

## SPEAKERPHONE SYSTEMS—3 TYPE

### 0 TO 1 BUTTON TELEPHONE SETS

#### CONNECTIONS

#### 1. GENERAL

**1.01** This section shows connections between components in the 3-type speakerphone system and 0- to 1-button telephone sets. It also provides information for modifying the 55A control unit to operate with TOUCH-TONE dial telephone sets.



*Make outgoing calls with wall and PRINCESS type telephone sets with handset off-hook and transfer to the speakerphone when dialing is completed. To transfer, depress the ON button of the 666-type transmitter and hold down until handset is returned to the cradle.*

**1.02** This section is reissued to show that the D6AB cord is used with the 701B telephone set.

**1.03** Notes and footnotes for all connection drawings are located on Page 14.

**1.04** The 55A control unit should be modified as shown in Fig. 14 when used with a TOUCH-TONE dial telephone set.

#### 2. CONNECTION FIGURES INDEX

Fig. 1 - 211N and P Telephone Sets

Fig. 2 - 500R and S Telephone Sets

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Fig. 13 - 1712B Telephone Set

Fig. 14 - Modification of 55A Control Unit for use with TOUCH-TONE Dial Telephone Sets



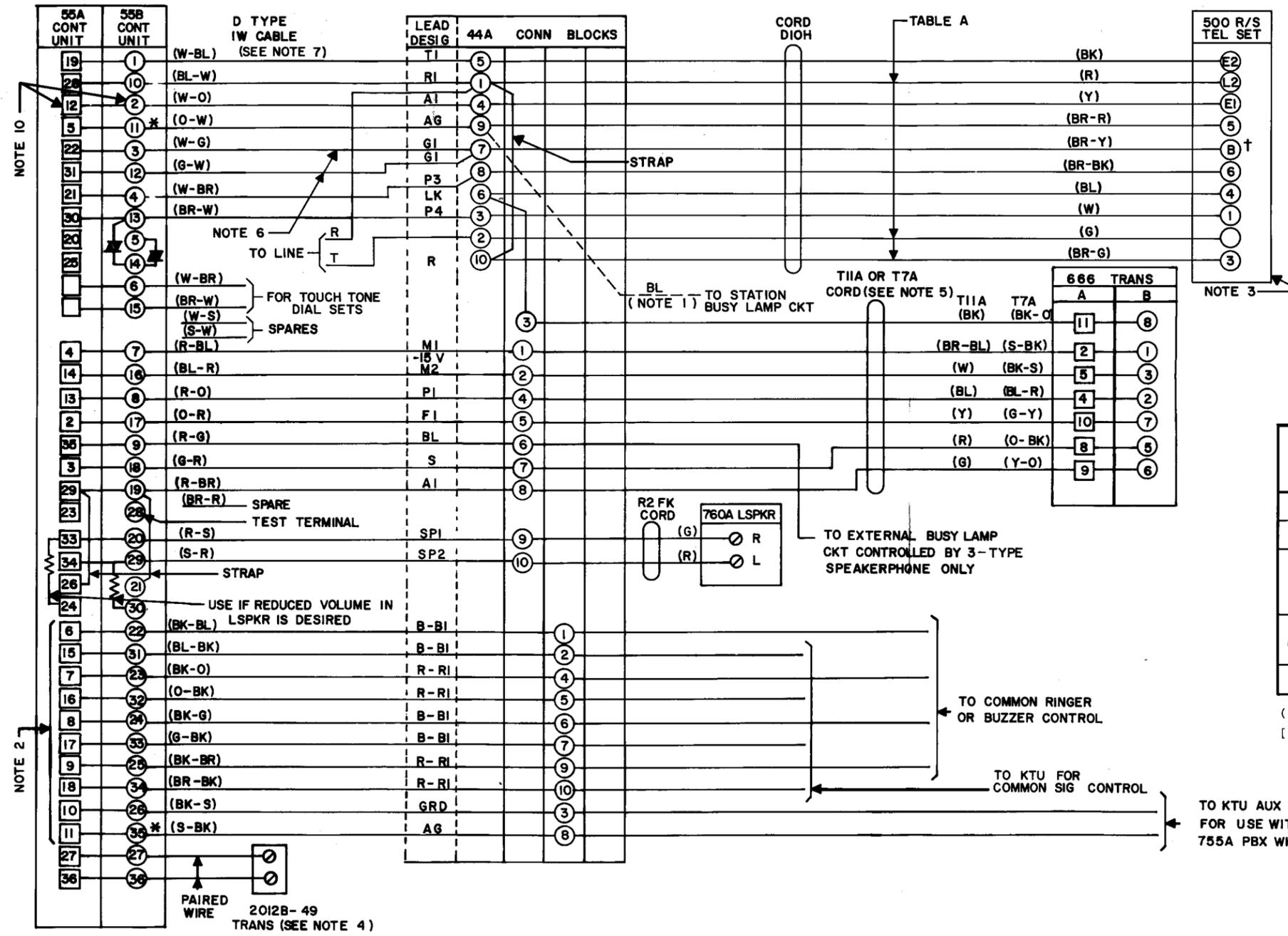


TABLE A  
LINE AND RINGER CONNECTIONS

WIRE OR LEAD	INDIVIDUAL OR BRIDGED		RINGER PARTY		NO IDENT GROUND		TIP PARTY IDENTIFYING GROUND			
	DIAL	MAN.	DIAL	MAN.	DIAL	MAN.	1000 OHMS		2650 OHMS	
							DIAL	MAN.	DIAL	MAN.
MOUNTING CORD IN SET	G	G	F	E2	F	E2	F	E2	F	E2
MOVE GN LEAD FROM G TERM. TO	F	E2	E1	E1	E1	E1	E1	E1	E1	E1
RINGER LEADS	R	L2	L2	L2	L2	L2	K	B		
	BK	G	G	G	G	G	B	B		
	S	K	K	K	K	K	B	K		
	S-R	A	A	A	A	A	B	G		
MOUNTING CORD AT CONNECTING BLOCK	R	RING	RING	TIP	TIP	TIP	TIP	TIP		
	G	TIP	TIP	RING	RING	RING	RING	RING		
SWITCHHOOK LEAD IN SET	(W-S) [S-BR]	2	2	2	2	A OF NETWORK	A OF NETWORK			

