

CB & AUTOMATIC SYSTEMS
EXTENSION PLAN Nos. 5 & 5A (INTERNAL ONLY)
USING AT THE MAIN TELEPHONE No.1/232...WITH BELL-SET No.26
OR TELEPHONE No.328...AND AT THE EXTENSIONS TELEPHONE No.1/232...
WITH BELL-SET No.26 OR TELEPHONES No.328...OR 330...

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GENERAL

1. The diagram shows the connexions for Plan No. 5, for Plan No. 5A remove straps between terminals A-A1 and B-B1 in Bell Set No. 20.

2. APPARATUS REQUIRED

MAIN

Bell-Set No. 20	
Bell No. 56A	
Block Terminal No. 20/12	OR Telephone No. 328...
Box Battery No. 3	Key No. 304A
3 Cells Dry R4D	2 Parts 1/SPL/325
and either:	Label No. 252B
Telephone No. 1/232...	Cord Inst. No. 7/05B...
Bell-Set No. 26	
2 Press-Buttons B	

EXTENSION 1

Block Terminal No. 36B	
and either:-	OR Telephone No. 330...
Telephone No. 1/232...	Label 252E
Bell-Set No. 26	Cord Inst. No. 6/21B...
Press-Button G	

EXTENSION 2

Block Terminal No. 36B	OR Telephone No. 328... (Note 8(a))
and either:-	Key No. 304A
Telephone No. 1/232...	3 Parts 1/SPL/325
Bell-Set No. 26	Label No. 252F
Press-Button G	Cord Inst. No. 7/05B...
Switch Tumbler No. 1M (Note 7(a))	

3. When an extension bell is required at any station connect in place of strap between terminals BT3-4 in appropriate block terminal. An extension bell connected to the Bell-Set No. 20 should be connected in place of strap EB.

