BELL SYSTEM PRACTICES AT&TCo Standard

SECTION 502-521-410 Issue 5, November 1980

SERVICE

554A/B, 554F, 554AM, 554BM, 554AMP, AND 554BMP **TELEPHONE SETS**

CONNECTIONS



Refer to Table A for line and ringer 1.03

This section contains information for the 1.01 554A/B (MD) (Fig. 1), 554F (MD) (Fig. 1), 554AM (MD) (Fig. 2), 554BM (MD) (Fig. 3), 554AMP (MD) (Fig. 4), and 554BMP (Fig. 5) telephone sets.

Reissued to: 1.02

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- \bullet Show 554A/B, 554F, 554AM, 554BM, and 554AMP telephone sets rated MD
- Add information on modifying 554BMP set for A Lead control
- Revise Table A.

connections.

Refer to Fig. 6 for set modifications when 1.04 used with a key telephone system.

1.05 If a 28A ringer isolator is required, refer to the appropriate table in Section 501-375-101 for connection information. If a 603A ringing extender is required, refer to Section 501-380-102 for connection information. Whenever four party full selective or eight party semiselective ringing is required, refer to Section 501-320-100 for D-180697 Kit of Parts information.

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NOTICE

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TABLE A

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554A/B, 554F, 554AM, 554BM, 554AMP, AND 554BMP TELEPHONE SET LINE AND RINGER CONNECTIONS

			TERMINAL						
WIRE OR LEAD		COLOR	INDIV OR BRIDGED	RING PARTY	TIP PARTY NO IDENT	TIP PARTY IDENT GROUND			
						NORMAL CONNECTIONS		CONN TO L.L. EQUIP (NOTE 2)	
					GRD	1000 Ω	2650 Ω	1000 Ω	2650 Ω
Inside Wire or 523A Plug Lead	Ring Tip Grd Spare	R G Y BK	L2 L1 G *	L2 L1 G *	L1 L2 G *	L1 L2 G *	L1 L2 G *	L1 L2 G *	L1 L2 G *
in Set									
Line Switch		S	L2	L2	L2	Α	Α	Α	Α
Ringer Leads (Notes 1 And 3		R BK S S-R	L2 L1 K A	L2 G K	L2 G K A	K G B R	B B K C	B B G K	G K B R

Note 1. To silence ringer for all classes of service, refer to appropriate section in Division 501.

Note 2. If bell taps on stations connected to long line equipment, use these connections to retain tip party ground identification.

Note 3. When grounded ringer arrangments are used on 96 volt long line circuits, a D-180036 ringer isolator must be used.

