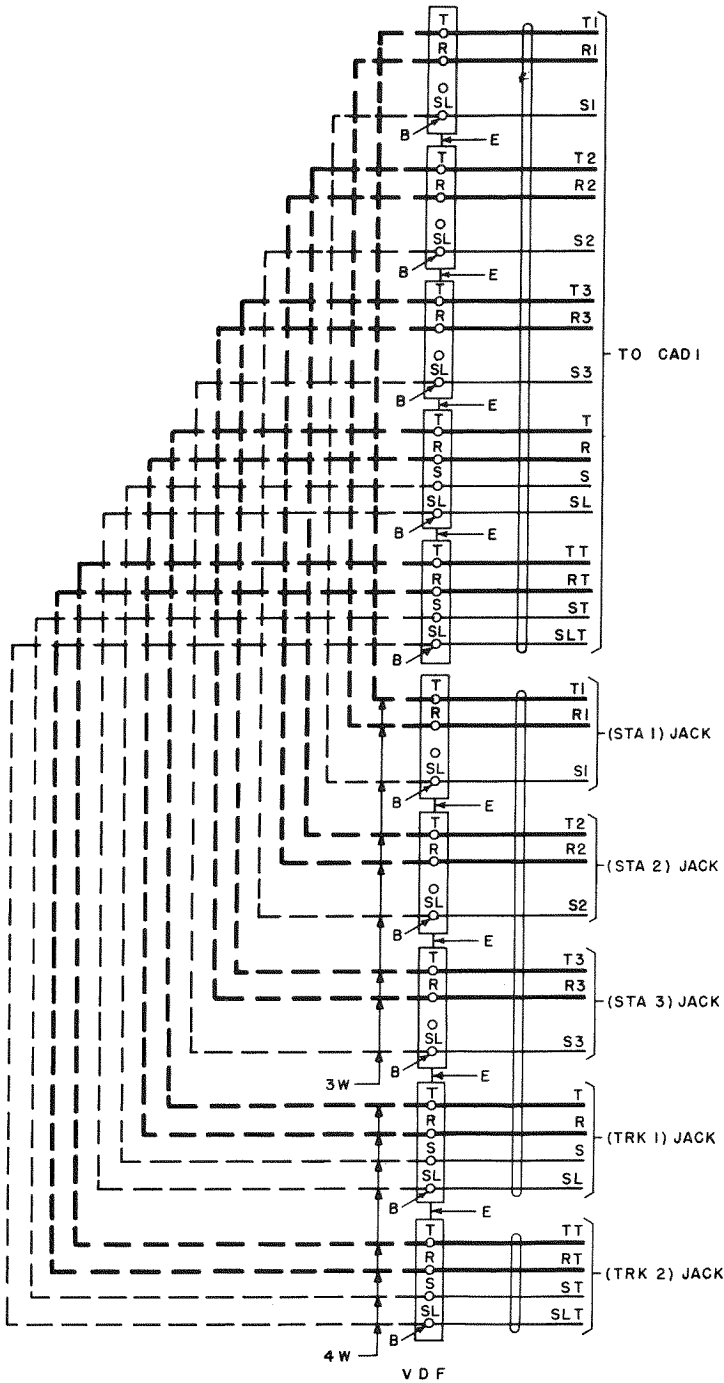
BELL TELEPHONE LABORATORIES
INCORPORATED

DWG. SIZE
3S

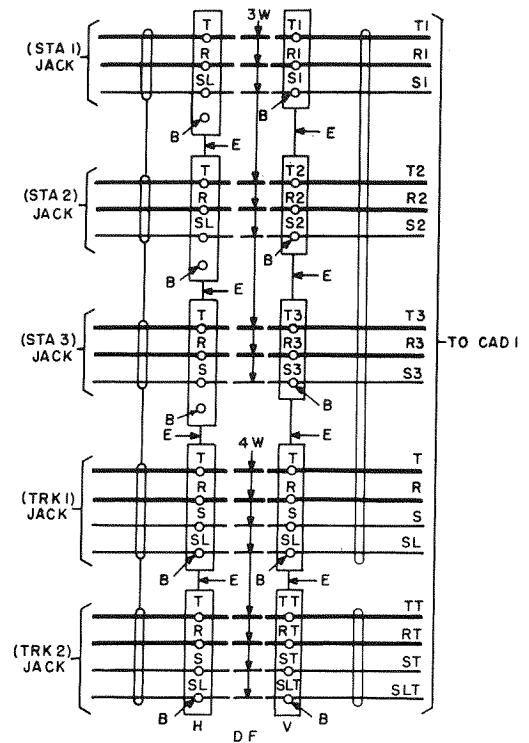
SD-65719-01-G2

PRINTED IN U.S.A.