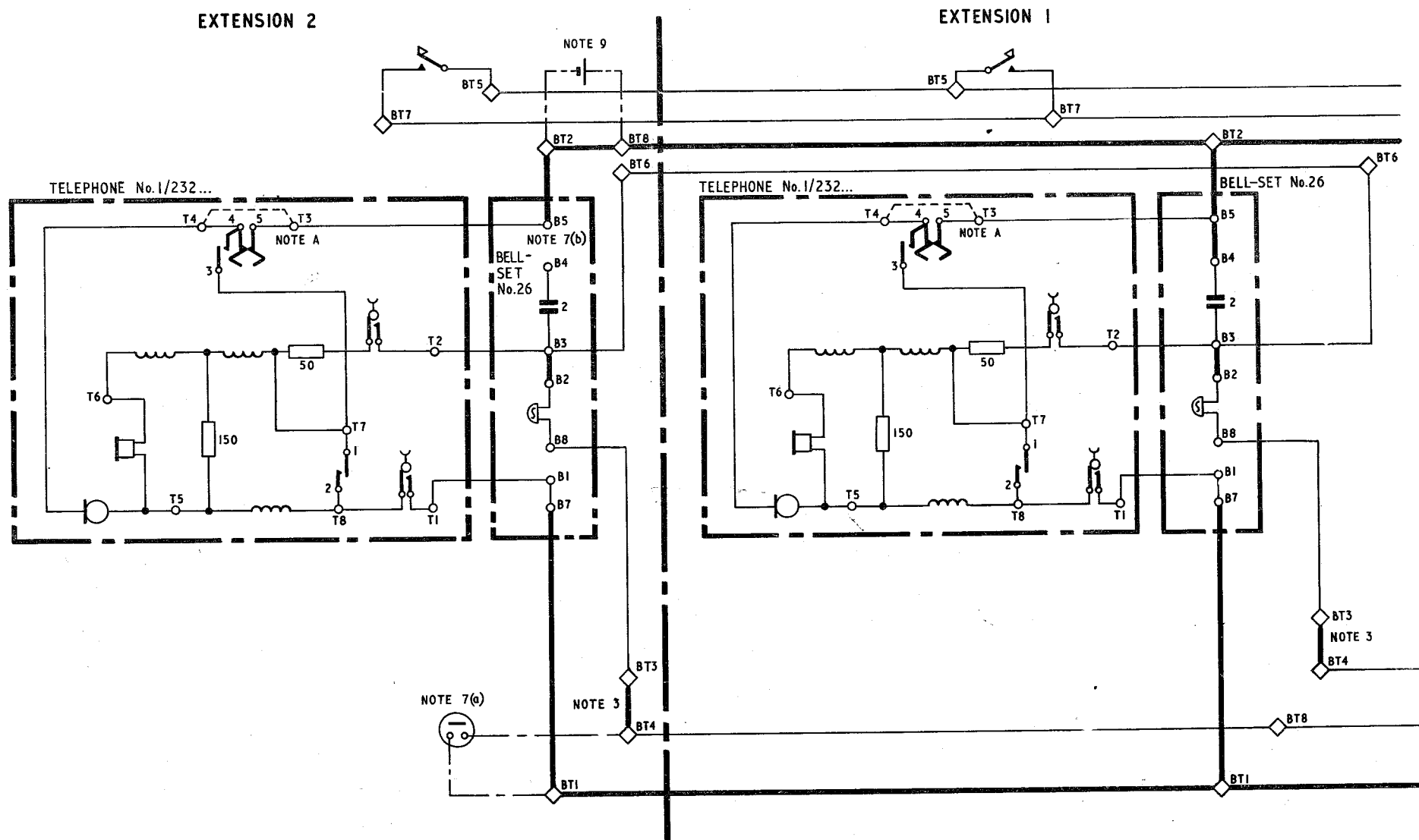
MAIN

4. Remove strap between terminals B7-B8 in Bell-Set No. 26.
5. The Parts 1/SPL/325 should be fitted in positions A and B, the control plate of the Key No. 304A should be fitted as shown on Dgm. N 4301. Strap terminals K6-K8.
6. Connect coils of Bell No. 56A in parallel

EXTENSIONS

7. (a) If Night Service is required provide a Switch Tumbler 1M as shown at one extension only.
 (b) Disconnect strap B4-B5 in Bell-Set No. 26.
8. (a) When Night Service is required provide a Telephone No. 328, with Key No. 304A, at one extension only. Fit Parts 1/SPL/325 in positions A, B & C, the control plate of the Key No. 304A should be fitted as shown on Dgm. N 4301. Strap terminals T1 - K9 and disconnect strap between T10-T11 in Telephone No. 328.
 (b) Disconnect wiring between T8 and K2 and remove strap between terminals T8-T9 in Telephone No. 330.
9. When inter-communication between extensions is required connect 3 Cells Dry R40, in Box Battery No. 3, in lieu of strap between BT2 and 8 in Block Terminal No. 35B.

PO TELECOMMS HQRS PAPER:- Y DISTN: CB & AUTO	ISSUE			
		B	NEW FORMAT. MINOR AMENDMENTS. MADE YELLOW. <i>ML</i> TD2.3.1	21-11-73
		A	TITLE & CIRCUIT AMENDED. CORD NO. 7/05 (EXT 2) WAS NO. 6/21B W. H. B.	27.1.39

