

**INTERPHONE SYSTEMS—1A (HOME)
CONNECTIONS**

1. GENERAL

1.01 This section is reissued to include the 712B, 1712B, 1558D, 751- and 1751-type telephone sets.

1.02 The 1A HOME INTERPHONE system is limited to two door answering units and five stations.

1.03 The 1A HOME INTERPHONE cannot be used with tip party identification.

1.04 Refer to Table A for index of figures and tables.

**TABLE A
TELEPHONE SETS
CONNECTIONS**

Type of Tel Set*	Connections and Modifications		Schematic
	Fig.	Table	
511C/D	1	B	Fig. 9
1511D	2	C	Fig. 10
558C/D	3	D	Fig. 9
1558D	4	E	Fig. 11
711B	5	F	Fig. 12
712B	6	G	Fig. 13
1712B	6	G	Fig. 14
751A/B	7	H	Fig. 15
751C/D	8	J	Fig. 16
1751C/D	8	J	Fig. 17
51A Control Unit			Fig. 18

* See Table K for ringer connections.

SECTION 512-510-400

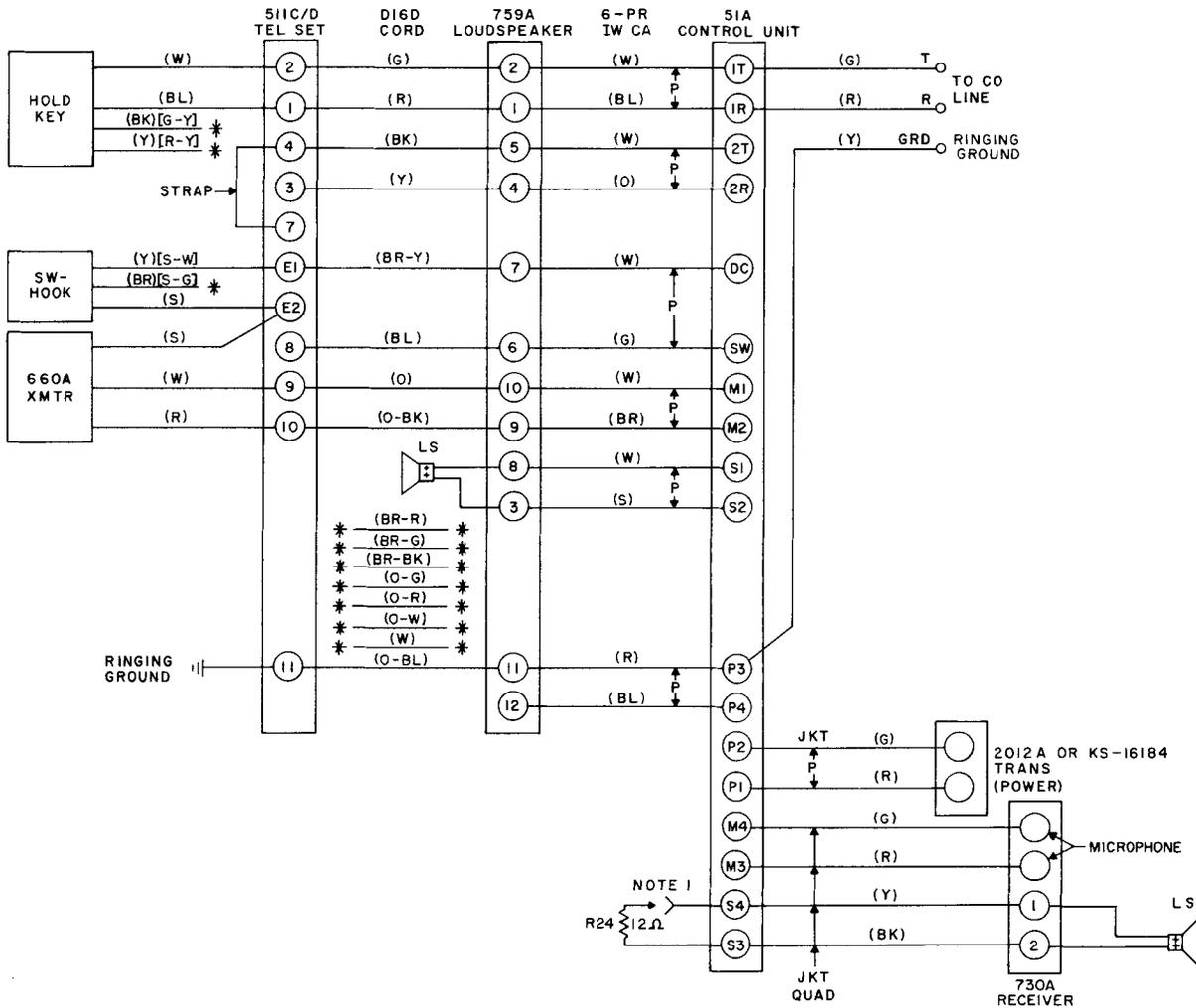


Fig. 1 – 511C/D Telephone Set, Connections to 1A HOME INTERPHONE

TABLE B

511C/D SET – MODIFICATION

Item	Wire or Lead	From Term.	To Term.
Hold Key	[R-Y] (Y)	1	*
	[G-Y] (BK)	2	*
	BL	E1	1
	W	E2	2
Mtg Cord	W	7	*
Switch-hook	[S-W] (Y)	7	E1
	S	10	E2
	[S-G] (BR)	9	*
Dial	Y	11	*
	Strap		4 to 7
660A Xmtr	R		10
	W		9
	S		E2

Note 1: Connect when one 730A receiver is used.

Note 2: See Table K for ringer connections.

* Insulate and store.

() Indicates current color code.

[] Indicates MD color code.

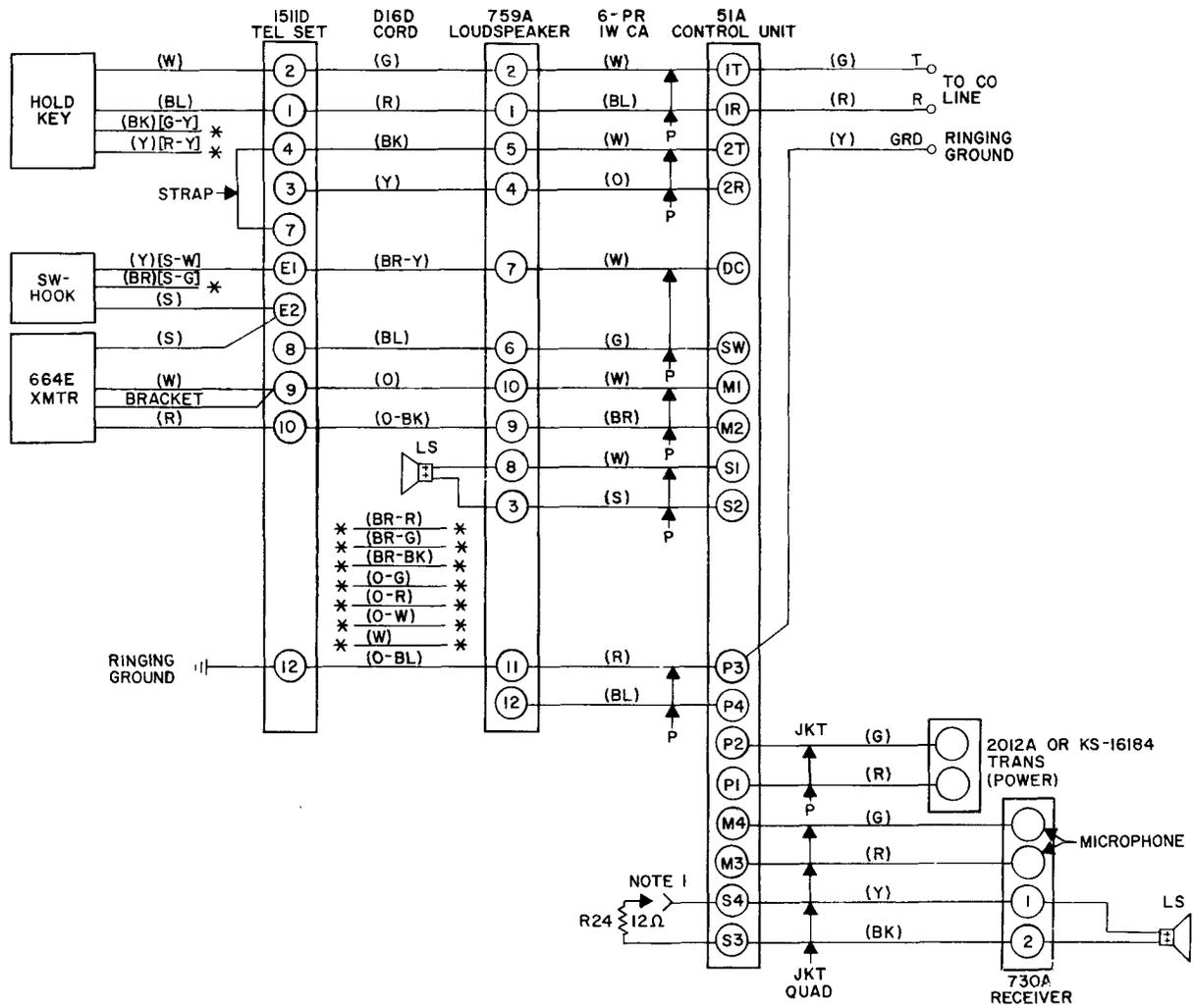


Fig. 2 — 1511D Telephone Set, Connections to 1A HOME INTERPHONE

TABLE C
1511D SET — MODIFICATION

Item	Wire or Lead	From Term.	To Term.
Hold Key	[R-Y] (Y)	1	*
	[G-Y] (BK)	2	*
	BL	E1	1
	W	E2	2
Mtg Cord	W	7	*
Switch-hook	[S-W] (Y)	7	E1
	S	11	E2
	[S-G] (BR)	9	*
664E Xmtr	Strap		4 to 7
	R		10
	W and Bracket		9
Dial	S		E2
	[V-V] (V)	12	*

Note 1: Connect when one 730A receiver is used.

