

CIRCUIT NOTES:

DESIG	FUSE	POTENTIAL	ONE PER
101.	1-1/3	48V SIG	20 FIG. 1
BATTERY SYMBOL		VOLTAGE RANGE	
		44-52V	

FEATURE OR OPTION		FIG.	APP OR WIR	QUANTITY
STATION LINE CKT WITHOUT LINE ACCESS TOUCH-TONE CALLING	NOT RESTRICTED SEE NOTE 103	INDIVIDUAL OR RING PARTY OF 2 PARTY LINE	1	ONE PER MAIN STATION
		TIP PARTY OF 2 PARTY LINE	5	
		INDIVIDUAL OR RING PARTY OF 2 PARTY LINE	1	
		TIP PARTY OF 2 PARTY LINE	5	
MULTIPLE JACK FOR USE WHEN ATTENDANTS SWITCHBOARD IS		552A, 552D, OR 605A PBX	2	AS REQD
		607A OR 607B PBX	3	
		608A PBX	4	
MESSAGE WAITING SERVICE SEE NOTE 106 & 107		REQD	V	
		NOT REQD	T	
WHEN THIS CKT CONNECTS TO		AUX OR MON & TEST LINE CKT GRP ALERTING	S	
		OTHERWISE	R	
MESSAGE REGISTER SERVICE INDIVIDUAL PARTY			Q	
LINE FINDER SUBGROUP ARRANGED FOR		20 LINES	N	
		10 LINES	M	
STATION LINE CKT		ASSOCIATED WITH DIRECT STATION SELECTION CKT	J	
		NOT ASSOCIATED WITH DIRECT STATION SELECTION CKT	K	
LINE ACCESS TOUCH-TONE CALLING SEE NOTE 107			G, T	ONE PER MAIN STATION
AUTOMATIC NUMBER IDENTIFICATION REQUIRED			F	

103. FOR UNRESTRICTED SERVICE, EITHER OMIT X OPTION OR INSULATE 3T(L) BY MEANS OF A PLASTIC SLEEVE PER P32B126.
104. WHEN ASSIGNED FOR NIGHT SERVICE, EITHER OMIT Y OPTION OR INSULATE 5T & 5B(CO) AND 2B(CO) WITH PLASTIC SLEEVING PER P32B126.

