SHEET INDEX

	DWG ISSUE	CD ISSUE	DATE ISSUED	Drawn	APPD
	1	1	3-6-61	DHC	PBF MEJ

FIG.	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
	SHEET INDEX	010	1																			
	CKT NOTES INFORMATION NOTES	011	1																			
1	KEY AND TELEPHONE CKT	012	1																			
		013	1																			
	CKT REQT TABLE	014	1																			

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.

SUPPORTING INFORMATION

CATEGORY	NO.

SD-69423-01

Station Systems
KEY AND TELEPHONE CIRCUIT
Arranged For Touch-Tone
Calling On 2-And 4-Wire
Common Battery Lines
568 HT Set

AT&TCO
STANDARD

SD-69423-010
5 SHEETS

BELL TELEPHONE LABORATORIES
INCORPORATED

DWG SIZE 3S

PRINTED IN U.S.A.

CIRCUIT NOTES:

101.

FIG.	FUSE AMP	POTENTIAL	ONE PER

102.

FEATURE OR OPTION	FIG.	PROVIDE		
		APP OR WRG	QUANTITY	
568 HT KEY AND TELEPHONE CKT	1		1 PER STA

103.

NETWORK VALUES			
NETWORK		RESISTANCE IN OHMS	CAPACITANCE IN UF
NO.	CODE		

104.

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	

CIRCUIT NOTES: (CONTINUED)

105. WHEN EXCLUSION IS PROVIDED ON A 4-WIRE LINE, DISCONNECT, TAPE AND STORE INDICATED LEADS.

106. ALL CONVERTIBLE KEY POSITIONS ARE ARRANGED IN THE SHOP AS PICKUP POSITIONS. TO CONVERT A KEY POSITION FROM PICKUP (LOCKING) TO SIGNALING (NONLOCKING), REMOVE THE SCREW DETAIL P12A892 ENTIRELY FROM THE PLUNGER AT THE KEY POSITIONS TO BE CONVERTED. CHANGE LEADS AS FOLLOWS:

NO. OF PICKUP KEYS	NO. OF SIGNALING KEYS	KEY LEADS		
		BR	S-BR	BK-BR
5	-	M	M	X
4	1	M	M	SG
3	2	M	SG	X
2	3	X	SG	X

107. PROVIDE MULTIPLE CONNECTIONS WHEN ASSOCIATED WITH 2-WIRE LINES OR AUXILIARY SERVICE TRANSFER CIRCUITS.
PROVIDE INDIVIDUAL "A" LEADS TO EACH STATION ASSOCIATED WITH A 4-WIRE LINE.