Note 2: See Table K for ringer connections.

* Insulate and store.

() Indicates current color code.

[] Indicates MD color code.

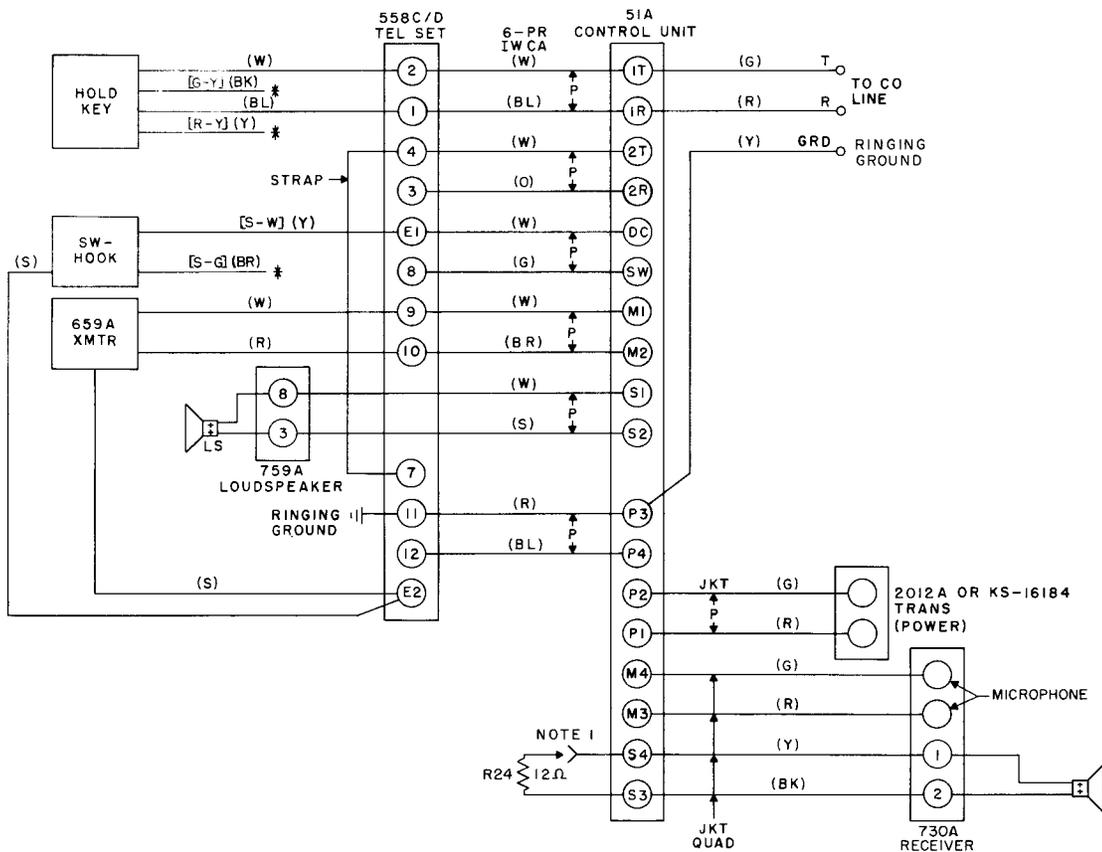


Fig. 3 — 558C/D Telephone Set, Connections to 1A HOME INTERPHONE

TABLE D

558C/D SET — MODIFICATION

Item	Wire or Lead	From Term.	To Term.
Hold Key	BL	5	1
	[R-Y](Y)	5	*
	W	6	2
Switch-hook	[G-Y](BK)	6	*
	[S-W](Y)	12	E1
	[S-G](BR)	9	*
Dial	S	10	E2
	Y	11	*
659A Xmtr	Strap		4 to 7
	R		10
	W		9
	S		E2

Note 1: Connect when one 730A receiver is used.

Note 2: See Table K for ringer connections.

* Insulate and store.

() Indicates current color code.

[] Indicates MD color code.

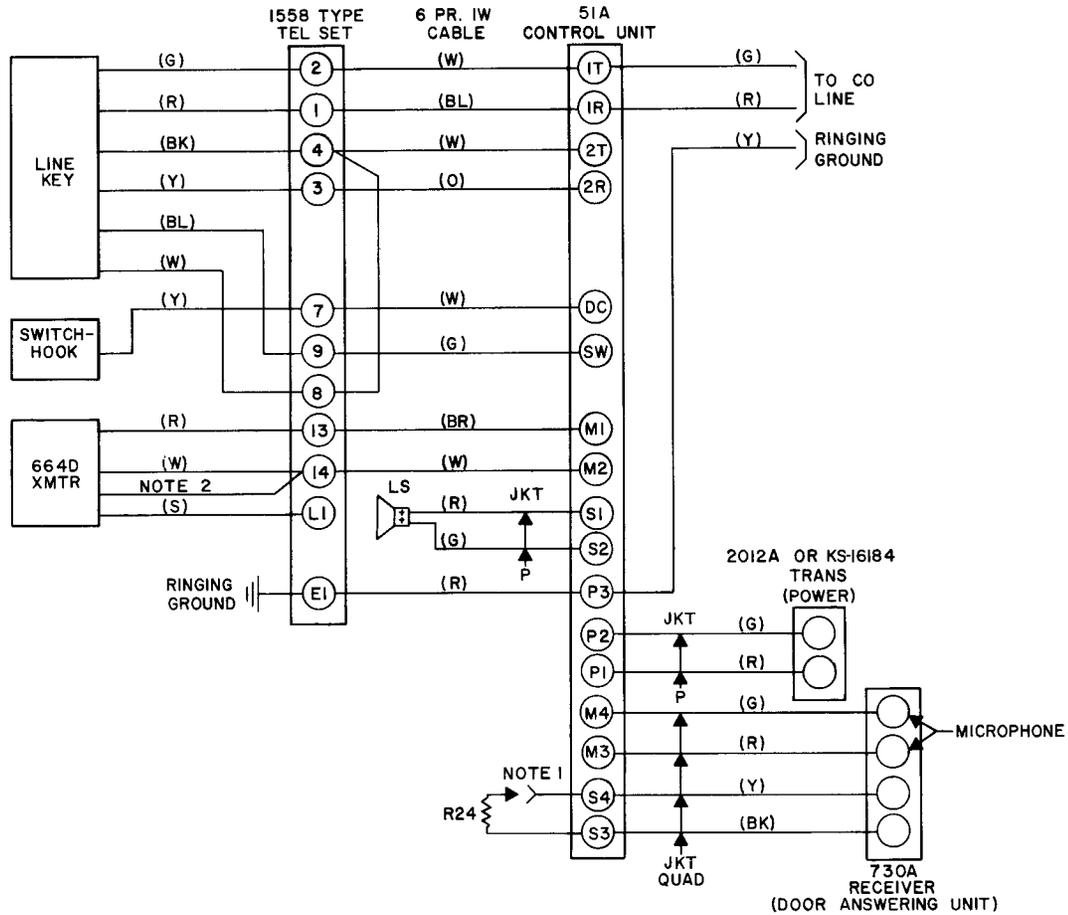


Fig. 4 – 1558D Telephone Set, Connections to 1A HOME INTERPHONE

TABLE E

1558D SET – MODIFICATION

Wire or Lead		From	To
Switchhook Assembly	S	Terminal Board Punching 14	4010B Network Punching L1
Hold Key	Y	Terminal Board Punching 2	*
	O	Terminal Board Punching E2	Terminal Board Punching 2
	BR	Terminal Board Punching E1	Terminal Board Punching 1
	R	Terminal Board Punching E1	*
	G	Terminal Board Punching 1	*
	G-Y	Terminal Board Punching 13	*
	W	Terminal Board Punching 5	*
664D Xmtr	R		Terminal Board Punching 13
	S		4010B Network Punching L1
	W		Terminal Board Punching 14
	Bracket		Terminal Board Punching 14
Strap			4-8

Note 1: Connect when one 730A receiver is used.

Note 2: Transmitter bracket is part of transmitter circuit and must be connected to terminal 14 of terminal strip.

Note 3: See Table K for ringer connections.

* Insulate and store.