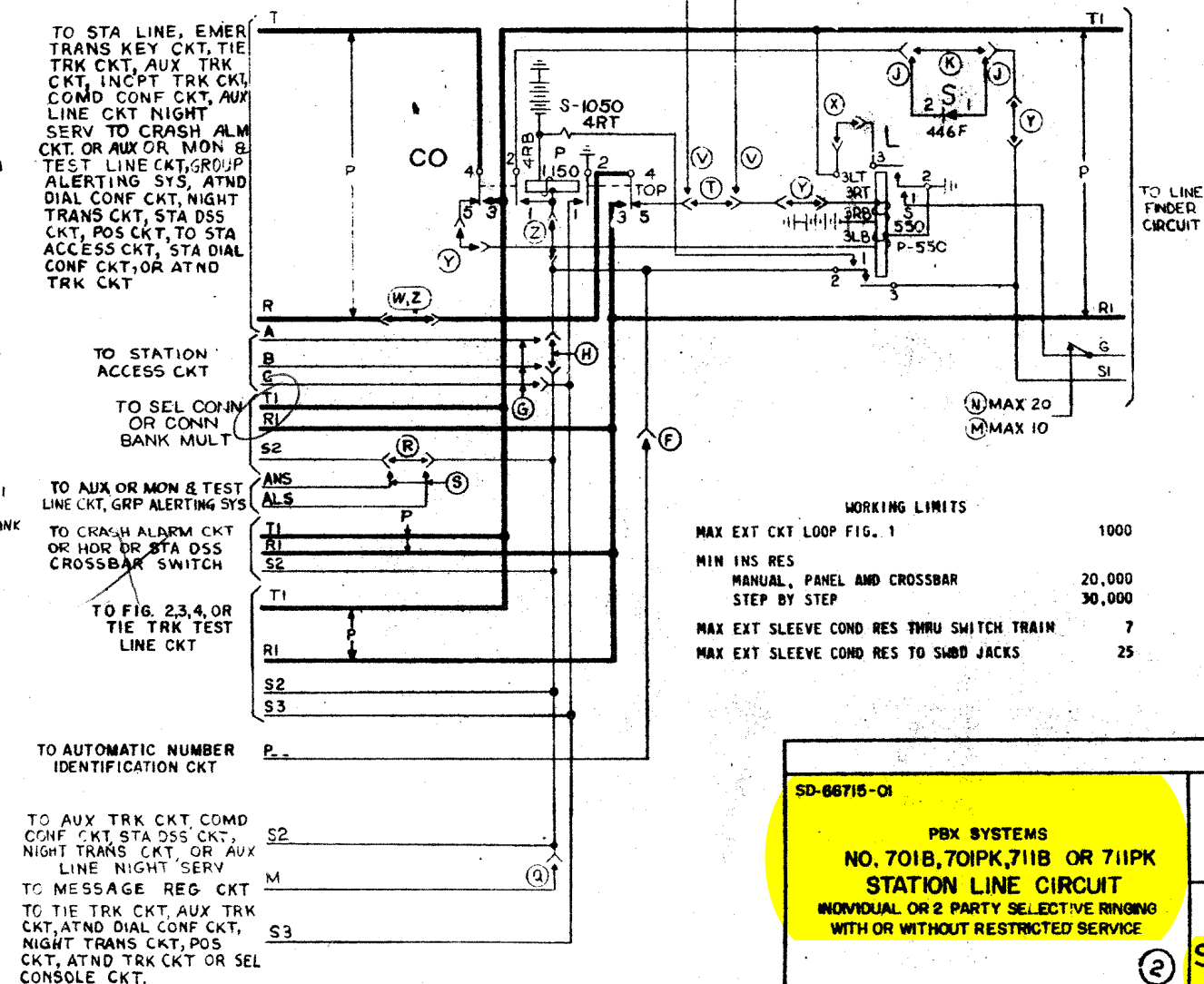
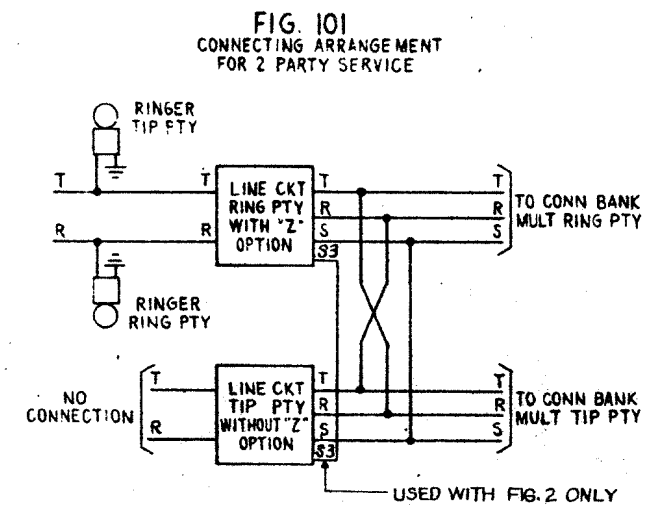
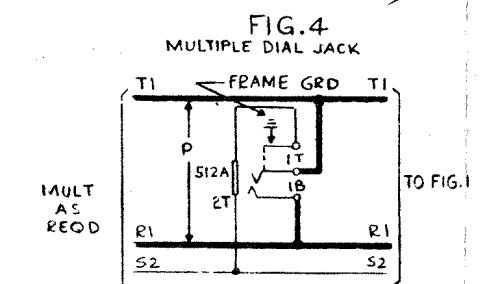
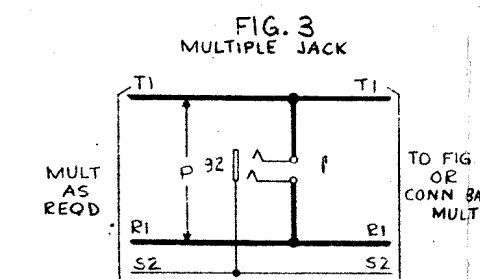
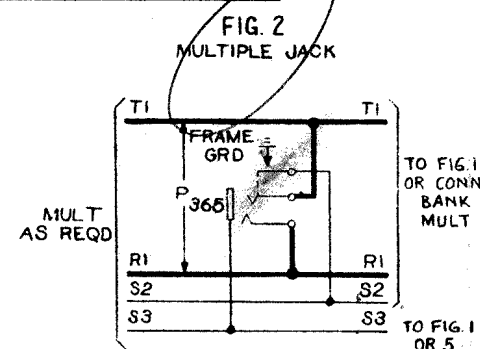
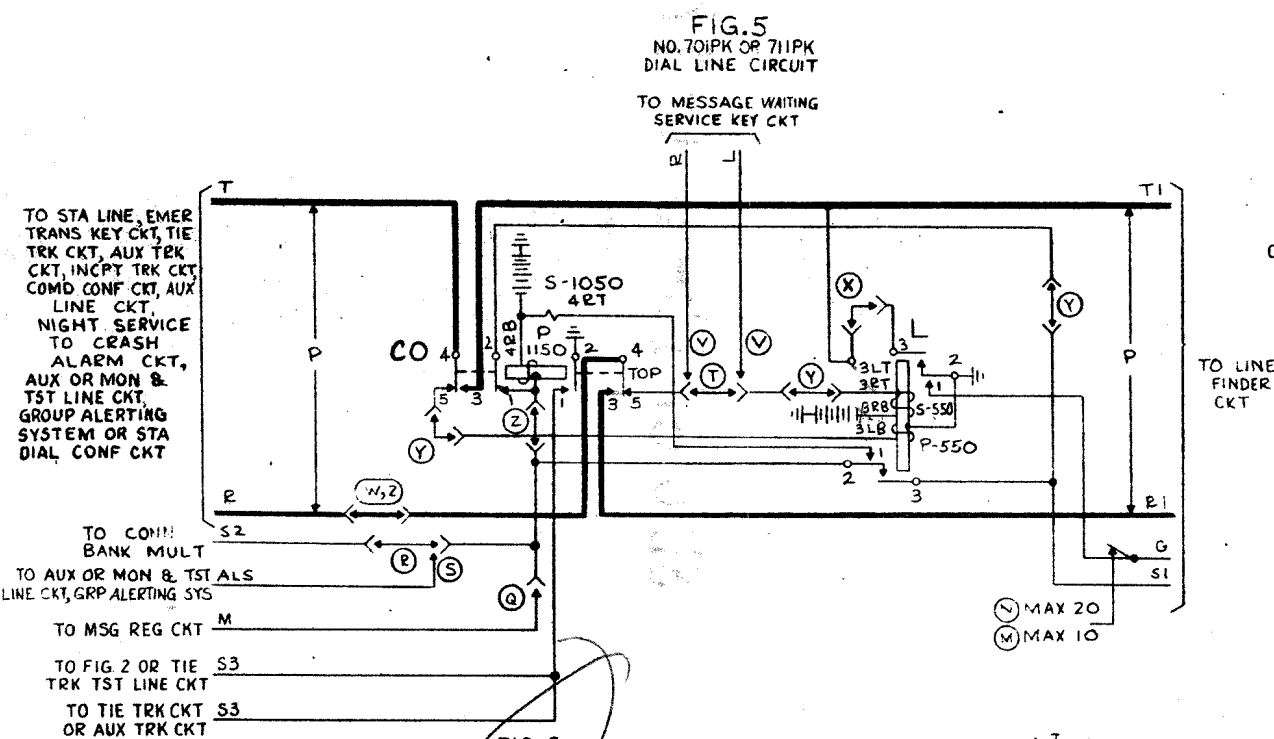
RECORD OF FIGURES, WIRING, AND APPARATUS CHANGES							
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT			
				STD	A&M	MD	SPL
2D	W OR Z	Z	102	W, Z			
4D	T OR V	T	102	T, V			
5D			102	FIG. 4			
6D	R OR S	R		R, S			
7D	Q FIG. 1	NONE	102	Q			
8D	M OR N	N	102	N			M
11D	J OR K	K	102	J, K			
14D	G OR H	H		G, H			
16D	DIODE	420G		446F		420G	
16D	Q FIG. 5	NONE	102	Q			
17D	F, FIG. 1	NONE	102	F			

106. WHEN THE MESSAGE WAITING SERVICE IS PROVIDED IN THE ASSOCIATED STATION SET, THE MAX CKT LOOP IS REDUCED 35 OHMS.

107. WHEN TOUCH-TONE CALLING USING STATION ACCESS CIRCUIT SD-66885-01 IS PROVIDED, USE T OPTION AND CONNECT THE MESSAGE WAITING SERVICE KEY CIRCUIT TO THE STATION ACCESS CIRCUIT.