108. PROVIDE MULTIPLE CONNECTIONS ONLY WHEN FURNISHING EXCLUSION ON A 4-WIRE LINE.
PROVIDE INDIVIDUAL ET OR T AND ER OR R LEADS WHEN FURNISHING EXCLUSION ON A 2-WIRE LINE.
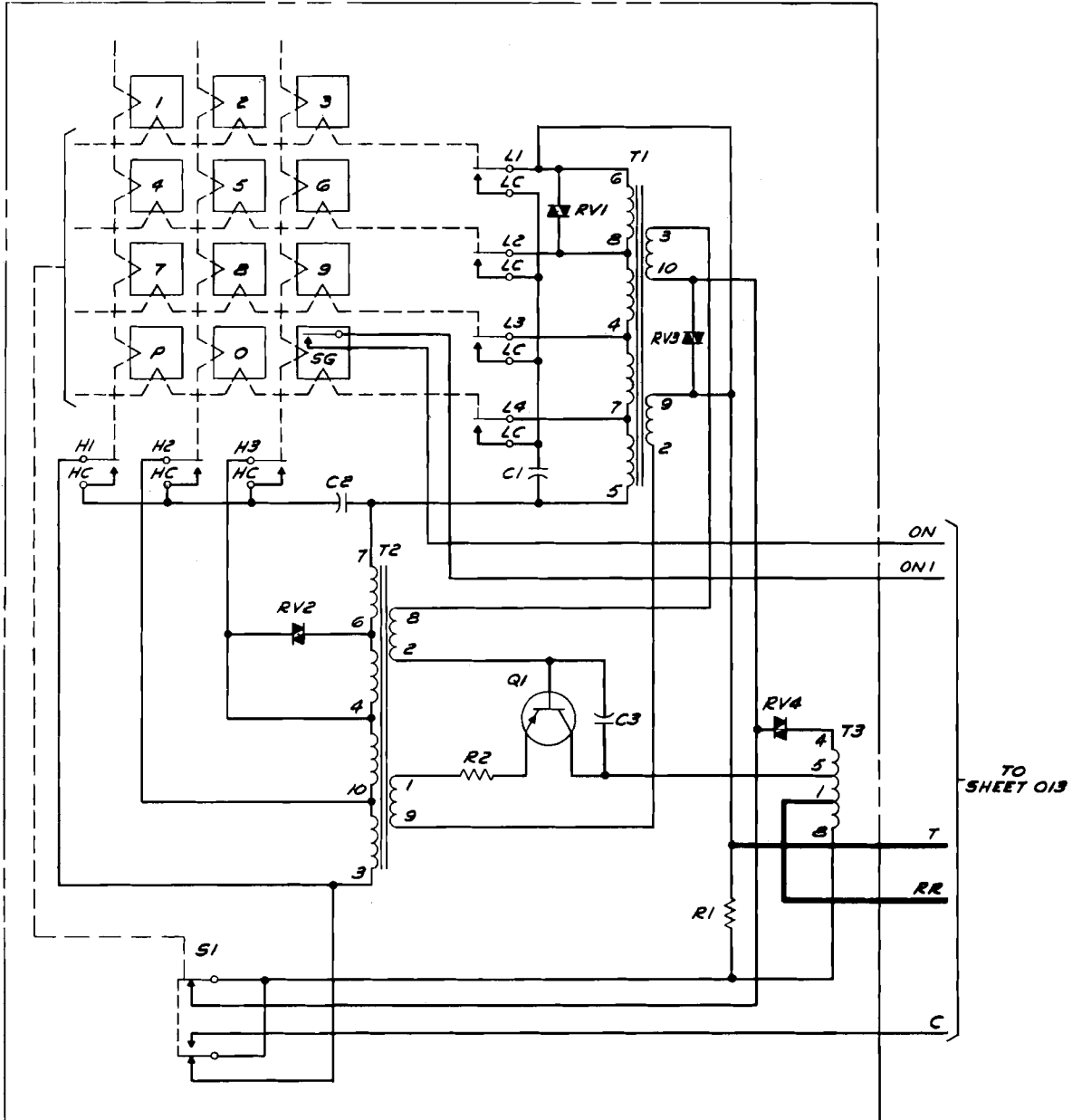
INFORMATION NOTES:

301. UNLESS OTHERWISE SPECIFIED: ALL RESISTANCE VALUES ARE IN OHMS AND ALL CAPACITANCE VALUES ARE IN MICROFARADS.

302. WHEN HANDSET IS LIFTED CONTACTS b AND c CLOSE BEFORE d AND e, AND CONTACTS f AND g OPEN LAST. WHEN HANDSET IS REPLACED CONTACTS a AND b CLOSE BEFORE CONTACTS b AND c OPEN.
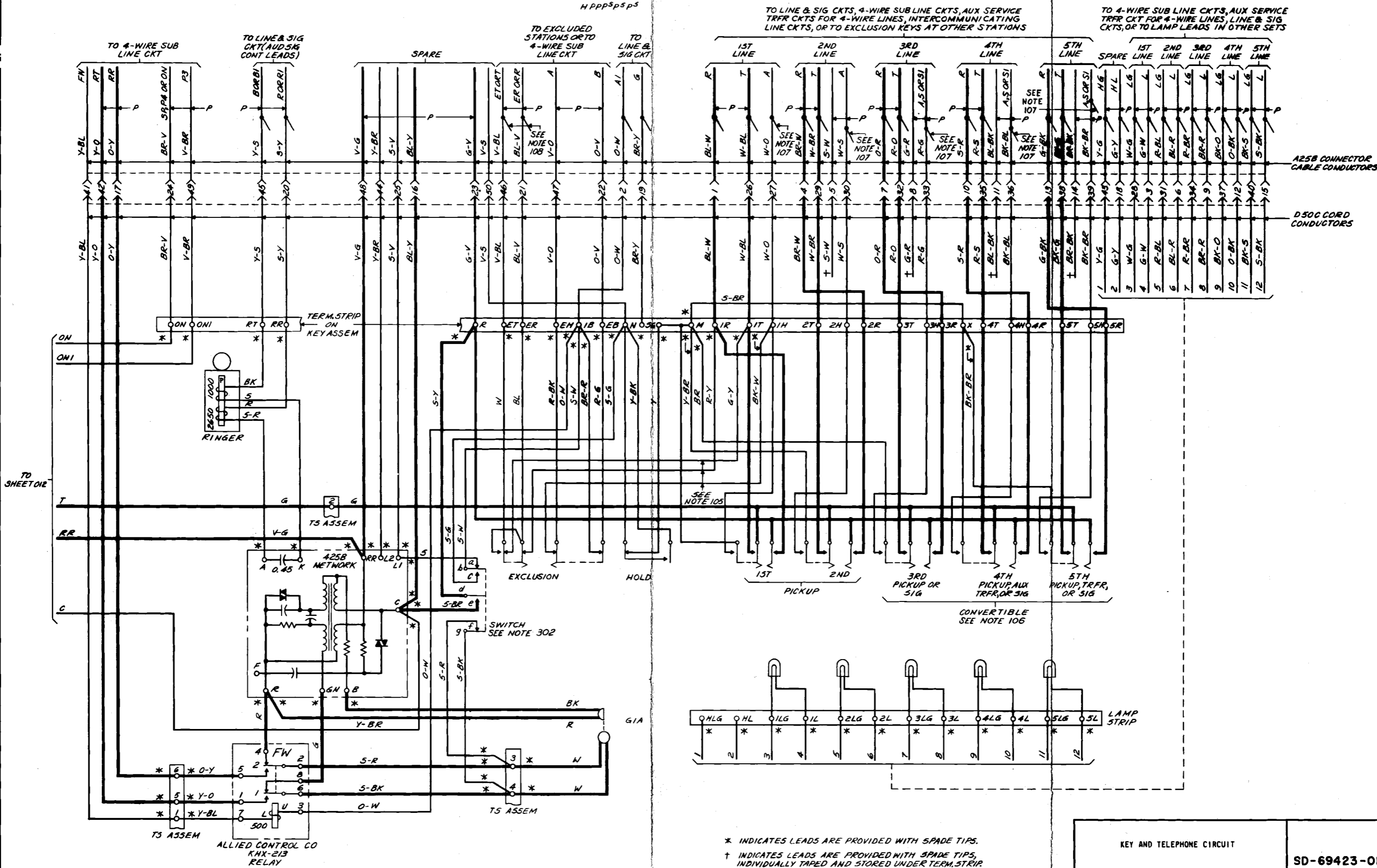
PART OF *FIG. 1*
KEY AND TELEPHONE CKT

22A DIAL

TO SHEET O13

PART OF FIG.1
KEY & TELEPHONE CIRCUIT

FOR 568 HT 6-BUTTON KEY TEL SET ARRANGED FOR TOUCH-TONE CALLING
ON 2-WIRE AND 4-WIRE NO.5 X-BAR CENTRAL OFFICE LINES IN CONNECTION
WITH KEY EQUIPMENT SYSTEMS ARRANGED FOR PICKUP HOLDING, LAMPS,
EXCLUSION, TRANSFER TO DATA AND ENCRYPTION EQUIPMENT AND
INTERCOMMUNICATING LINES

H P P P S p S p S

* INDICATES LEADS ARE PROVIDED WITH SPADE TIPS.

† INDICATES LEADS ARE PROVIDED WITH SPADE TIPS,
INDIVIDUALLY TAPED AND STORED UNDER TERM. STRIP.

KEY AND TELEPHONE CIRCUIT

SD-69423-013

BELL TELEPHONE LABORATORIES
INCORPORATED

6S

APPARATUS				MECH REQT			CIRCUIT PREPARATION			TEST SET PREP	SEE TEST NOTE	DIRECT CURRENT FLOW REQT					REMARKS
DESIG	CODE	OPTION	FIG.	DISP FIG.	CONT PRESS.	ARM. TRVL	BLOCK OR INSULATE	TEST CLIP DATA				TEST WDG	TEST FOR	AFTER SOAK MA.	TEST MA.	READJ MA.	
								CONN BAT.	CONN GRD								
RELAY																	
FW	KHX213		1					TERM.2 (TERM. STRIP ASSEM)	TERM.1B (KEY)	B/G			0		32	–	

KEY AND TELEPHONE CIRCUIT

SD-69423-014