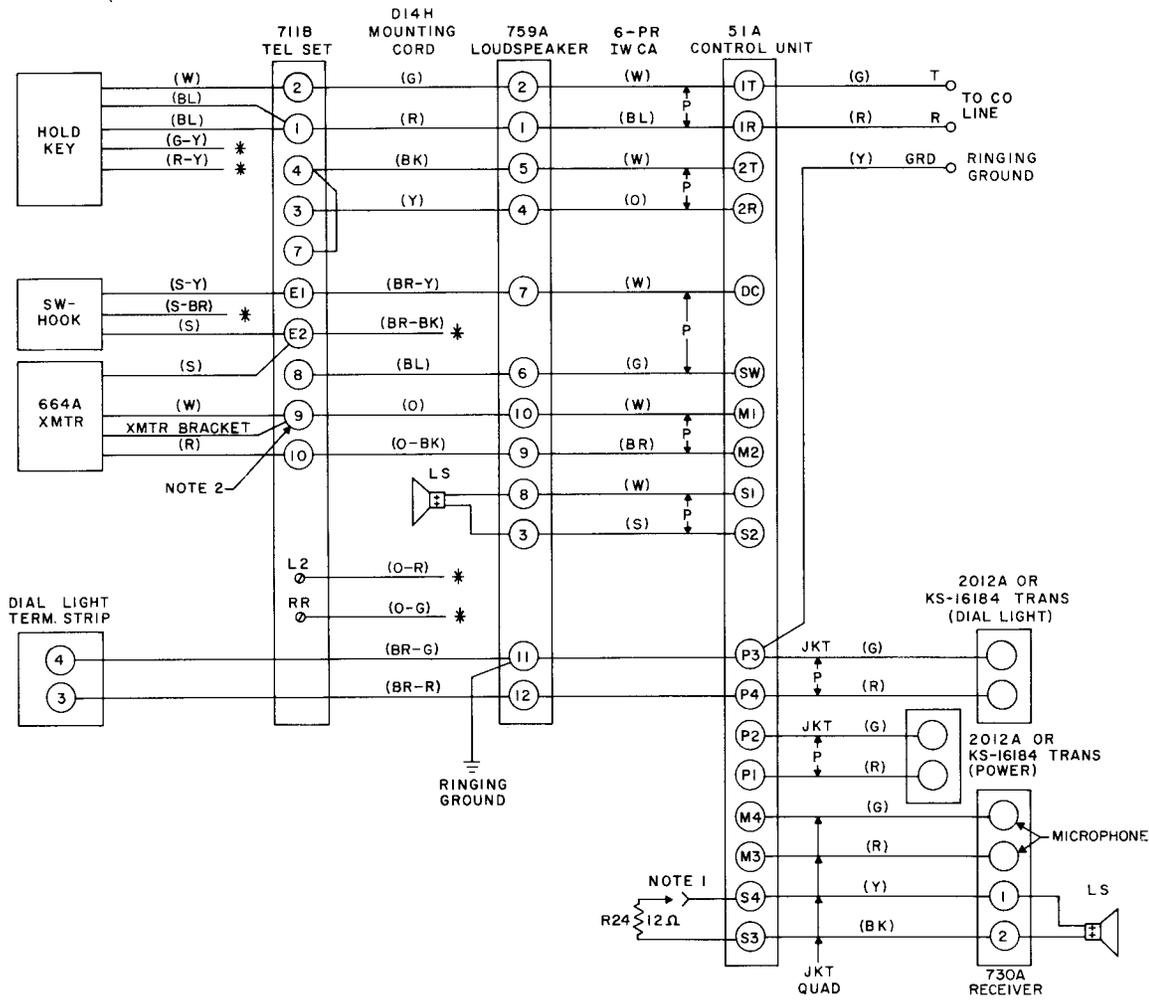


Fig. 5 - 711B Telephone Set, Connections to 1A HOME INTERPHONE

TABLE F
711B SET - MODIFICATION

Item	Wire or Lead	From Term.	To Term.
Hold Key	R-Y	1	*
	G-Y	2	*
	BL	E1	1
	BL	E1	1
Switch-hook	W	E2	2
	S-Y	7	E1
	S	10	E2
664A Xmtr	S-BR	9	*
	R		10
	W		9
	Transmitter Mounting Bracket		9
Mtg Cord	S		E2
	W	7	*
	Strap		4-7

Note 1: Connect when one 730A receiver is used.

Note 2: Transmitter bracket is part of transmitter circuit and must be connected to terminal 9 of cord terminal strip.

Note 3: See Table K for ringer connections.

* Insulate and store.

() Indicates current color code.

[] Indicates MD color code.

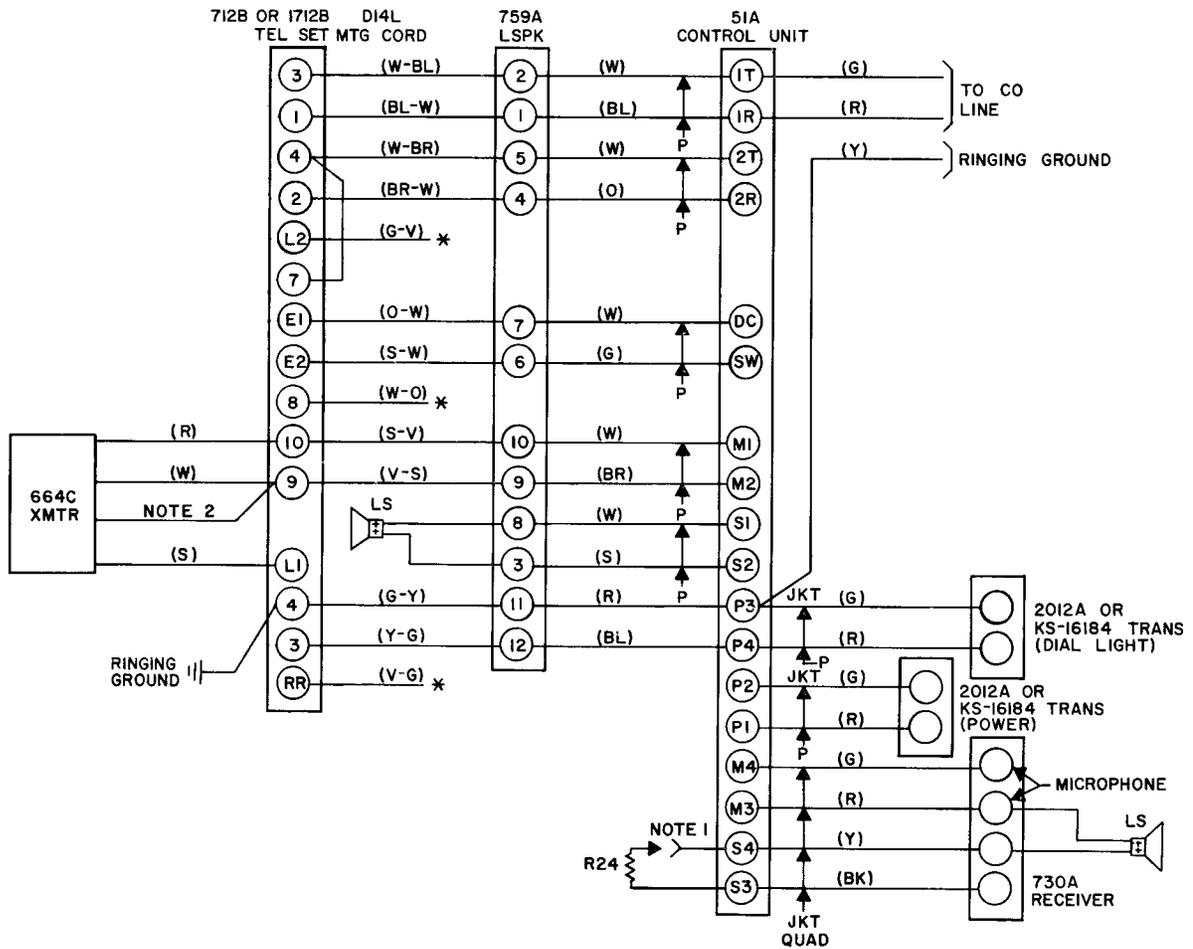


Fig. 6 – 712B and 1712B Telephone Set, Connections to 1A HOME INTERPHONE

TABLE G

712B AND 1712B SETS – MODIFICATION

Wire or Lead	From	To
664C Xmtr	R	10
	S	L1
	W	9
	Bracket	9
Mtg Cord	W-S	7
	Strap	4-7

Note 1: Connect when one 730A receiver is used.

Note 2: Transmitter bracket is part of transmitter circuit and must be connected to terminal 9 of cord terminal strip.

Note 3: See Table K for ringer connections.

* Insulate and store.