INFORMATION NOTES:

301. UNLESS OTHERWISE SPECIFIED:
RESISTANCE VALUES ARE IN OHMS,
CAPACITANCE VALUES ARE IN MICROFARADS.
VALUES PRECEDED BY THE SYMBOL + (PLUS) OR - (MINUS) ARE IN VOLTS.



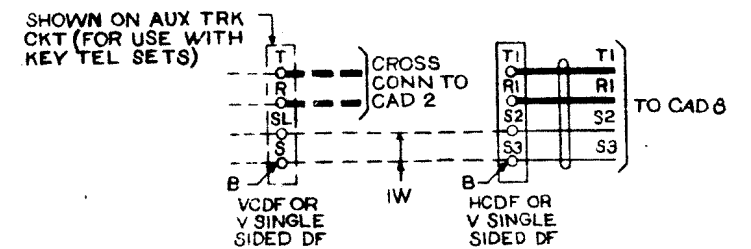
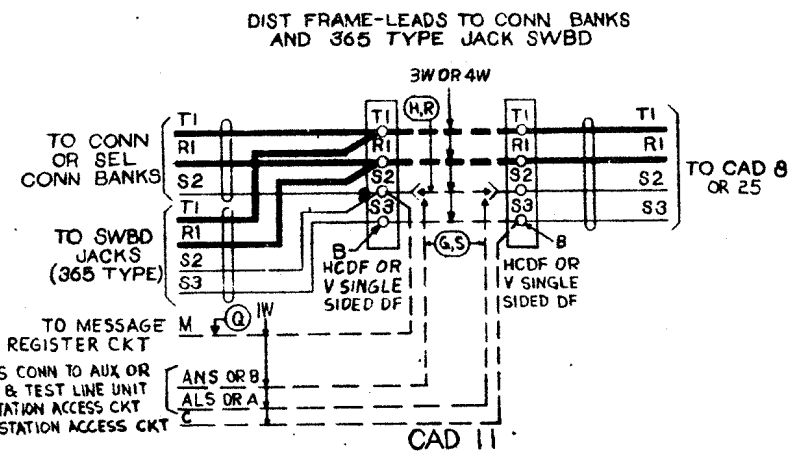
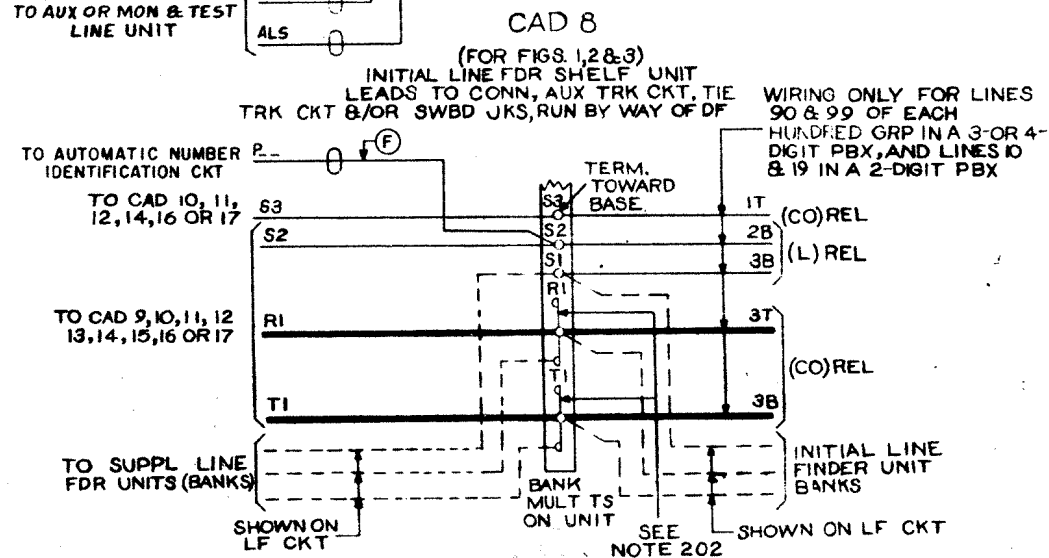
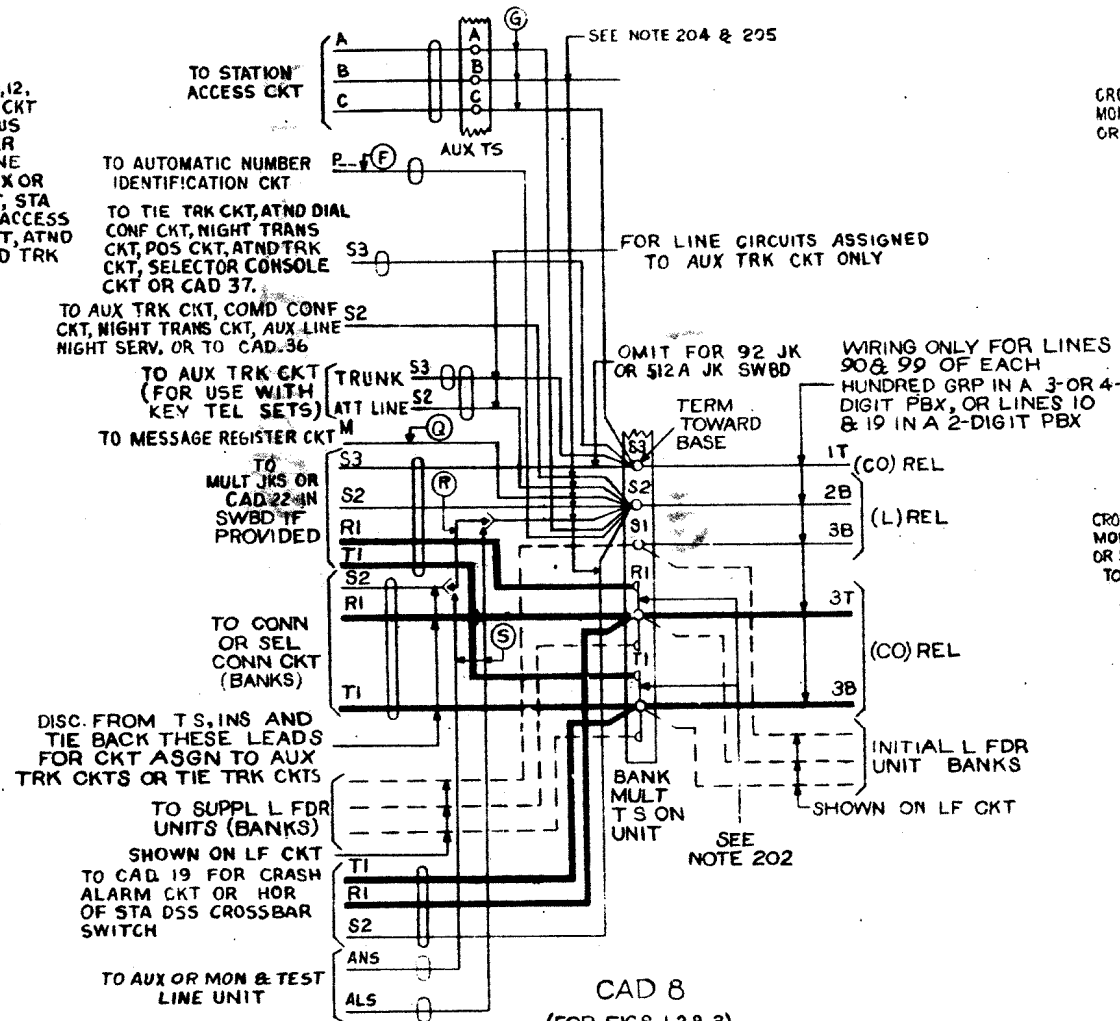
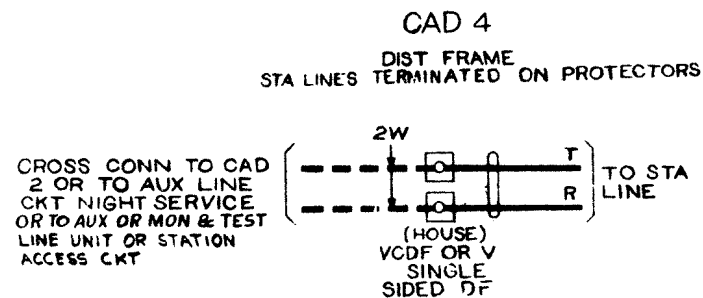
SD-66715-01