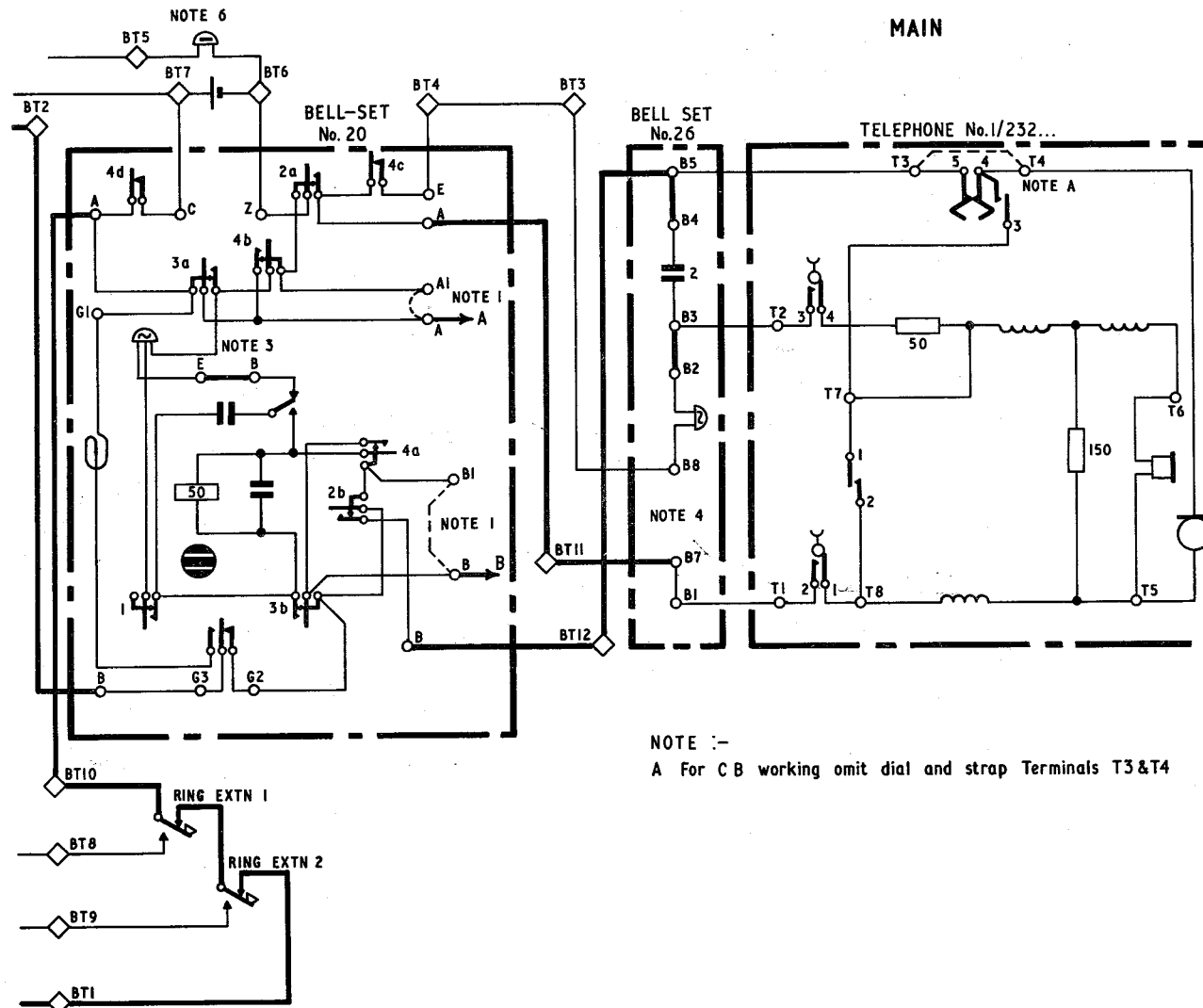


NOTE:-

A For CB working omit dial and strap Terminals T3 & T4

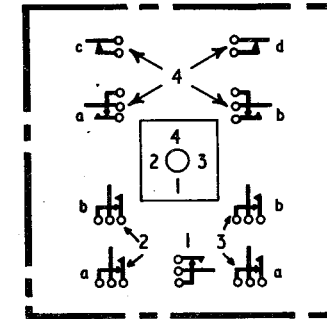
USING TELEPHONE No.1/232... WITH BELL SET No.26 AND BELL SET No.20
TYPICAL