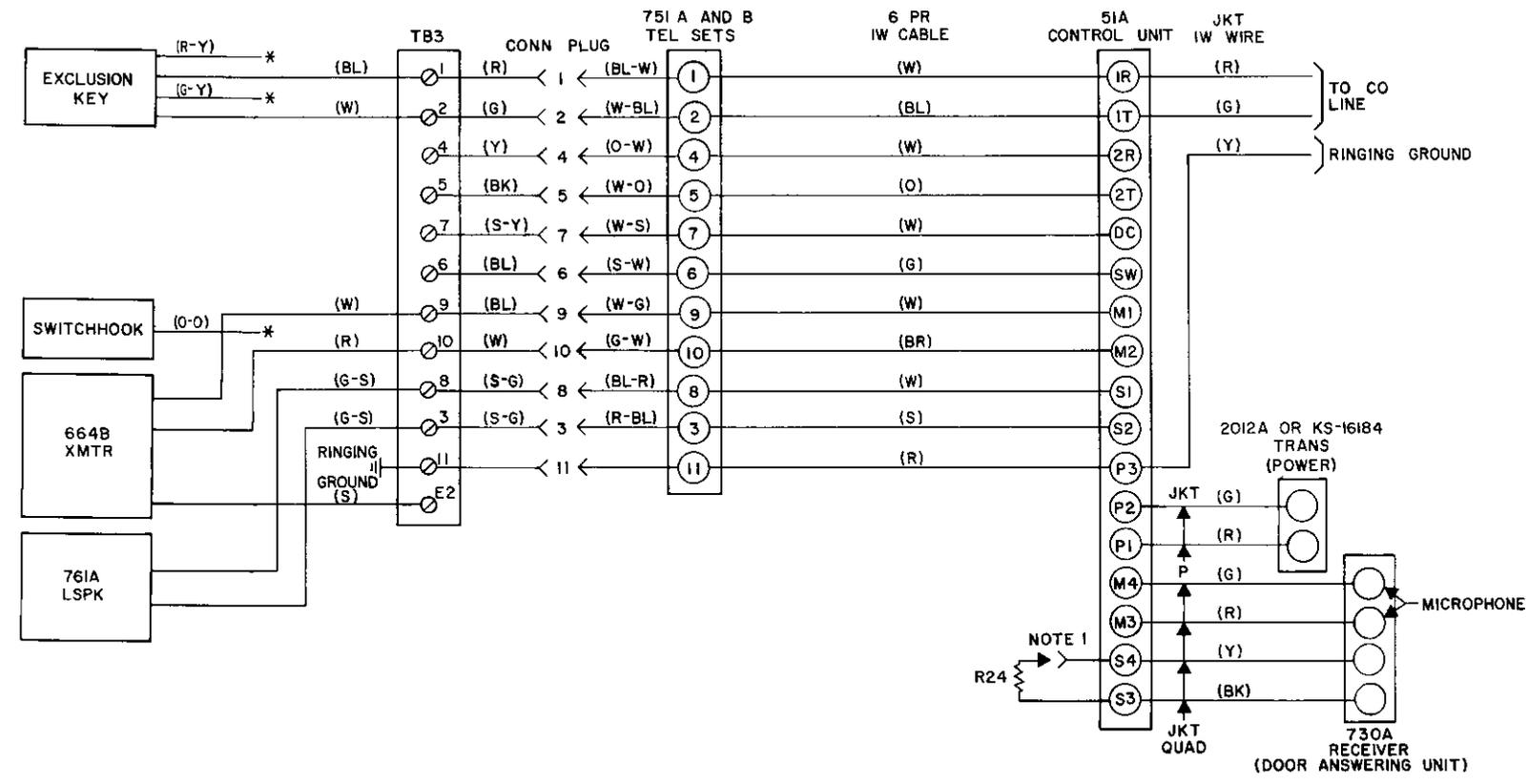


TABLE H
751A/B SET – MODIFICATION

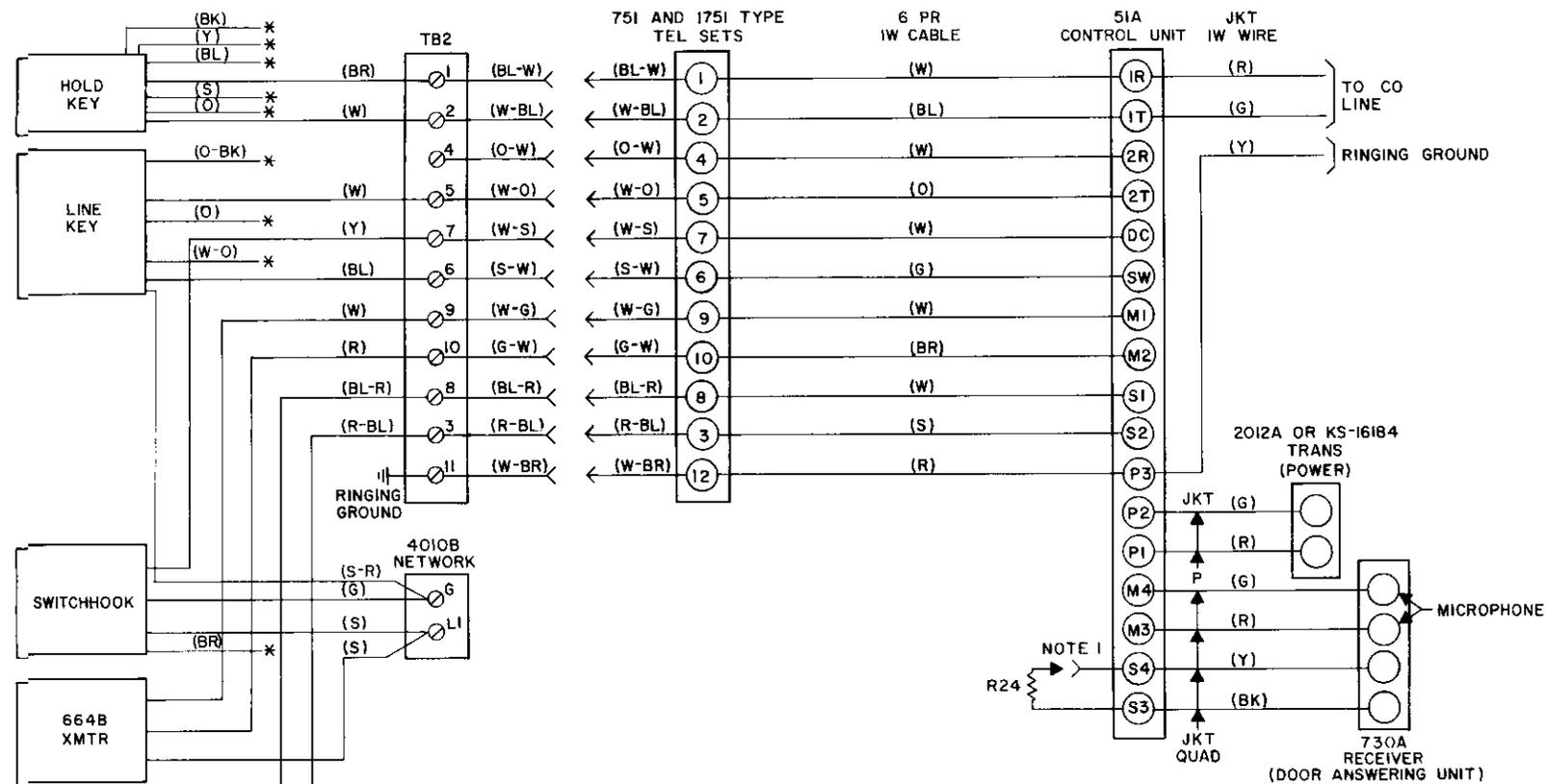
Wire or Lead		From TB3	To TB3
Exclusion Key	W	10	2
	BL	9	1
	G-Y	2	*
	R-Y	1	*
Switchhook	O-O	11	*
761A Loudspeaker	G-S		8
	G-S		3
664B Xmtr	R		10
	W		9
	S		E2

Note 1: Connect when one 730A receiver is used.
 Note 2: See Table K for ringer connections.
 * Insulate and store.

Fig. 7 – 751A/B Telephone Set, Connections to 1A HOME INTERPHONE

TABLE J
751C/D AND 1751C/D SETS – MODIFICATION

Wire or Lead		From TB2	To TB2
Hold Key	BR	9	1
	W	10	2
	BK	2	*
	Y	1	*
	BL	9	*
	S	3	*
Line Key	O	6	*
	W-O	G	*
	O-BK	3	*
	S-R	L2	G
	W	11	5
Switchhook	BL	7	6
	S	*	L1
	Y	11	7
	BR	G	*
664B Xmtr	G	L2	G
	BL-R		8
761A Loudspeaker	R-BL		3
	R		10
	W		9
	S		L1



Note 1: Connect when one 730A receiver is used.

Note 2: See Table K for ringer connections.

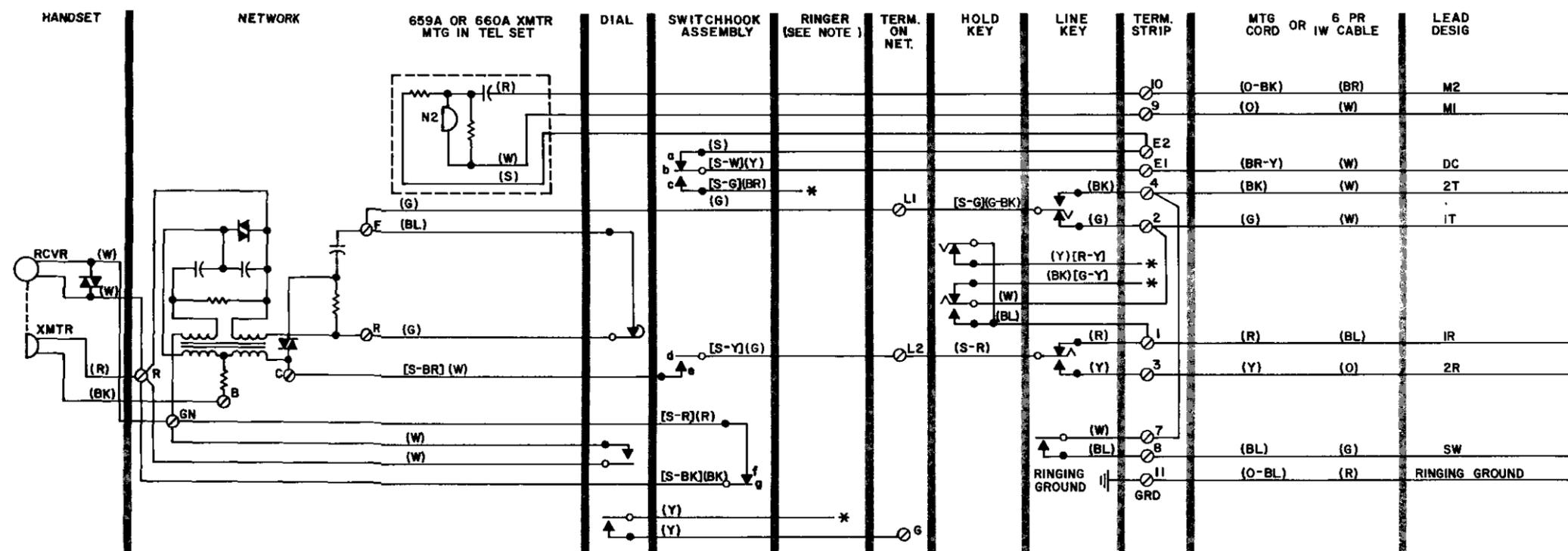
* Insulate and store.