PBX SYSTEMS
NO. 701B, 701PK, 711B OR 711PK
STATION LINE CIRCUIT
INDIVIDUAL OR 2 PARTY SELECTIVE RINGING
WITH OR WITHOUT RESTRICTED SERVICE

BELL TELEPHONE LABORATORIES

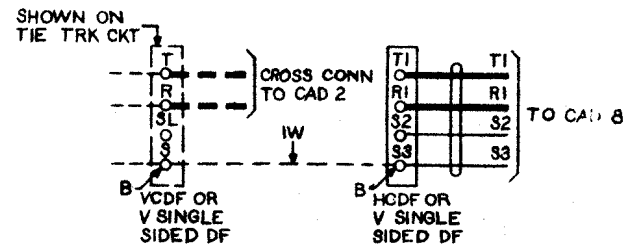
2

SD-66715-011
5 SHEETSAT&T
STANDARD



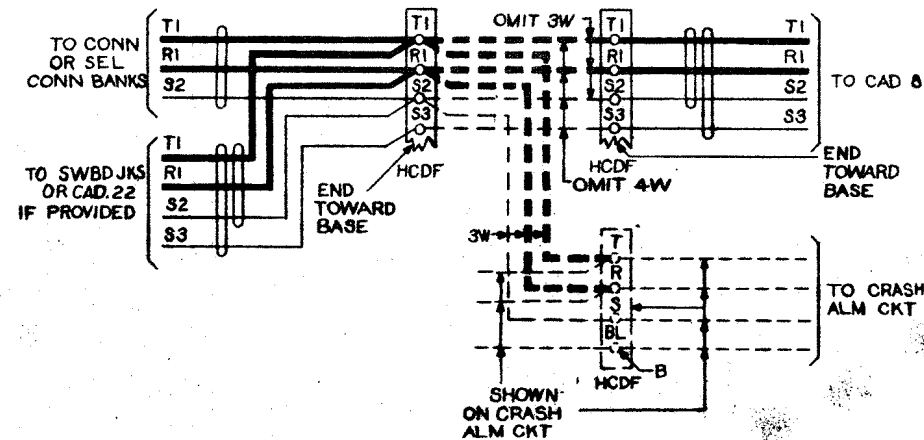
205. REMOVE THESE LEADS WHEN G OPTION IS USED AND RELOCATE TO AUX TERMINAL STRIP, B LEAD TERMINATION.

CAD 12

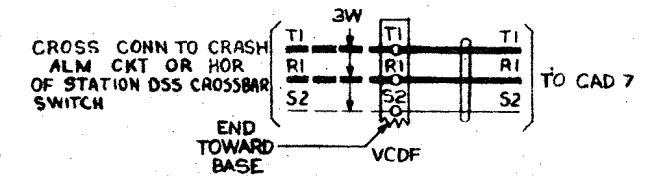
DIST FRAME - LEADS TO TIE TRK CKT
(WHEN INC SEL IS NOT USED)