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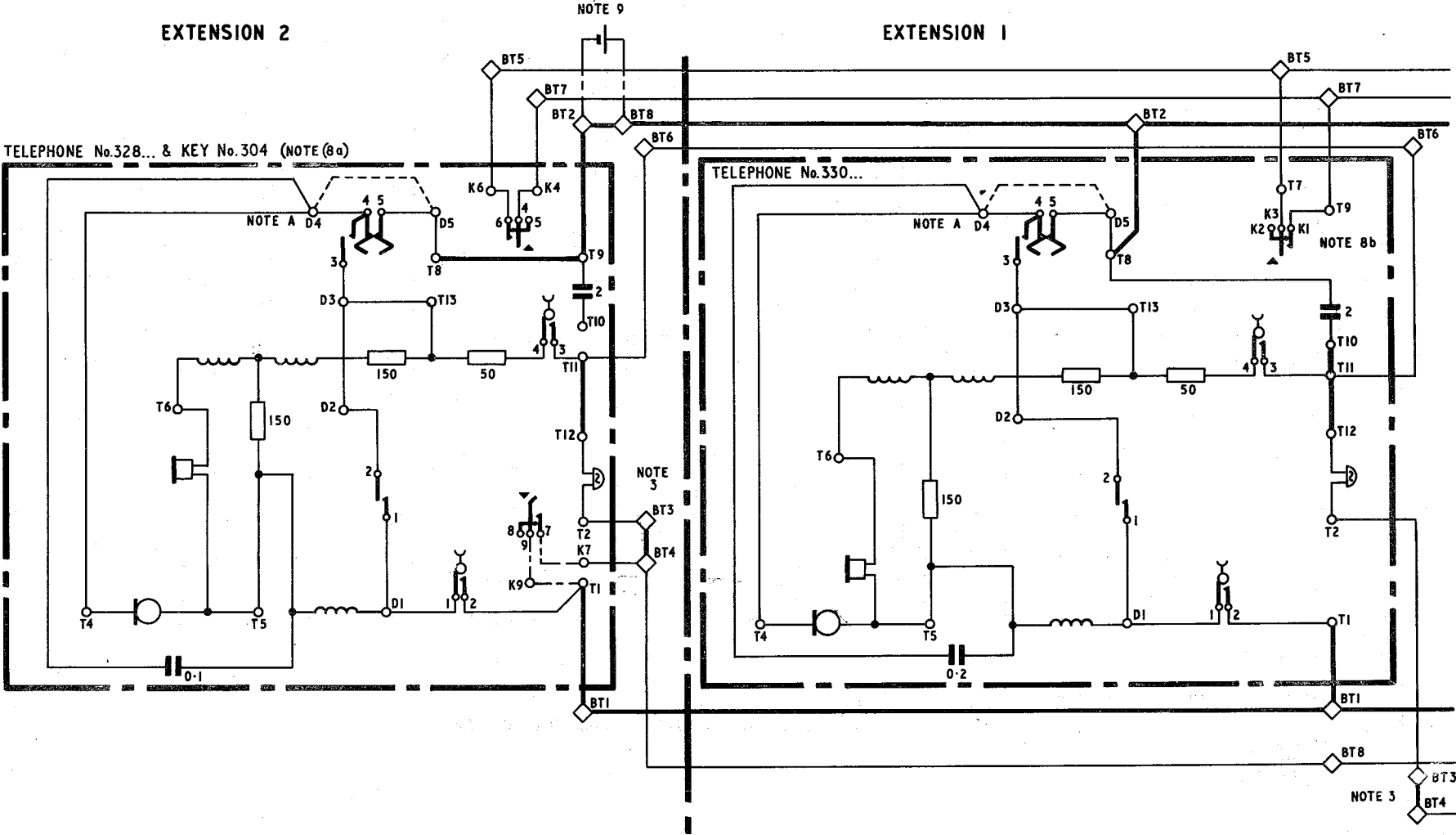
NOTE :-
A For C B working omit dial and strap Terminals T3&T4