* Insulate and store

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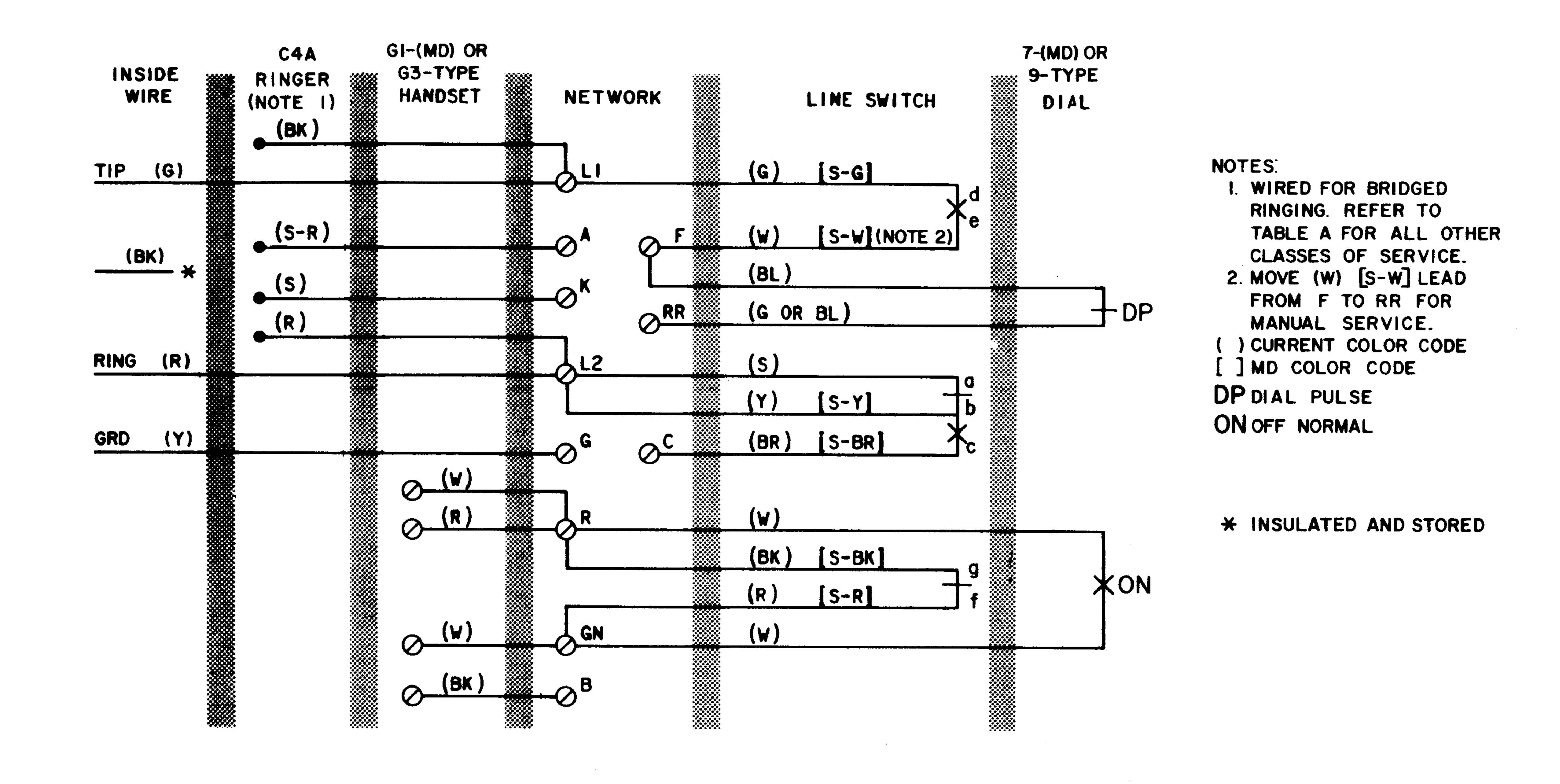
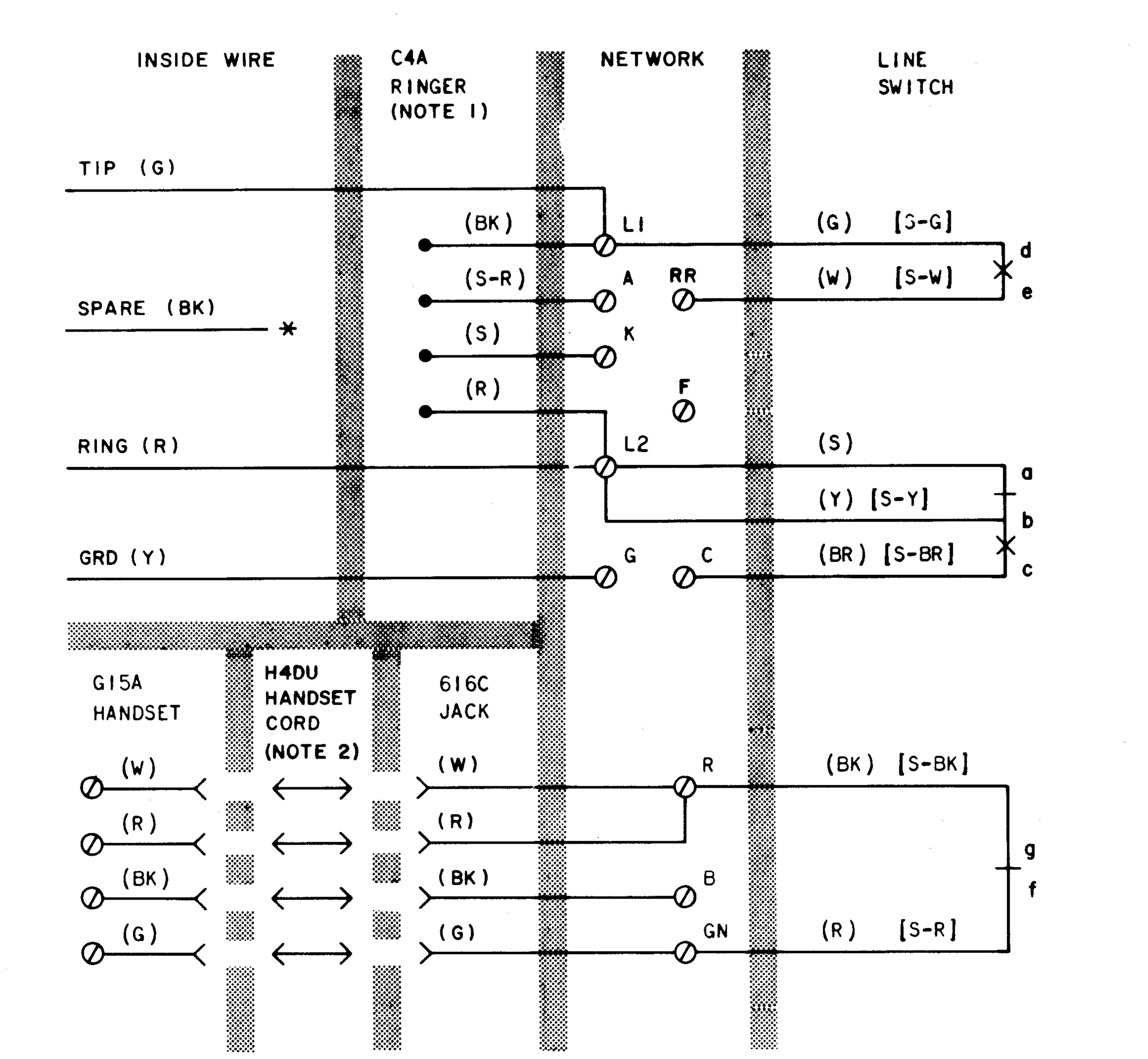