CAD 15

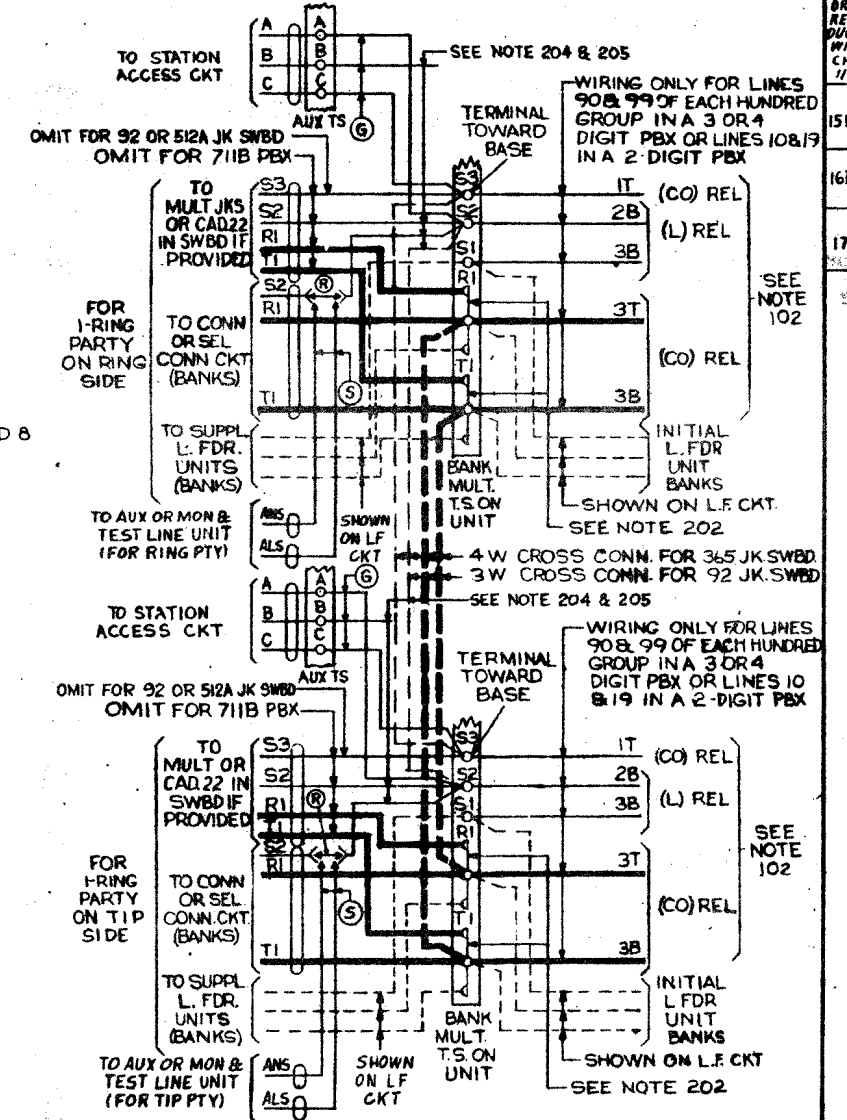
DIST FRAME - CRASH ALARM CKT



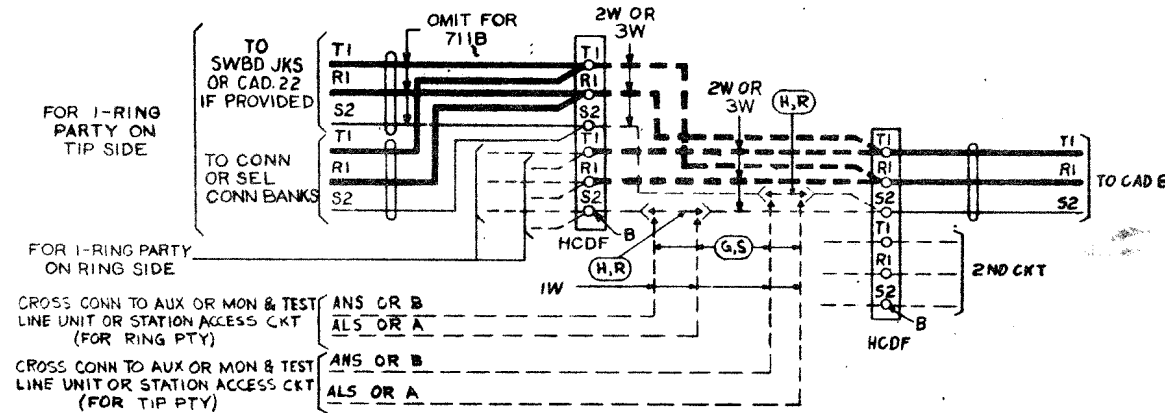
CAD 19

DIST FRAME - LEADS TO CRASH ALM CKT
OR STATION DIRECT STATION SEL CKT
WHEN CAD. 7 IS USED

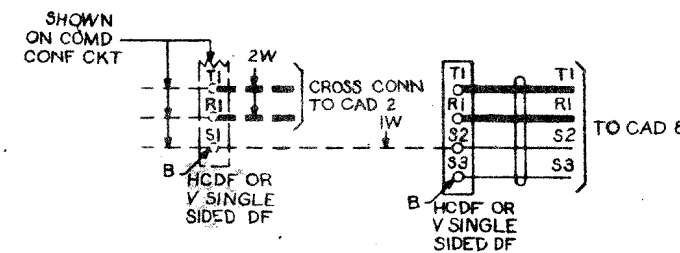
CAD 20

(FOR FIGS. 1, 2 & 3)
INITIAL LINE FINDER SHELF UNIT
LEADS TO CONN. AND SWBD JKS WHEN PROVIDED,
WHEN NOT RUN BY WAY OF DIST FRAME
2-PARTY LINES IN THE SAME 200 LINE GROUP
ON INITIAL LINE FDR UNIT USING I-RING CONN
512A, 92 TYPE OR 365 TYPE SWBD JKS