Fig. 8 – 751C/D and 1751C/D Telephone Set, Connections to 1A HOME INTERPHONE

TABLE K
RINGER CONNECTIONS FOR 1A HOME INTERPHONE

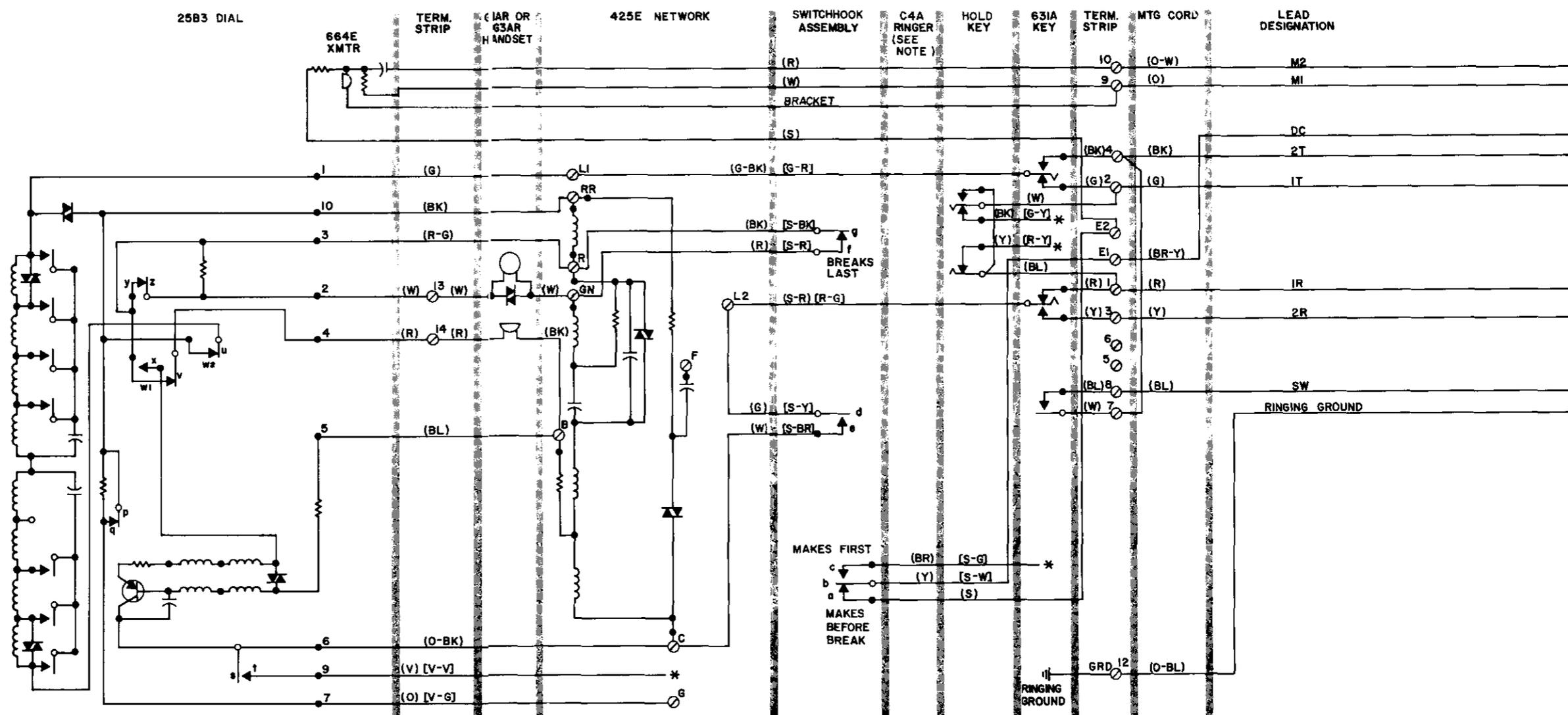
Type Set	Ringer and Leads	Type of Ringing		
		Bridged	Ring Party	Tip Party
511C/D and 558C/D	C4A	S-R	A	A
		S	K	K
		R	1	2
		BK	2	11
1511D	C4A	S-R	A	A
		S	K	K
		BK	2	12
1558D	M1A	S	*	*
		S-R	*	*
		R	K	K
		BK	2	E1
		BL†		2
711, 712, and 1712B	E1A ‡	Term. 6	2§	11§
		Term. 5	1§	2§
751A/B	D1B	S-R	A	A
		S	K	K
		BK	2	11
751C/D 1751C/D	D1E	S-R	A	A
		S	K	K
		BK	2	12

* Insulate and store.
 † Leads are straps from network.
 ‡ The E1A ringer is separately mounted, and paired wire must be run between E1A ringer and 759A loudspeaker.
 § Terminals in 759A loudspeaker.



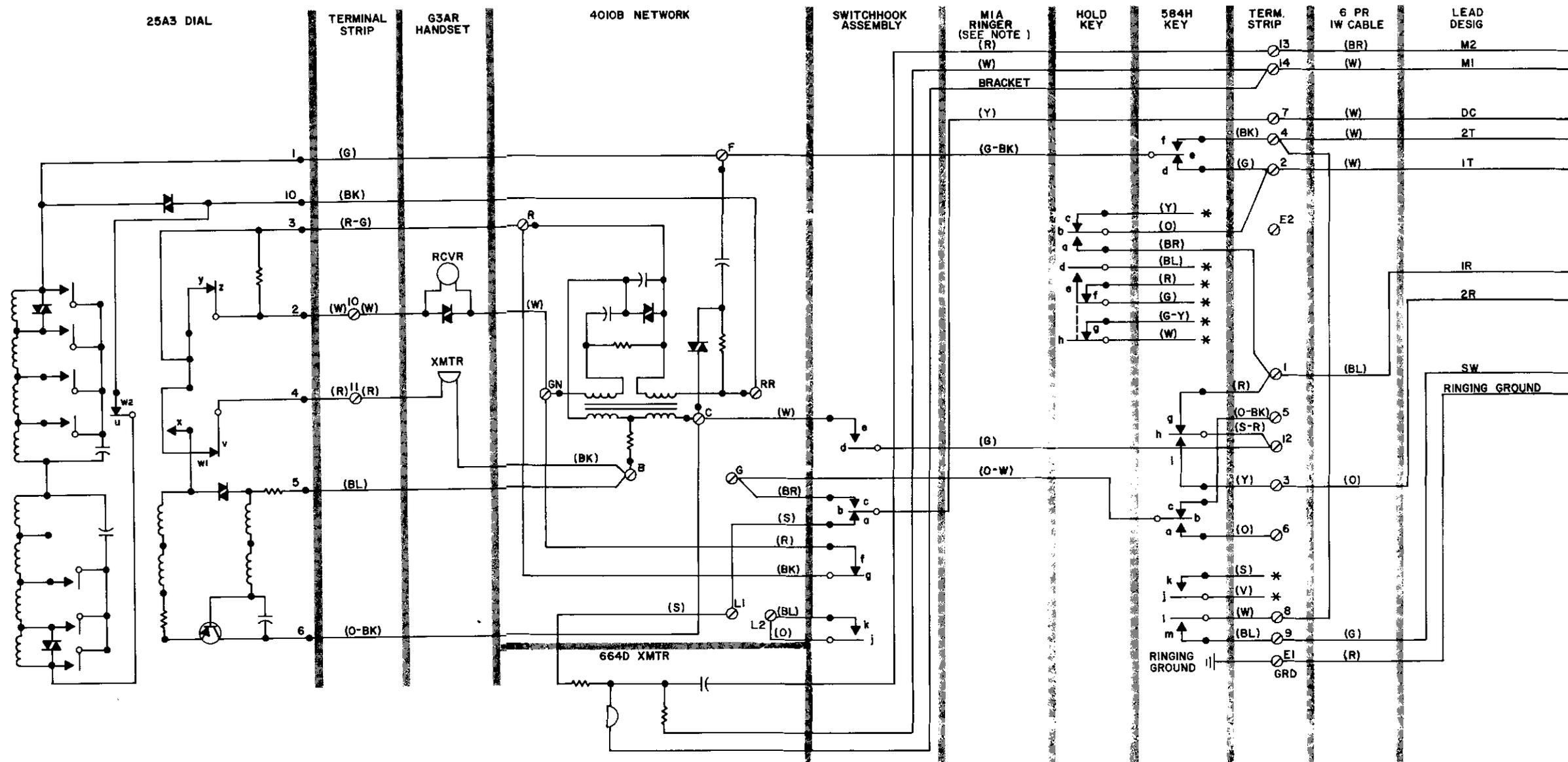
Note 1: See Table K for ringer connections.
 * Insulate and store.
 () Indicates current color code.
 [] Indicates MD color code.