Fig. 1—\$554A/B (MD) and 554F (MD) Telephone Sets, Connections\$

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NOTES:

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I.WIRED FOR BRIDGED RINGING. REFER TO TABLE A FOR ALL OTHER CLASSES OF SERVICE. 2. H4DU HANDSET CORD MUST BE ORDERED SEPARATELY. ¥ INSULATED AND STORED () CURRENT COLOR CODE
] MD COLOR CODE

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Fig. 2—\$554AM (MD) Telephone Set, Connections

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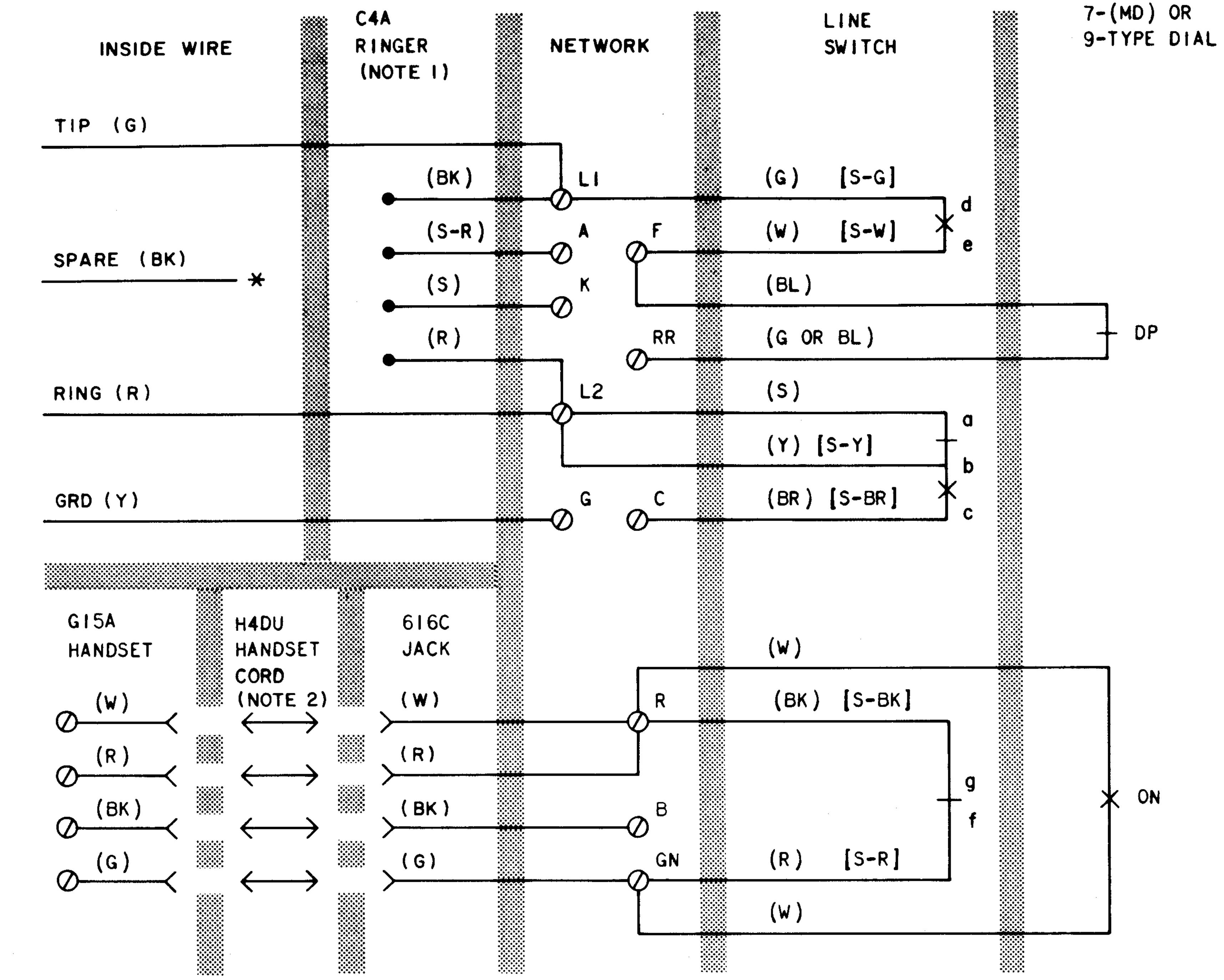
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NOTES:

LWIRED FOR BRIDGED RINGING. REFER TO TABLE A FOR ALL OTHER CLASSES OF SERVICE. 2. HADU HANDSET CORD MUST BE ORDERED SEPARATELY.