( ) INDICATES CURRENT COLOR CODE  
[ ] INDICATES MD COLOR CODE

Fig. 2 - 500R and S Telephone Sets

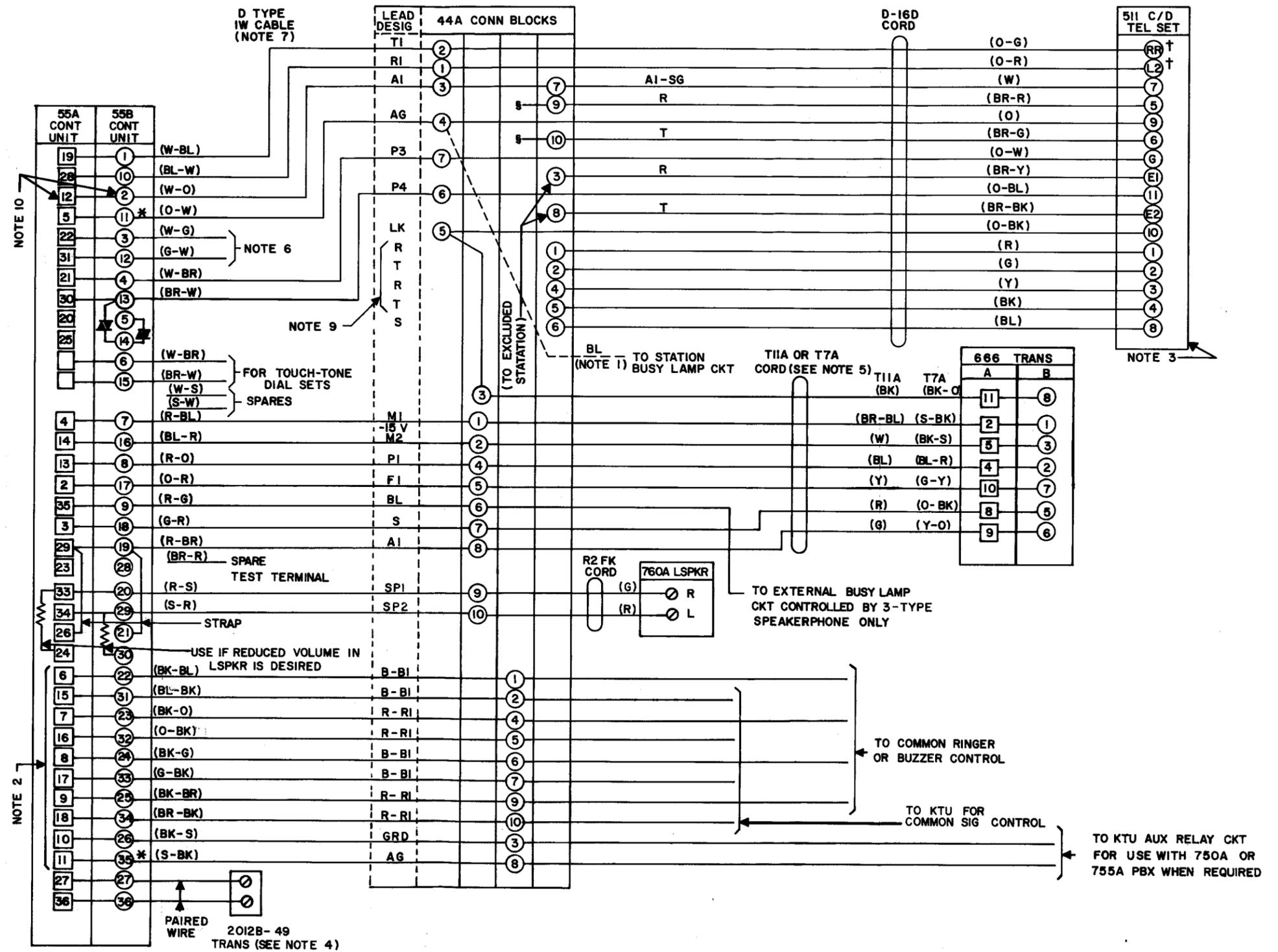


Fig. 3 - 511C and D Telephone Sets

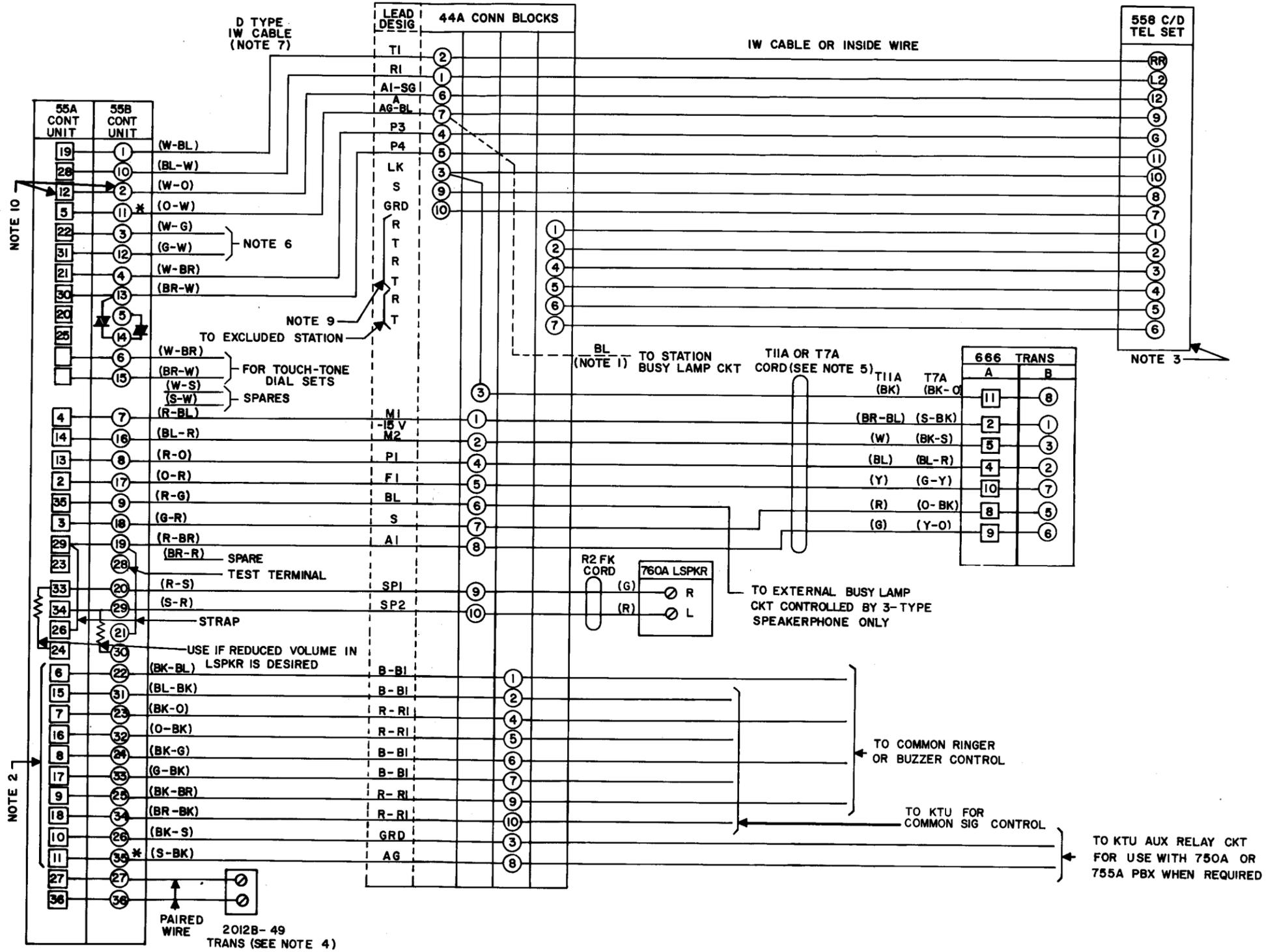