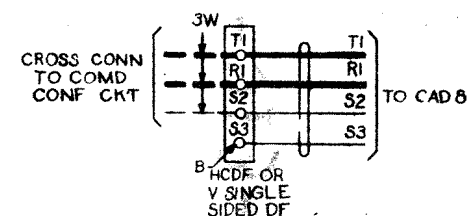
CAD 13

DIST FRAME - 2 PARTY LINES - USING ONE
RING CONN - 92 TYPE JACK OR 512A JACK SWBD,
OR NO ATT SWBD SEE CAD 35

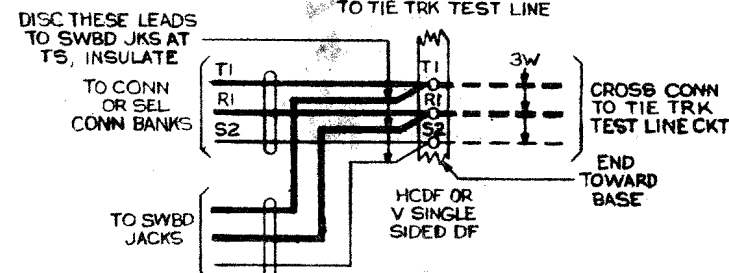
CAD 16

DIST FRAME - LEADS TO COMD CONF
CKT FOR CALLED STA LINE CKTS

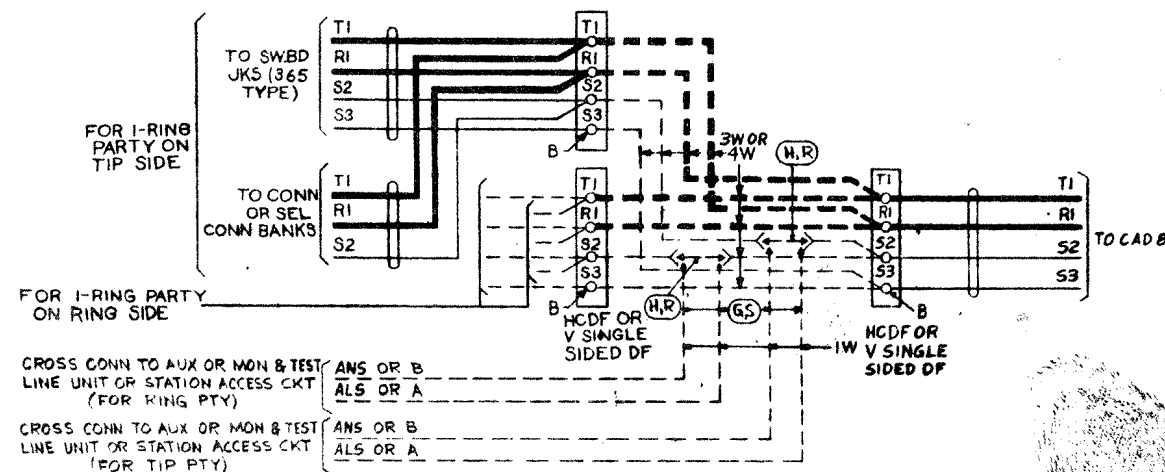
CAD 17

DIST FRAME - LEADS
TO COMD CONF CKT
FOR BUSY LAMP REL CKT

CAD 18

DIST FRAME - LEADS
TO TIE TRK TEST LINE

CAD 14

DIST FRAME - 2 PARTY LINES - USING
ONE RING CONN - 365 TYPE JACKSPBX SYSTEMS
NO. 701B, 701PK, 711B OR 711PK
STATION LINE CIRCUITBELL TELEPHONE LABORATORIES
INCORPORATED

SD-66715-013

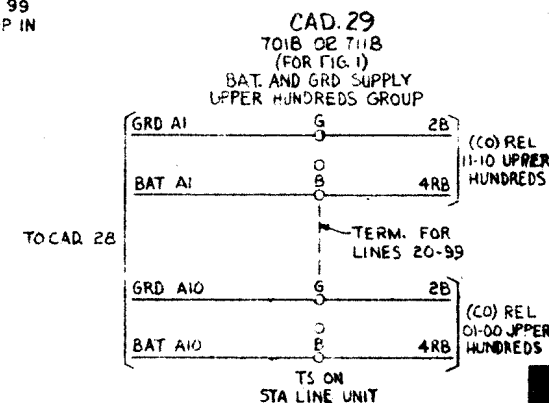
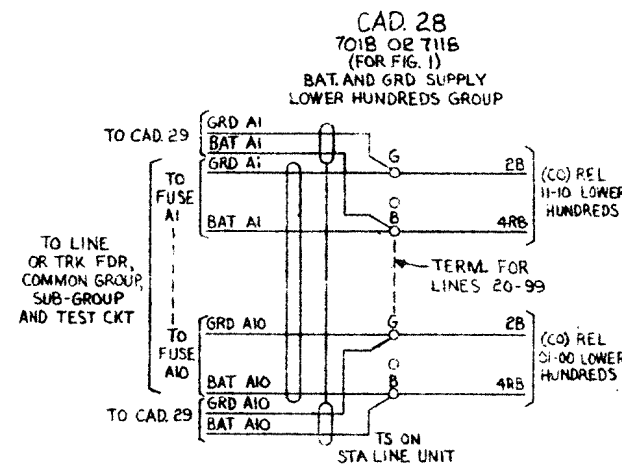
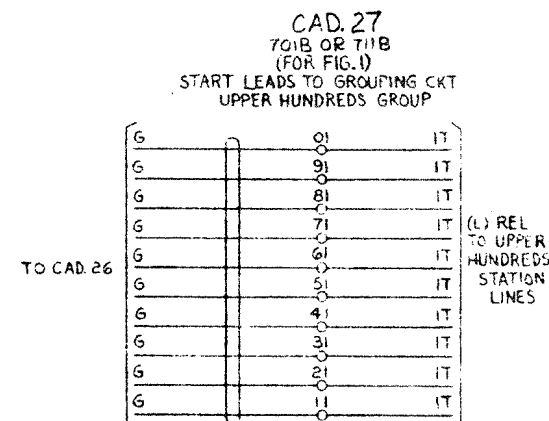
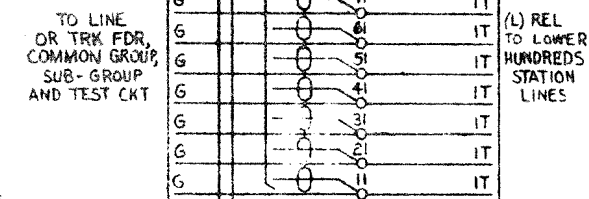
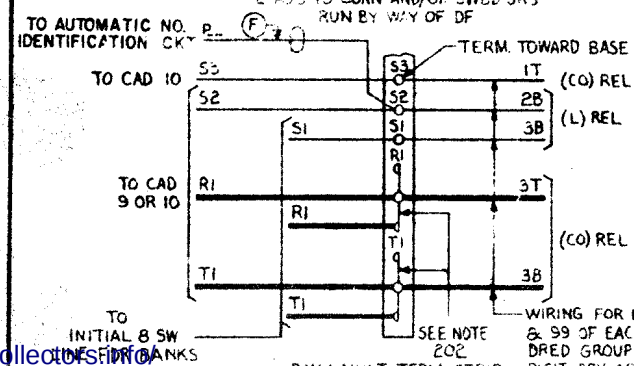
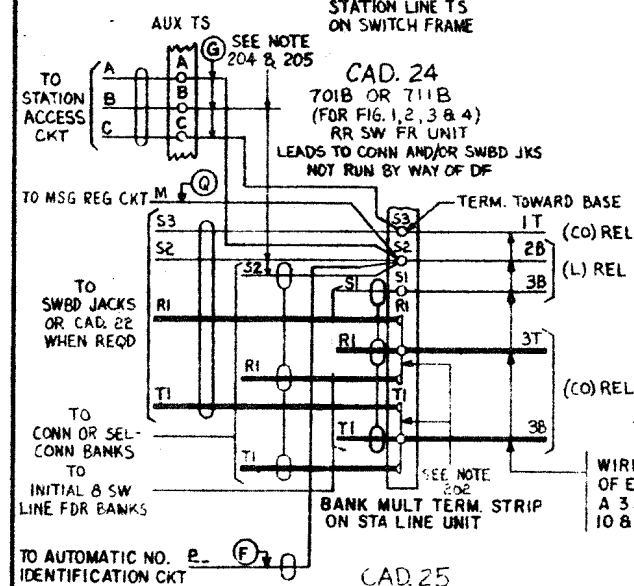
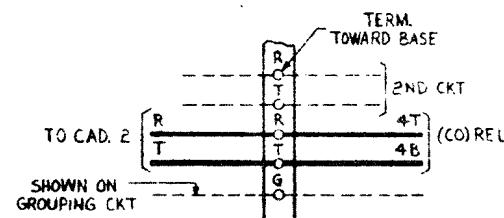
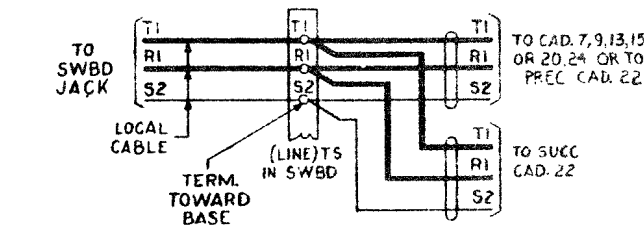
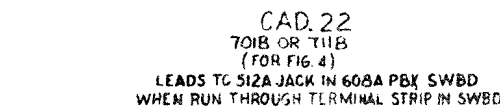
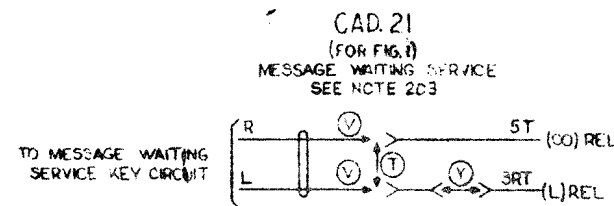
CIRCUIT REQUIREMENTS STATION LINE CIRCUIT