Fig. 9 – 511C/D or 558C/D Telephone Set, Connections to 1A HOME INTERPHONE



Note 1: See Table K for ringer connections.
 * Insulate and store.
 () Indicates current color code.
 [] Indicates MD color code.

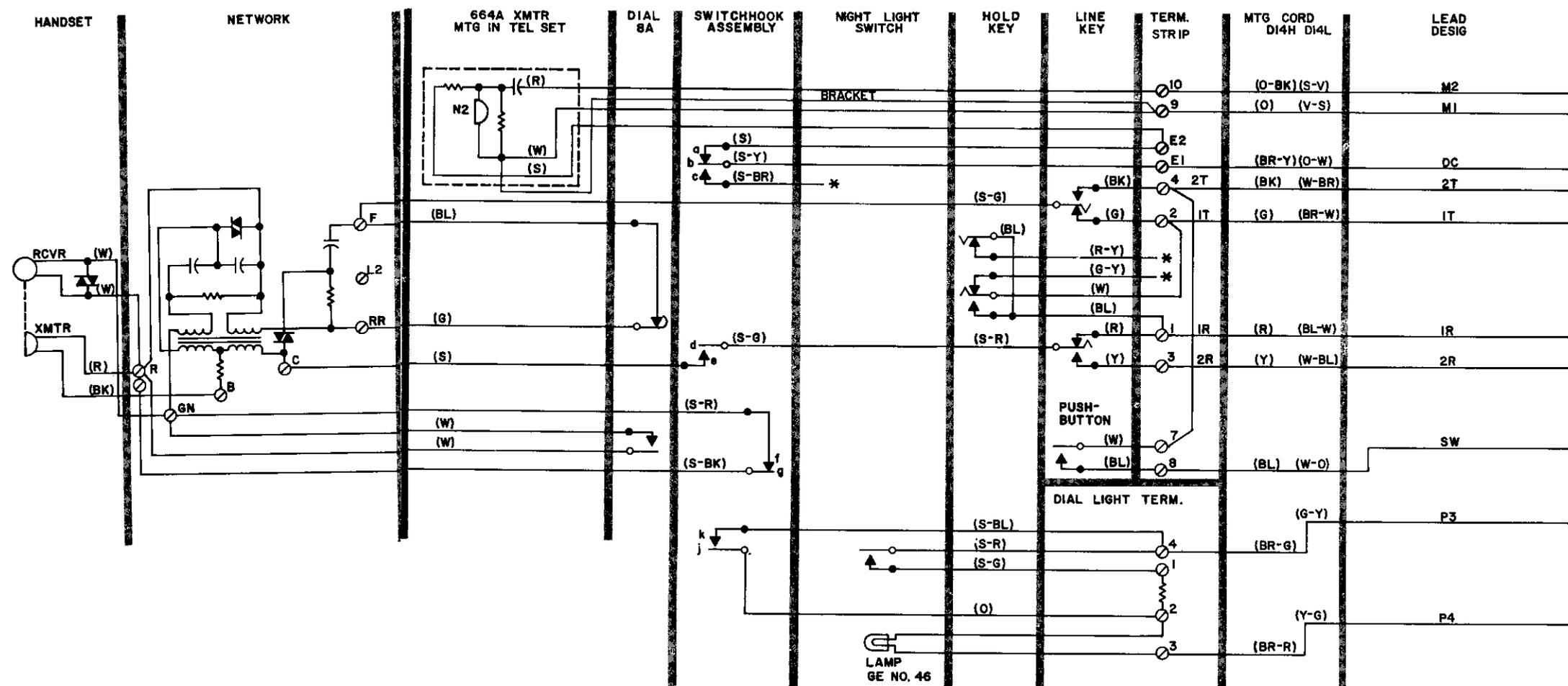
Fig. 10 — 1511D Telephone Set, Connections to 1A HOME INTERPHONE



Note 1: See Table K for ringer connections.

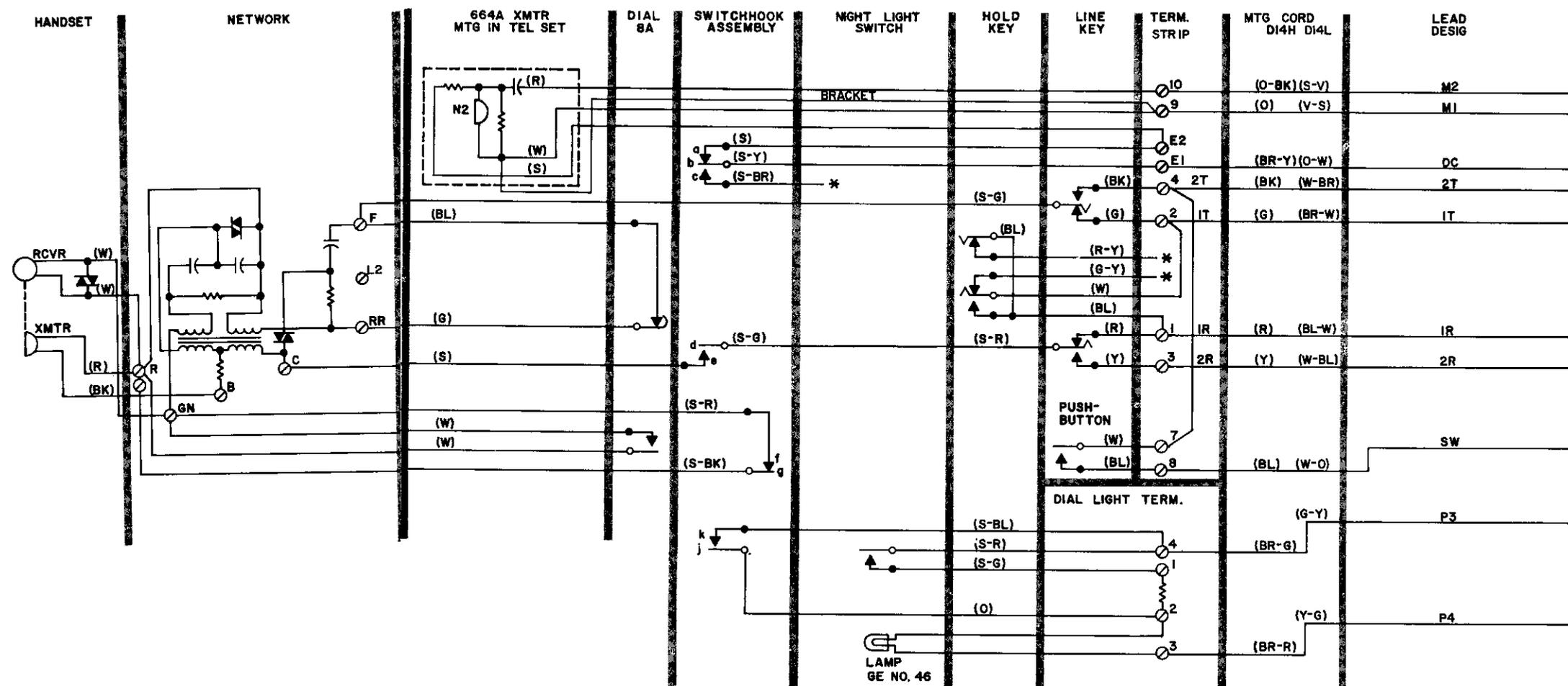
* Insulate and store.

Fig. 11 - 1558D Telephone Set, Connections to 1A HOME INTERPHONE



Note 1: See Table K for ringer connections.
 * Insulate and store.