CURRENT COLOR CODE MD COLOR CODE DP - DIAL PULSE ON - DIAL OFF-NORMAL

Fig. 3—\$554BM (MD) Telephone Set, Connections

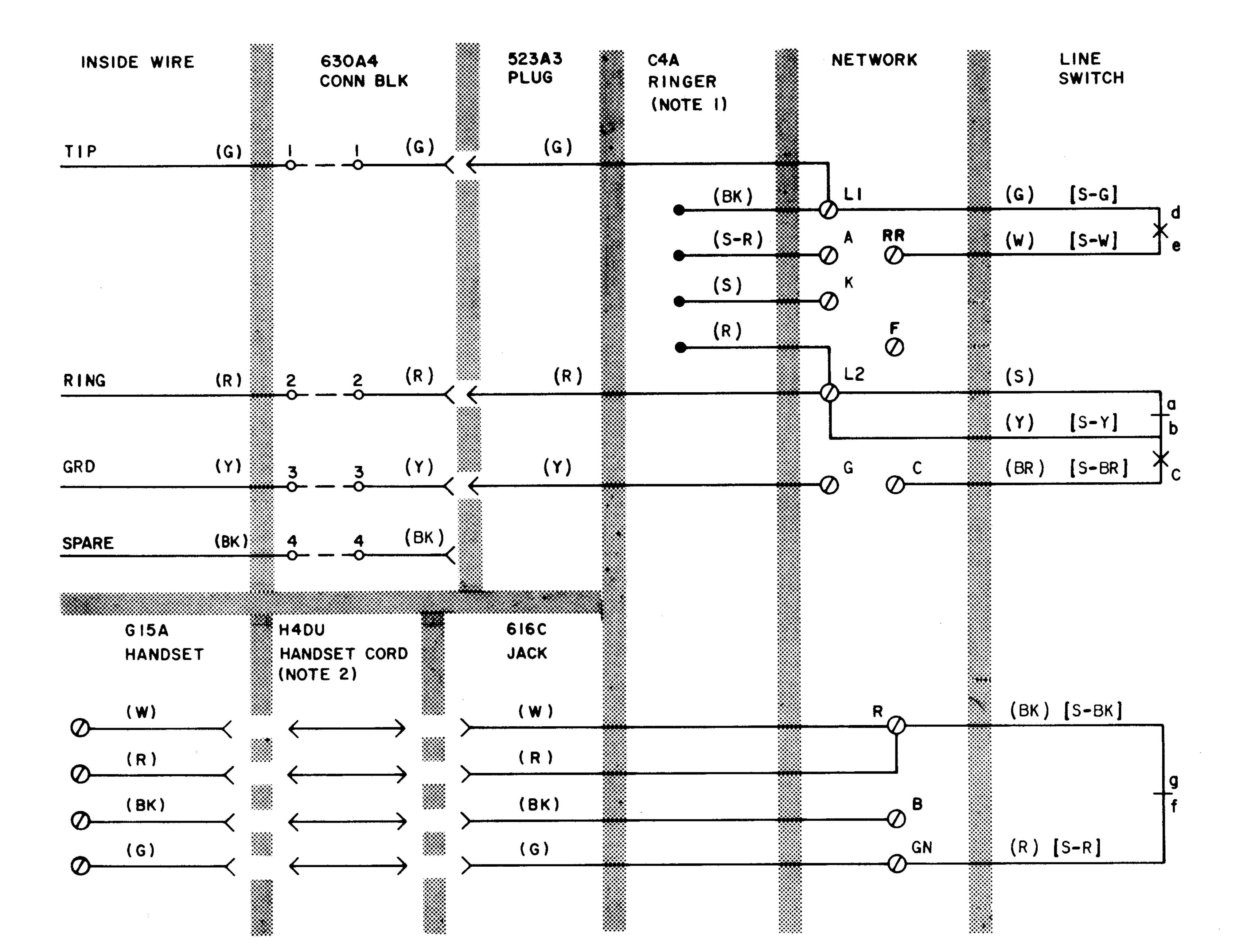
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I.WIRED FOR BRIDGED RINGING. REFER TO TABLE A FOR ALL OTHER CLASSES OF SERVICE. 2.H4DU HANDSET CORD MUST BE ORDERED SEPARATELY.) CURRENT COLOR CODE] MD COLOR CODE

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Fig. 4—\$554AMP (MD) Telephone Set, Connections