Fig. 4 - 558C and D Telephone Sets

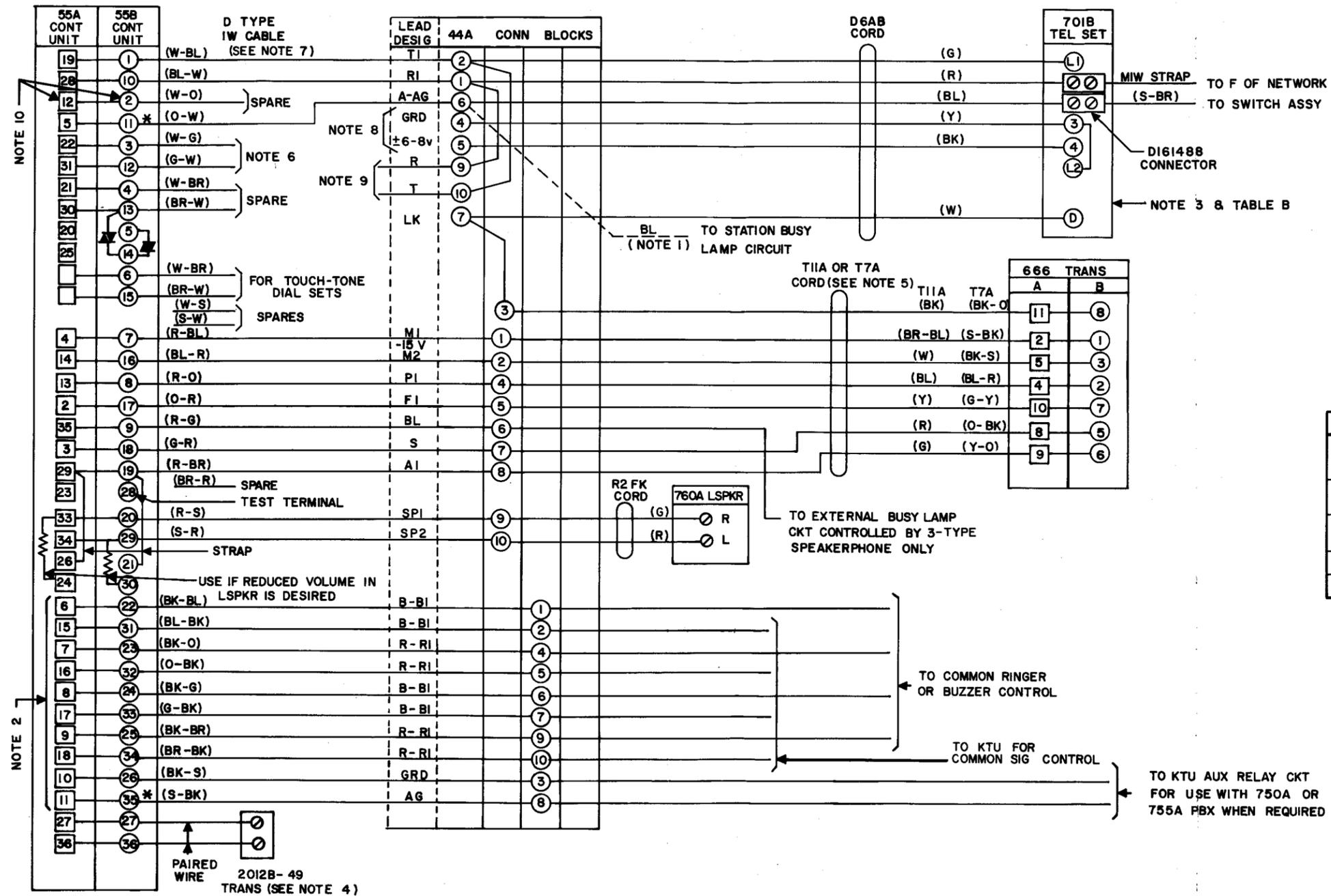


TABLE B  
MODIFICATION OF 701B TELEPHONE SET FOR USE WITH 3A SPEAKERPHONE

MOVE	FROM	TO
S-BR SWITCH ASSEMBLY	C NETWORK	BL MTG CORD (USE D-161488 CONNECTOR)
BL MTG CORD	4 TERM. STRIP	S-BR SWITCH ASSEMBLY
S-W SWITCH ASSEMBLY	F NETWORK	C NETWORK
R MTG CORD	L2 TERM. STRIP	F NETWORK
PLACE STRAP	3 TERM. STRIP	L2 TERM. STRIP