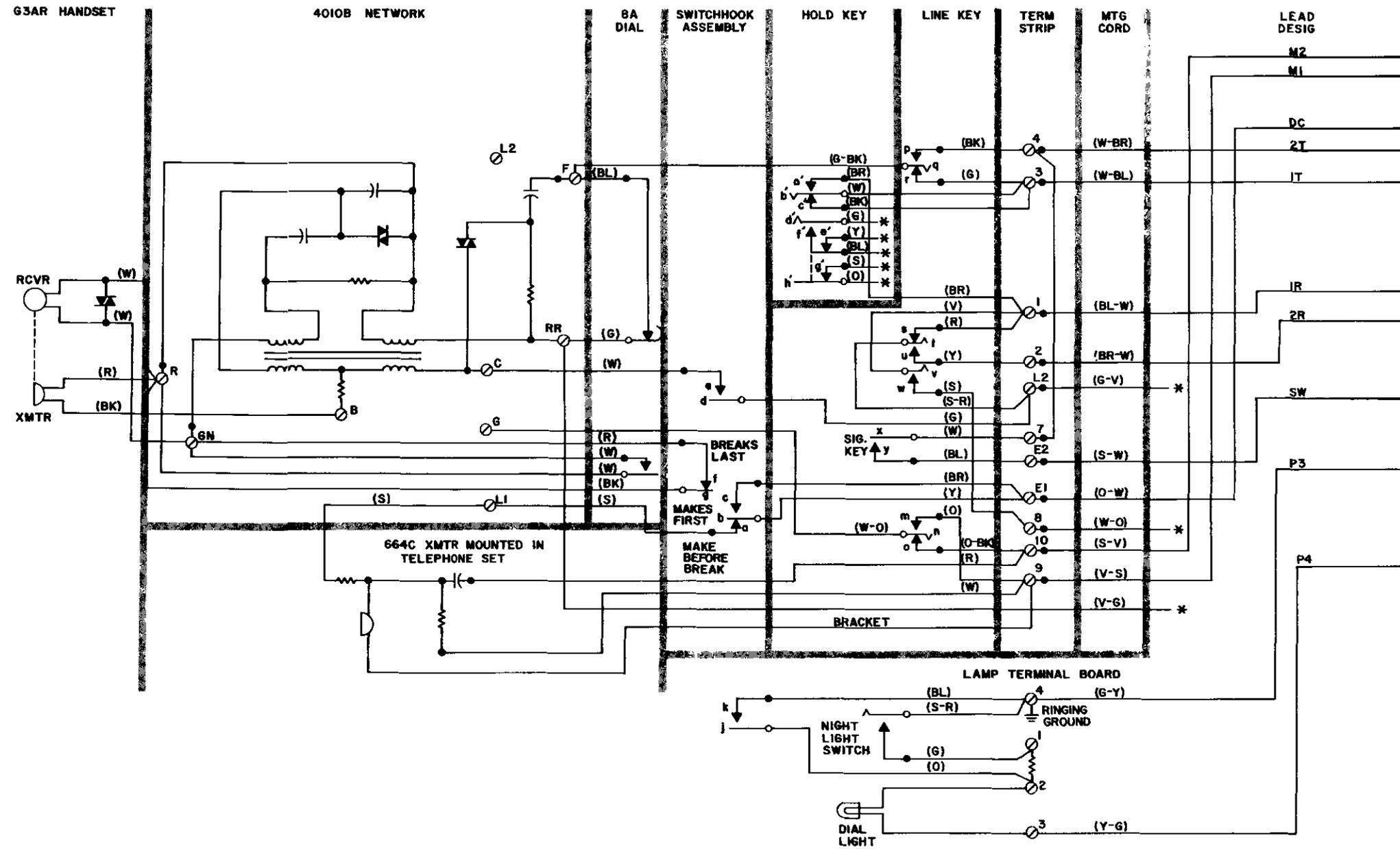
Fig. 12 - 711B Telephone Set, Connections to 1A HOME INTERPHONE



Note 1: See Table K for ringer connections.

* Insulate and store.

Fig. 12 - 711B Telephone Set, Connections to 1A HOME INTERPHONE



Note 1: See Table K for ringer connections.
 * Insulate and store.