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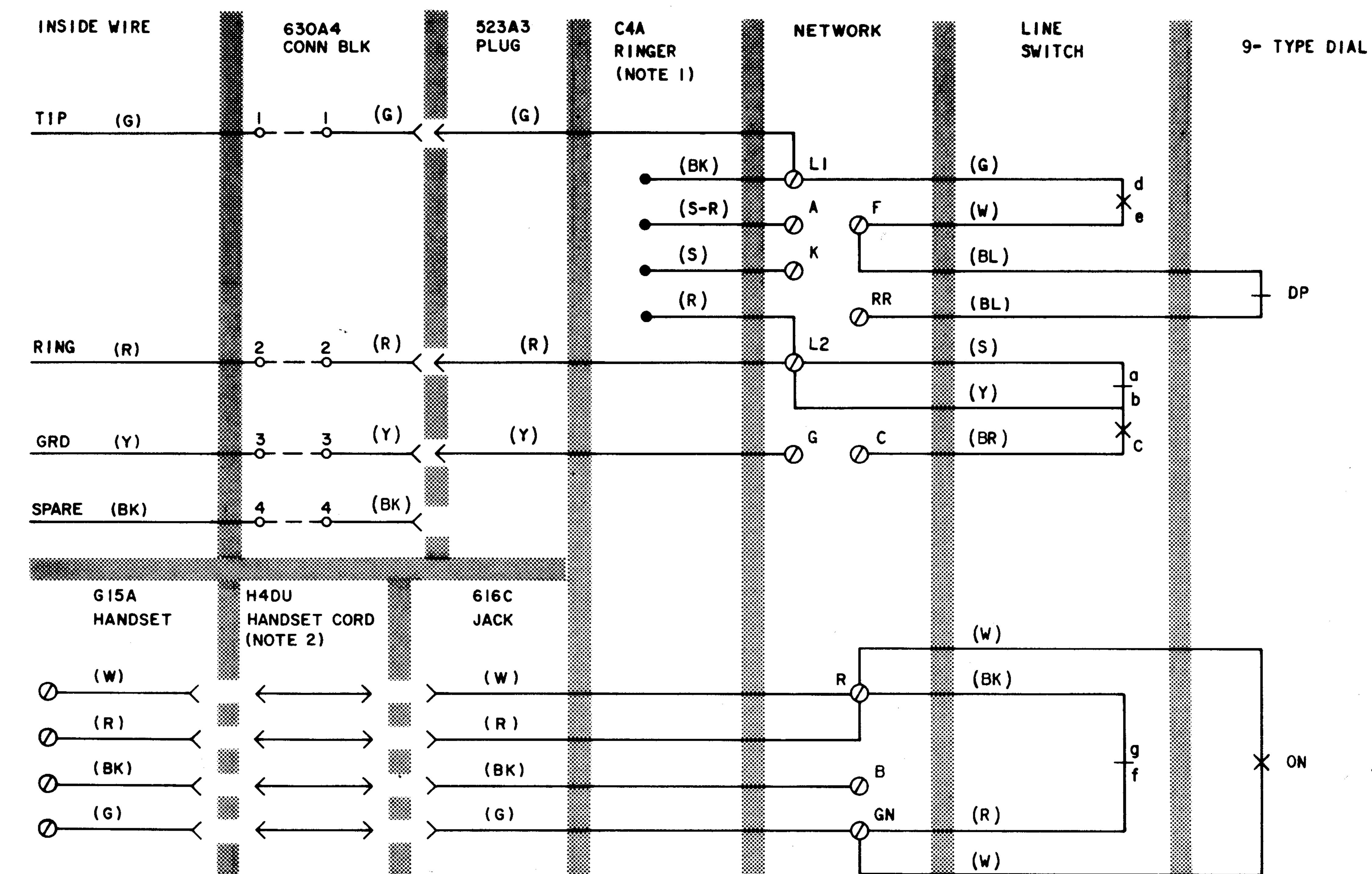
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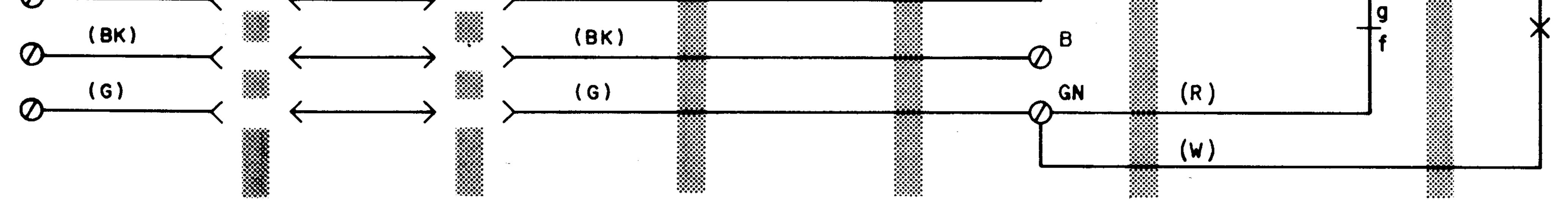
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NOTES:

I. WIRED FOR BRIDGED RINGING. REFER TO TABLE A FOR ALL OTHER CLASSES OF SERVICE. 2. H4DU HANDSET CORD MUST BE ORDERED SEPARATELY.