APPARATUS				MECH. REQ'T			CIRCUIT PREPARATION				TEST SET DATA				DIRECT CURRENT FLOW REQ'T				REMARKS
DESIG	CODE	OPTION	FIG	REP FIG	CONT PRESS	ARM. TRVL	BLOCK OR INSULATE	TEST CLIP DATA		TEST SET PREP	SEE TEST NOTE	TEST WDG	TEST FOR	AFTER SOAK	TEST	READJ			
								CORN BAT.	CORN GRD								MA	MA	
RELAYS																			
CO	EA41		1,5	8/8	H		(L) O (L) O		2B(L) 2B(L)	GRD GRD	1,2 2	P P/S	O O		20 46	19	INSULATE 1B & 1T(L) INSULATE 1T(L)		
L	EA42		1,5	4/4	H		(CO) O (CO) O	5B(CO) 5B(CO)	5T(CO) 5T(CO)	M M		P/S P/S	O NO		20 12.7	19 13.8			
													</						

- TEST NOTES:**
- WITH A 15 MIL GAUGE BETWEEN ARMATURE AND CORE, AND RELAY ENERGIZED, SPRINGS 4-5T & 4-5B SHALL NOT BREAK.
 - WHEN TOUCH-TONE CALLING WITH STATION ACCESS CIRCUIT PER SD-66885-01 IS PROVIDED, INSULATE 8B OF THE (AL) RELAY IN THAT CIRCUIT.