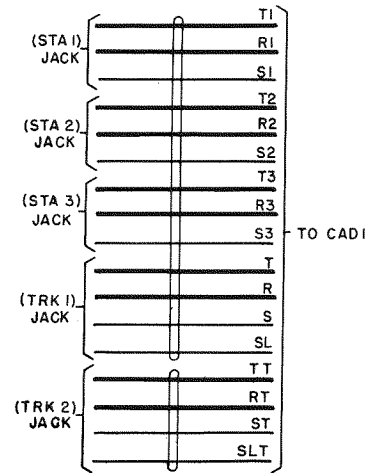
CAD 3
SINGLE-SIDED DISTRIBUTING FRAME FOR 556A PBX



CAD 4
DISTRIBUTING FRAME FOR 605A PBX

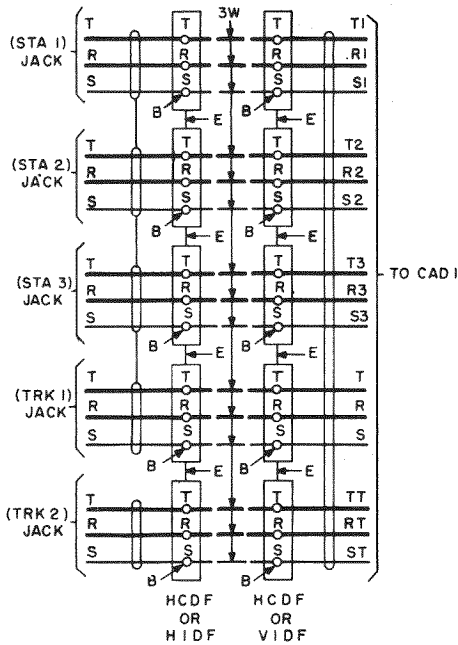


CAD 5
FOR 550B, 550C, 550SC, 551A, 551B, 551D, 552A, 552B, 552D, OR 552E

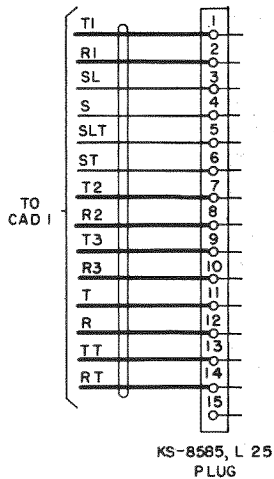


CAD 6

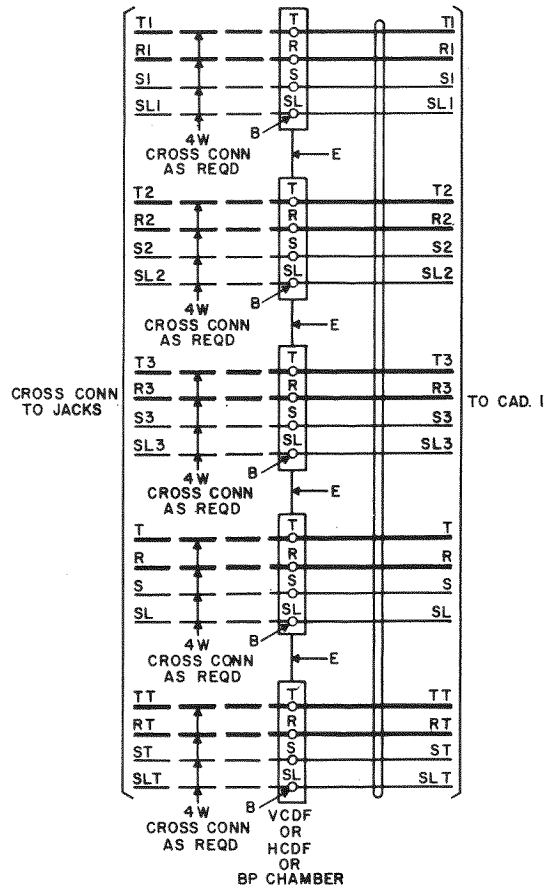
DISTRIBUTING FRAME FOR
606B, 607A OR 607B PBX



CAD 7 (FOR FIG. 8)



CAD 8 608A SWBD (FOR FIG. 16)



PBX SYSTEMS
NO. 550B, 550C, 550SC, 551A, 551B,
551D, 552A, 552B, 552D, 552E, 555,
556A, 605A, 606B, 607A, 607B, OR 608A
MANUAL CONFERENCE CIRCUIT
WITH VOICE REPEATER
BELL TELEPHONE LABORATORIES
INCORPORATED

3S

SD-65719-01-G4

PRINTED IN U.S.A.