Fig. 13 - 712B Telephone Set, Connections to 1A HOME INTERPHONE

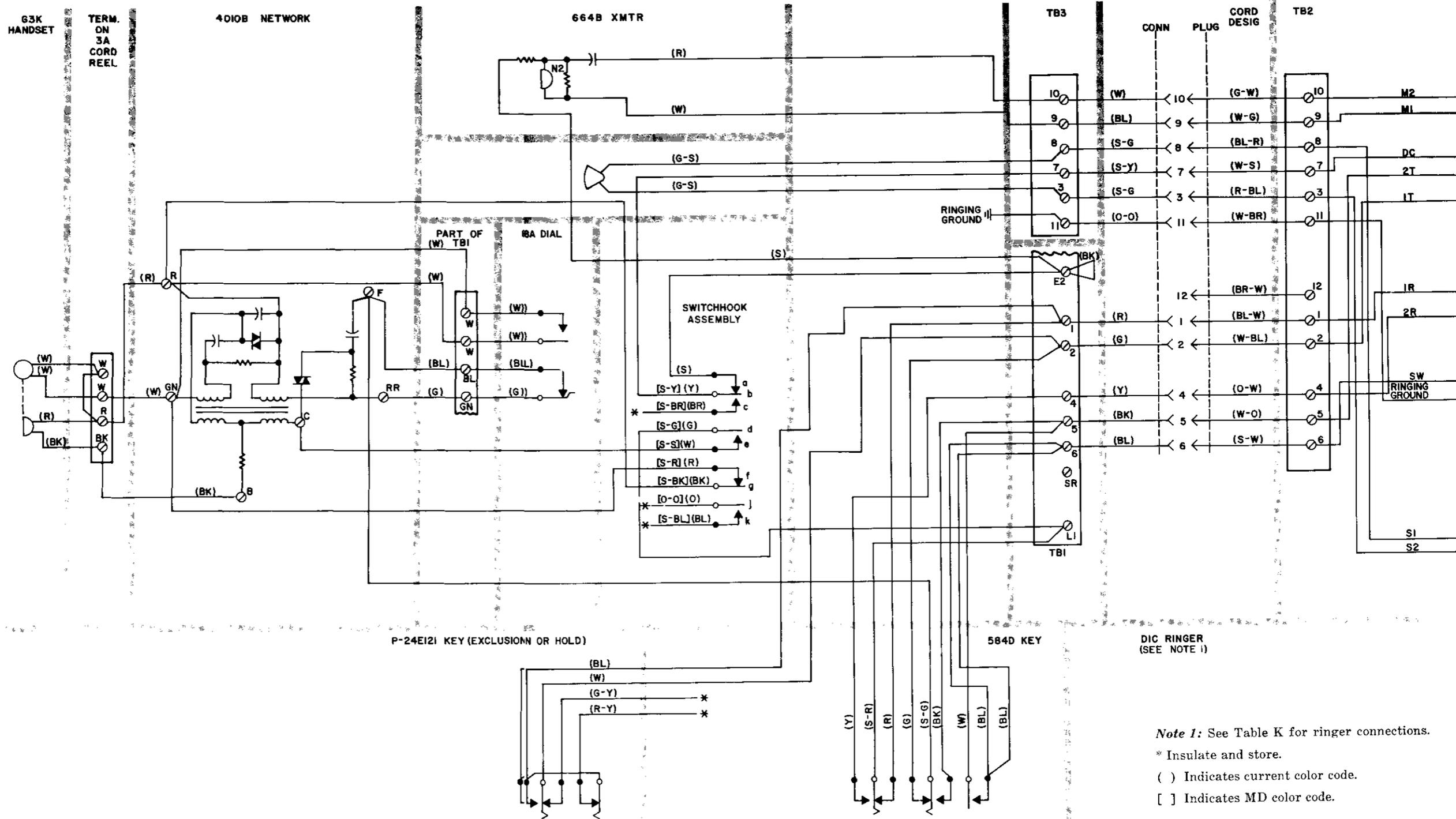


Fig. 15 - 751A/B Telephone Set, Connections to 1A HOME INTERPHONE

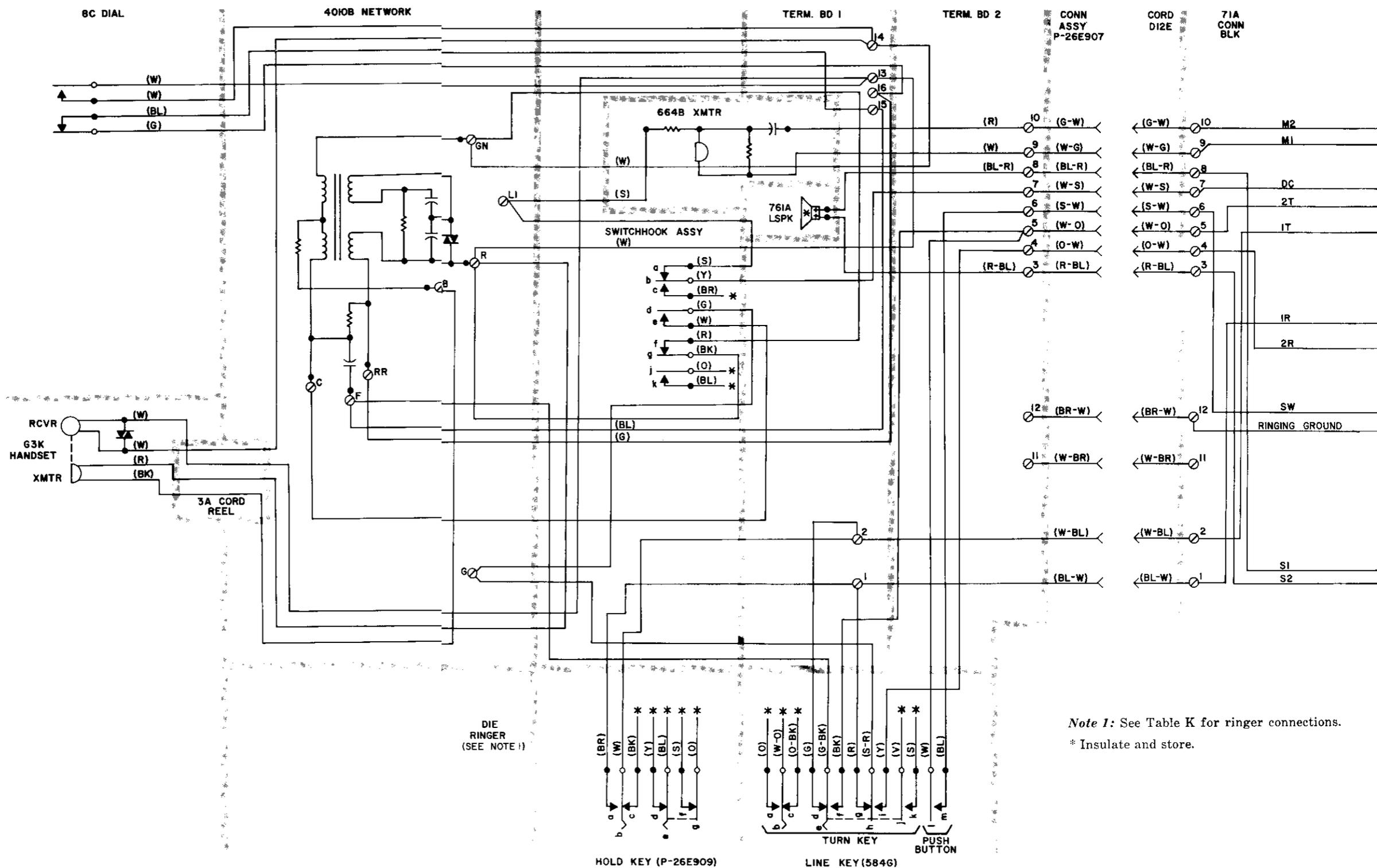


Fig 16 - 751C/D Telephone Set, Connections to 1A HOME INTERPHONE

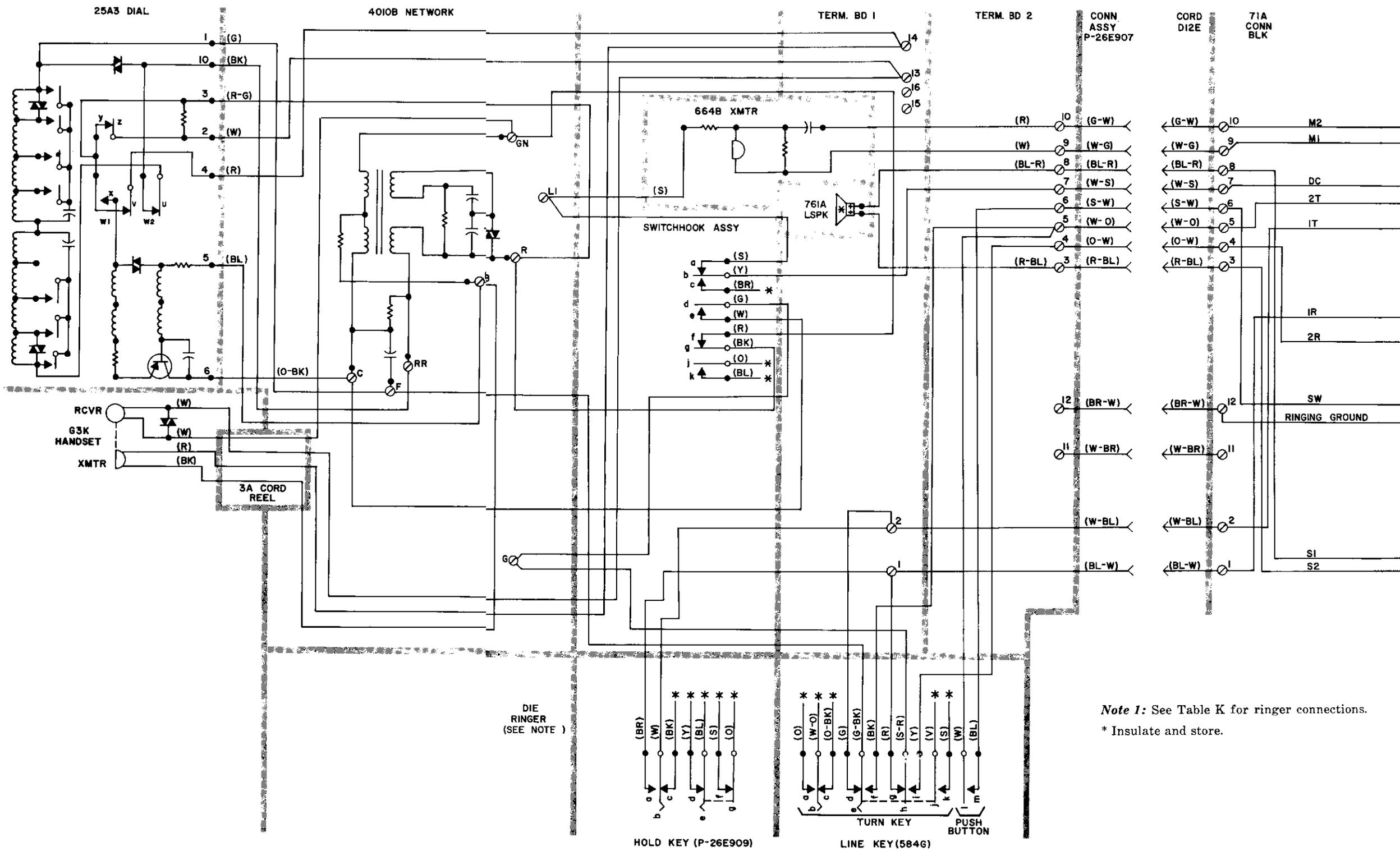
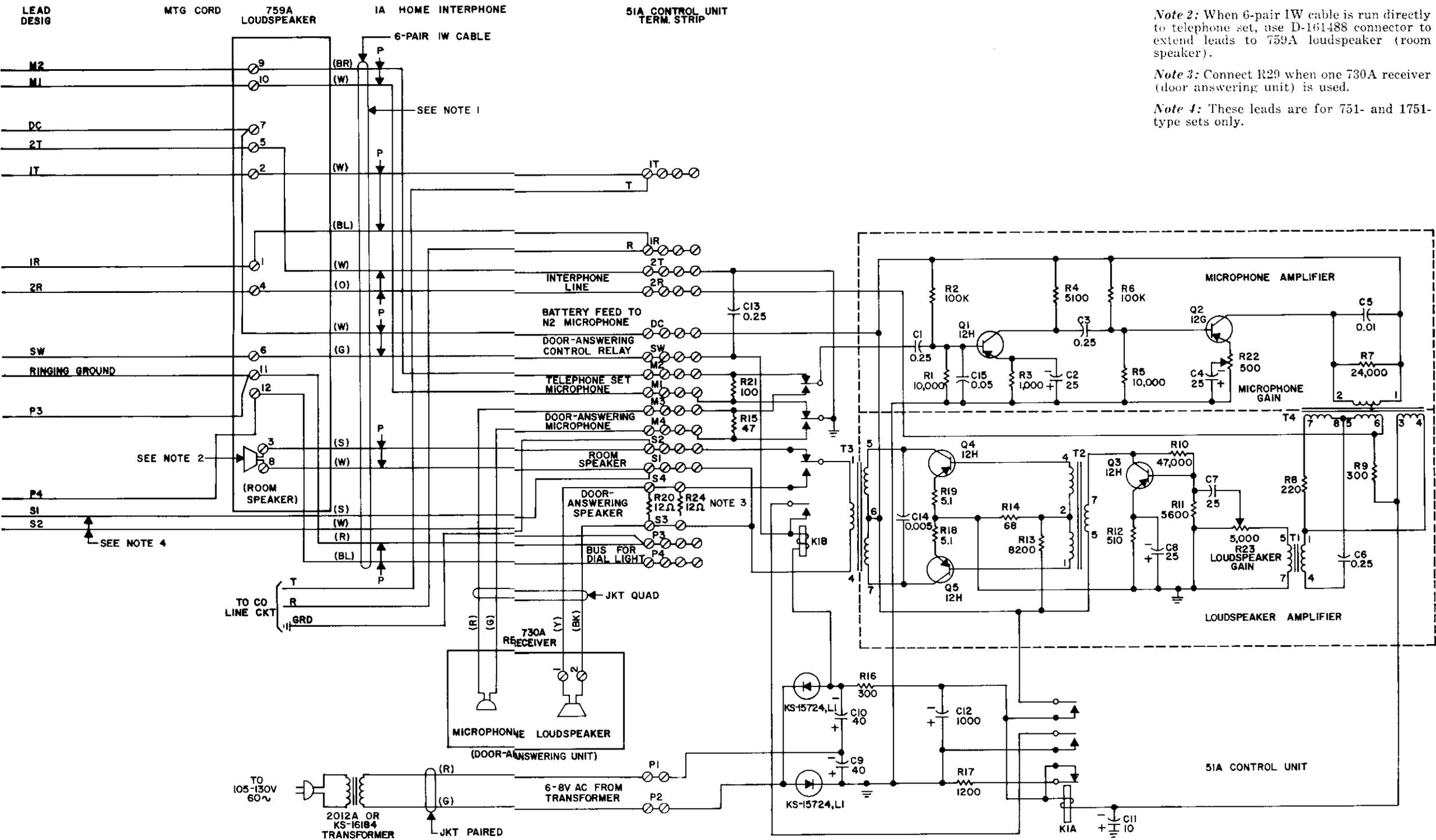


Fig. 17 - 1751-Type Telephone Set, Connections to 1A HOME INTERPHONE



Note 1: For sets not equipped with mounting cords, run 6-pair 1W cable directly to telephone set.

Note 2: When 6-pair 1W cable is run directly to telephone set, use D-161488 connector to extend leads to 759A loudspeaker (room speaker).

Note 3: Connect R29 when one 730A receiver (door answering unit) is used.

Note 4: These leads are for 751- and 1751-type sets only.

Fig. 18 - 51A Control Unit-1A HOME INTERPHONE