NO. 701B, 701PK, 711B OR 711PK
STATION LINE CIRCUIT

SD-66715-014

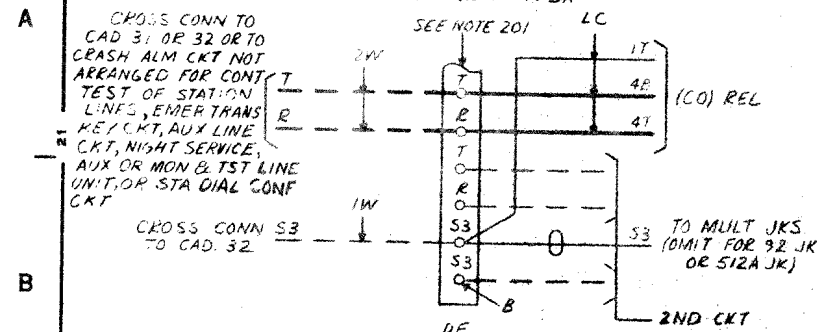


PBX SYSTEMS
NO. 701B, 701PK, 711B OR 711PK
STATION LINE CIRCUIT

SD-66715-014

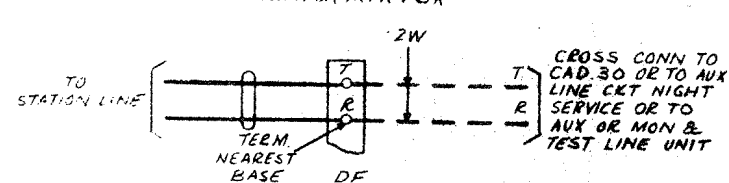
CAD. 30

FOR 701PK OR 711PK ONLY
LINE FINDER LEADS
TO STATION LINE
701PK OR 711PK PBX



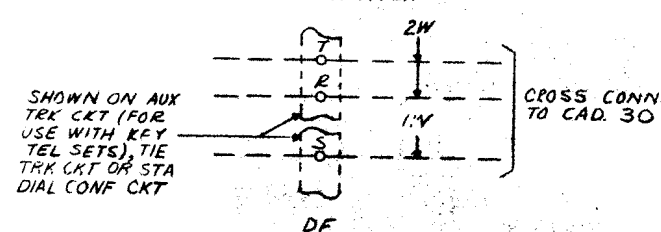
CAD. 31

FOR 701PK OR 711PK ONLY
STATION LINES TERMINATED
ON TERM. STRIP
701PK OR 711PK PBX



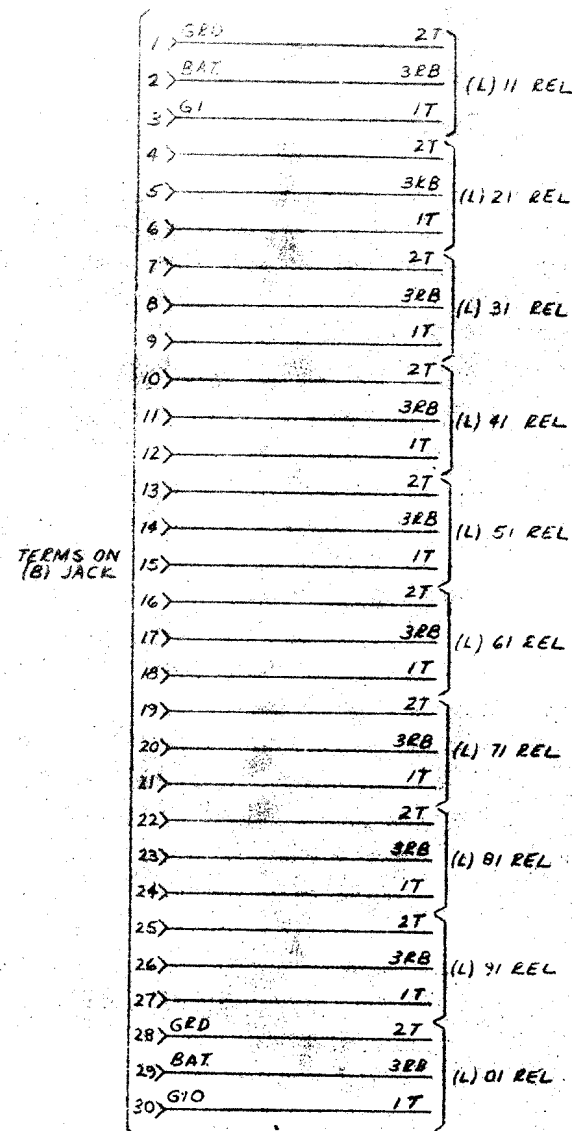
CAD. 32

FOR 701PK OR 711PK ONLY
LEADS TO AUX TRK CKT,
TIE TRK CKT,
OR STA DIAL CONF CKT
701PK OR 711PK PBX



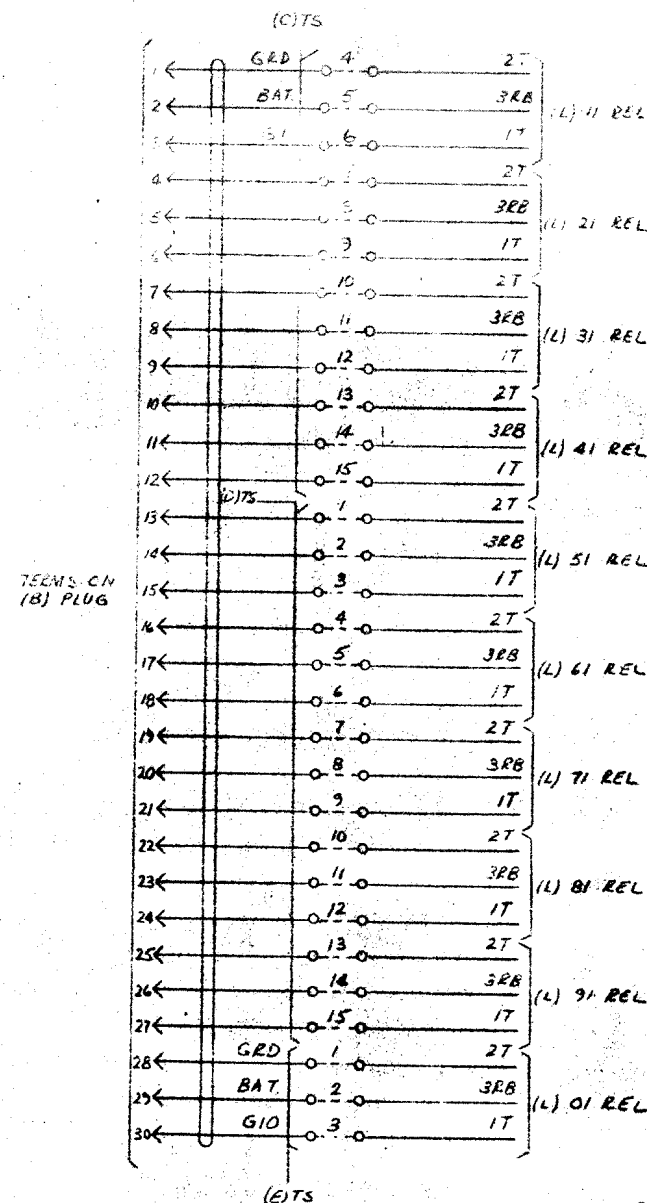
CAD. 33

(FOR FIG. 5)
1ST MODULE
BATTERY, GROUND & G LEADS
701PK OR 711PK PBX



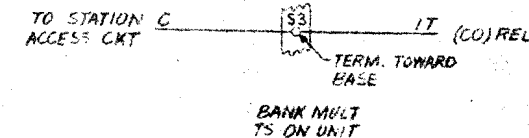
CAD. 34

(FOR FIG. 5)
2ND MODULE
BATTERY, GROUND & G LEADS
701PK OR 711PK PBX



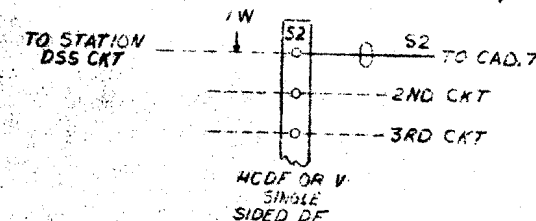
CAD. 35

(FOR FIG. 1)
STATION ACCESS CONNECTIONS
IN ADDITION TO THOSE INDICATED
IN CADS 9 & 13



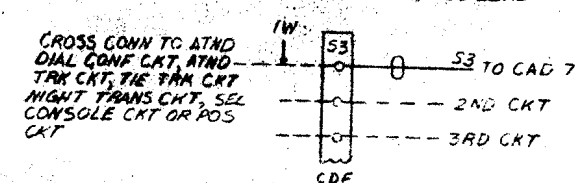
CAD. 36

DIST FRAME
LEAD TO STA DIR STA SEL CKT (ORIG STA)



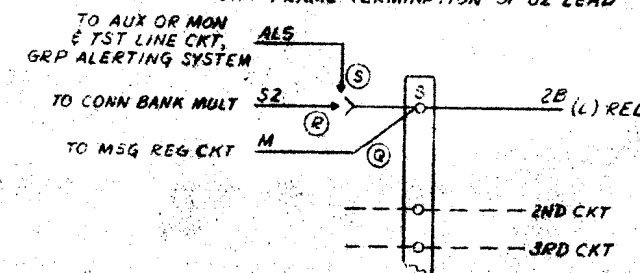
CAD. 37

DIST FRAME TERMINATION - S3 LEAD



CAD. 38

(FOR FIG. 5)
FOR 701PK OR 711PK
DIST FRAME TERMINATION OF S2 LEAD



PBX SYSTEMS

NO. 701B, 701PK, 711B OR 711PK
STATION LINE CIRCUIT

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