BELL-SET No. 20
KEY AS SEEN FROM BACK



SWITCHING CONDITIONS OF BELL-SET No. 20
POSITION OF POINTER SPRINGS ACTUATED

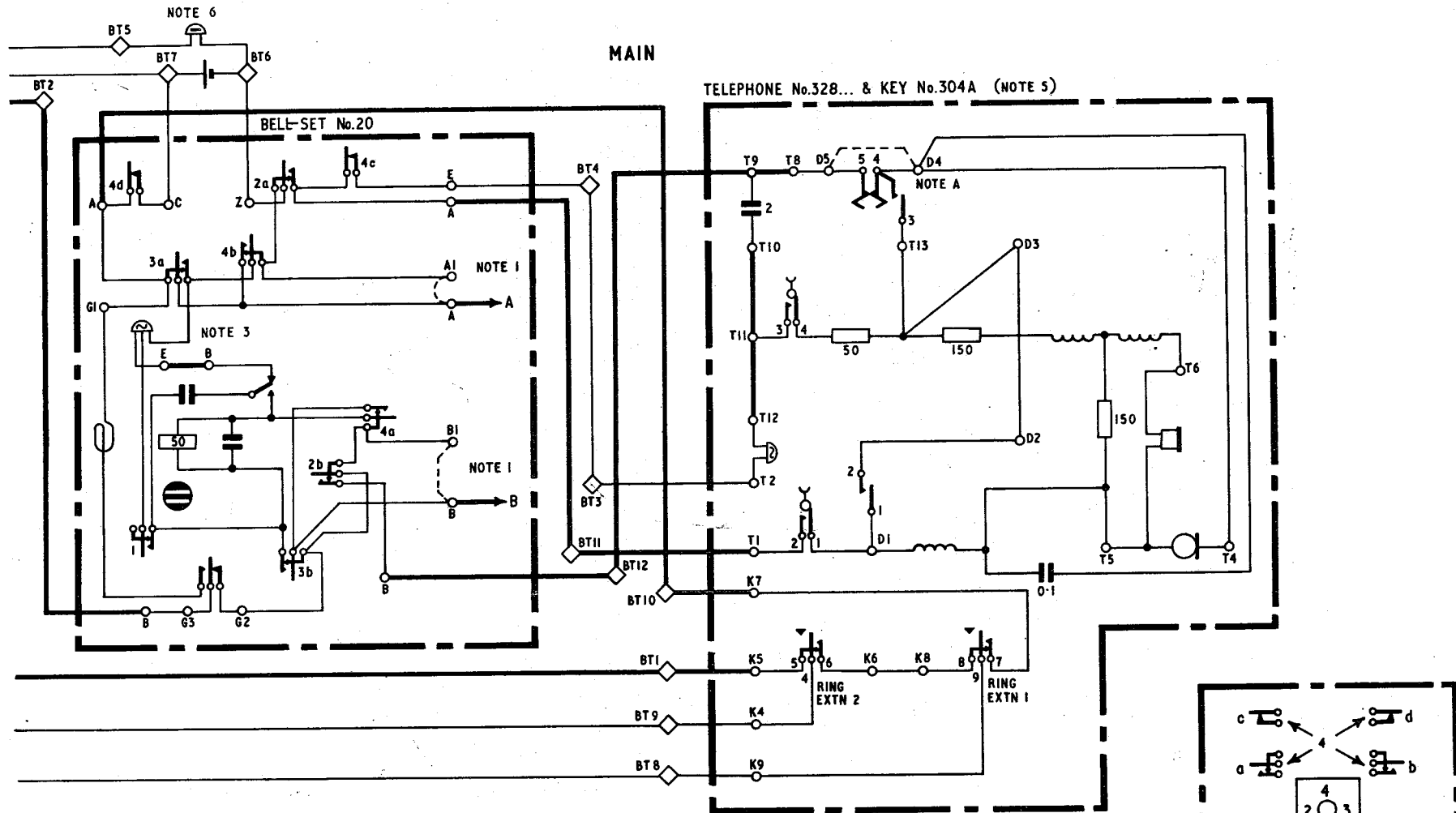
1 Main to exchange	— All normal
2 Main to extension	— 2 & 3
3 Main to extension	— 1, 2 & 3
Exchange held	
4 Exchange to extension	— 4



NOTE:-
A For CB working omit dial and strap Terminals D4 & D5

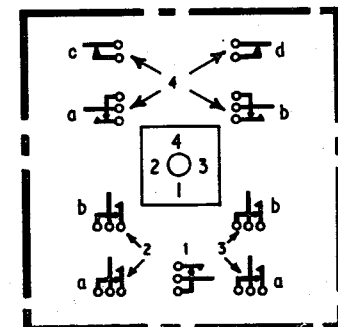
USING TELEPHONES No. 328... AND 330... AND BELL SET No. 20
TYPICAL

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NOTE :-

A For C B working omit dial and strap Terminals D4 & D5



SWITCHING CONDITIONS OF BELL-SET No. 20

POSITION OF POINTER	SPRINGS ACTUATED
1 Main to exchange	All normal
2 Main to extension	2 & 3
3 Main to extension	1 2 & 3
Exchange held	
4 Exchange to extension	4

WIRING DIAGRAM

EXTENSION No.2

EXTENSION No.1