DP - DIAL PULSE ON - DIAL OFF-NORMAL

Fig. 5—\$554BMP Telephone Set, Connections

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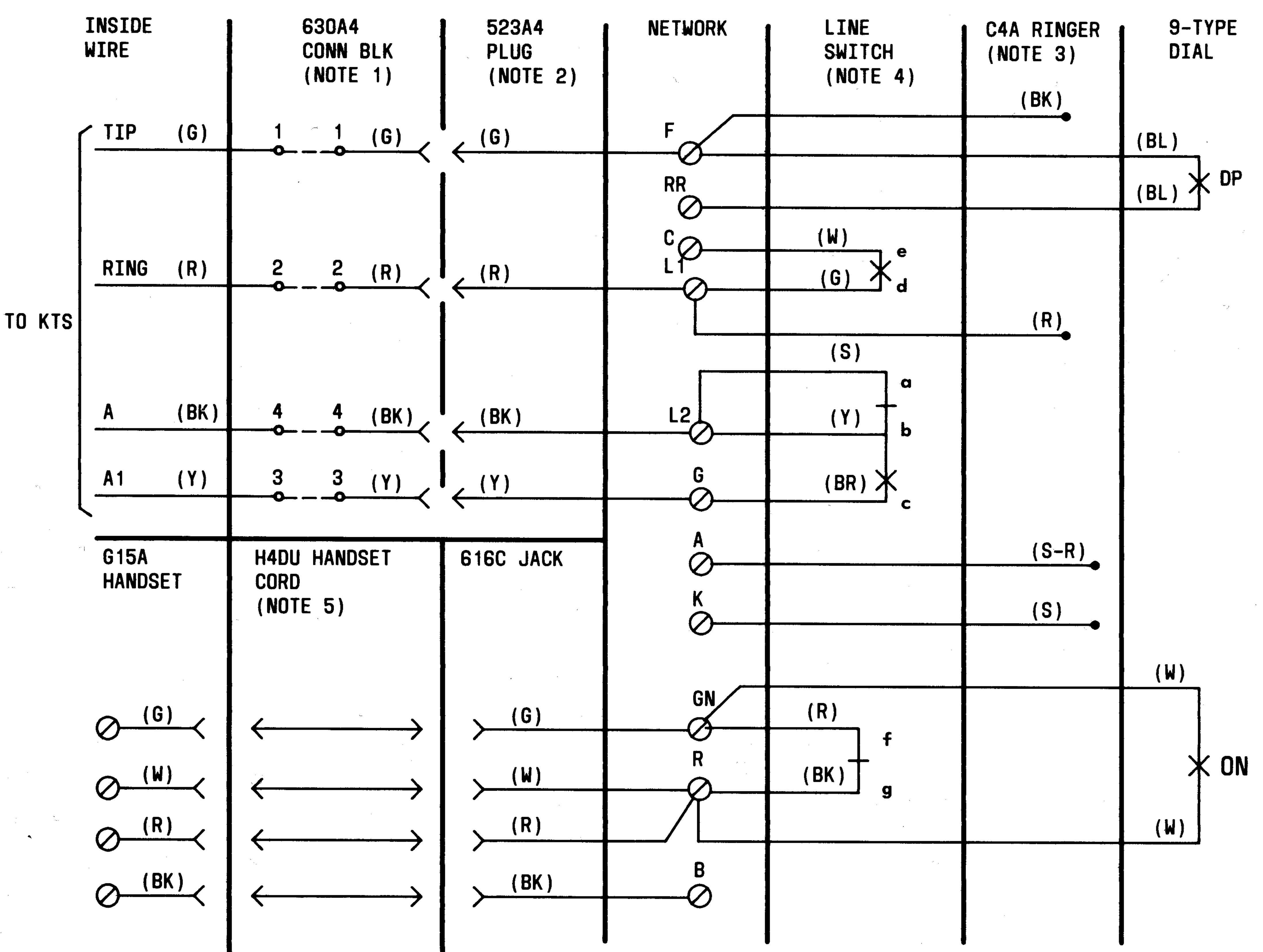
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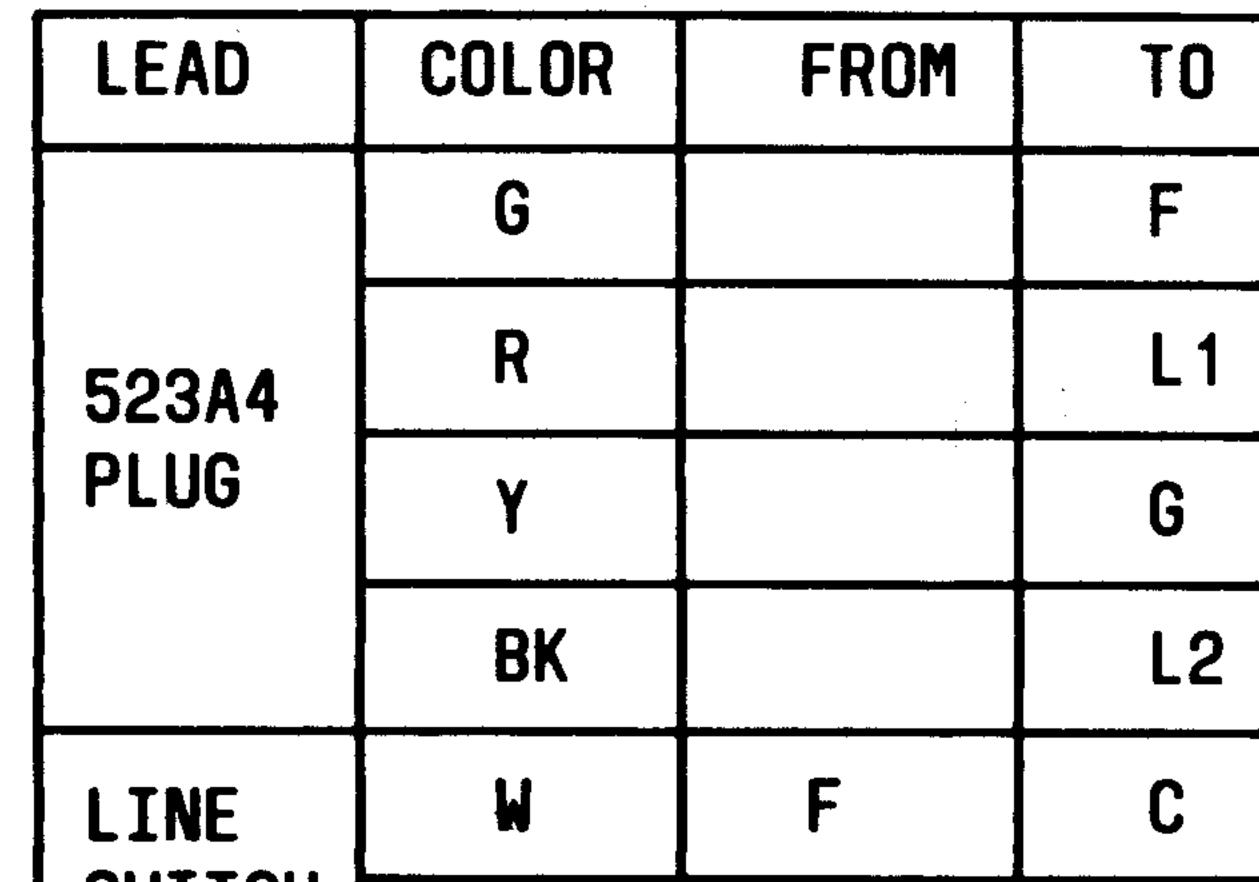
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SET MODIFICATION



NOTES:

- 1. QUICK CONNECT TERMINALS ON 630A4 CONNECTING BLOCK.
- 2. REPLACE 523A3 PLUG WITH 523A4 PLUG.

ORDERED SEPERATELY.

- 3. WIRED FOR INDIVIDUAL OR BRIDGED RINGING.
- 4. TO PREVENT FALSE HOLD CONDITION WHEN GOING ON-HOOK. THE RING CONTACTS OF THE LINE SWITCH MUST BREAK BEFORE "A" LEAD CONTACTS. (FIELD ADJUSTMENT OF LINE SWITCH NOT RECOMMENDED).
- 5. H4DU CORD MUST BE ORDERED SEPARATELY.

SWITCH	BR	C	G	
RINGER	R	L2	L1	
	BK	L1	F	

DP-DIAL PULSE ON-OFF NORMAL

Fig. 6—\$554BMP Telephone Set Modified for A-Lead Control

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