Fig. 5 - 701B Telephone Set

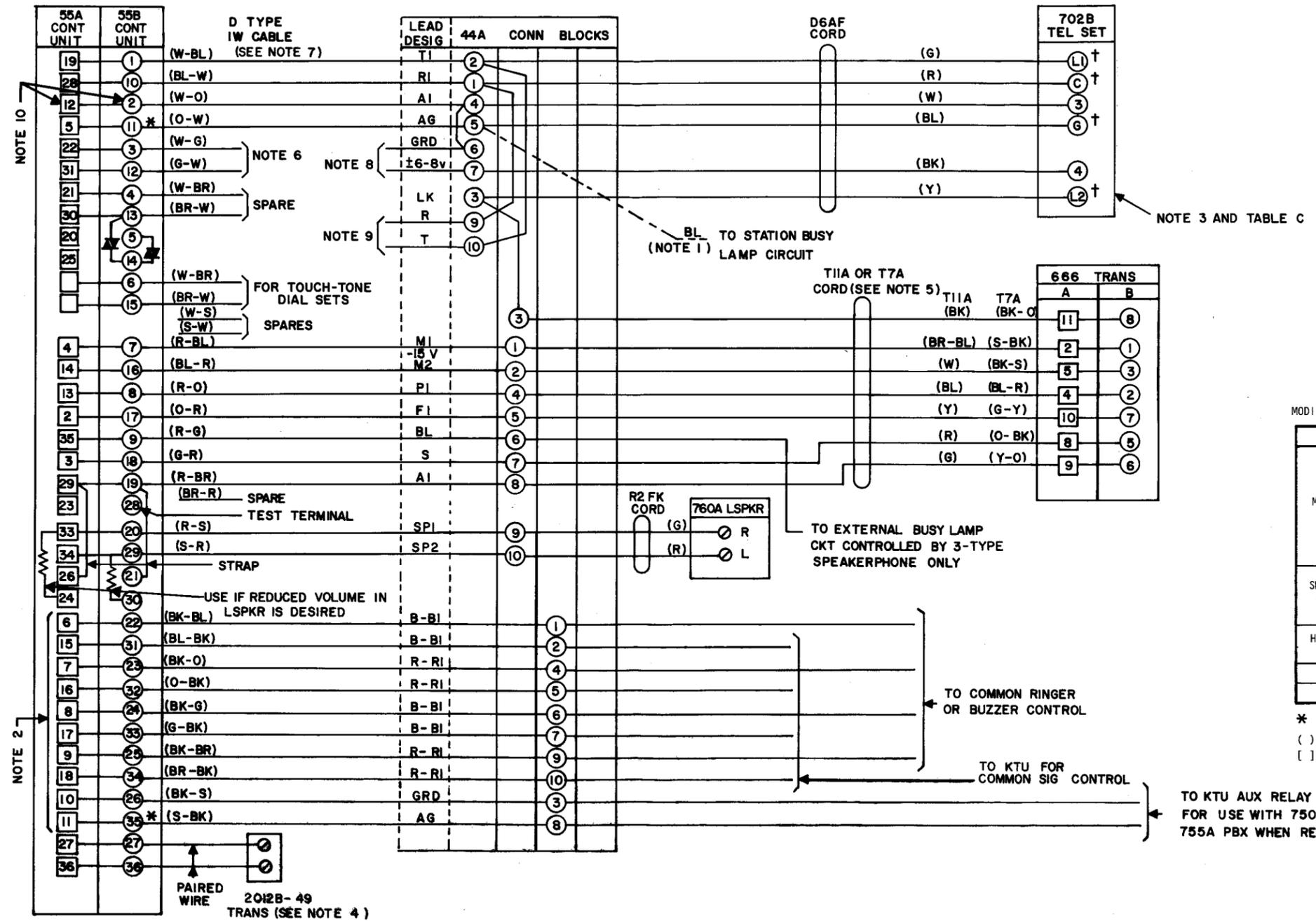


TABLE C  
MODIFICATIONS FOR USE WITH 3A SPEAKERPHONE

LEAD OR CONDUCTOR	FROM	TO	
D6AF MOUNTING CORD	R	L2	C
	BL		G
	Y	G	L2
	G		L1
	W		3
SWITCHHOOK ASSEMBLY	(Y) [S-Y]	L2	3
	S	A	L2
H TERMINAL NETWORK	(BR) [S-BR]	C	6
	S-BK	A	*
STRAP		A	C
RINGER	BK	G	L1

\* INSULATE AND STORE  
( ) INDICATES CURRENT COLOR CODE  
[ ] INDICATES MD COLOR CODE

Fig. 6 - 702B Telephone Set

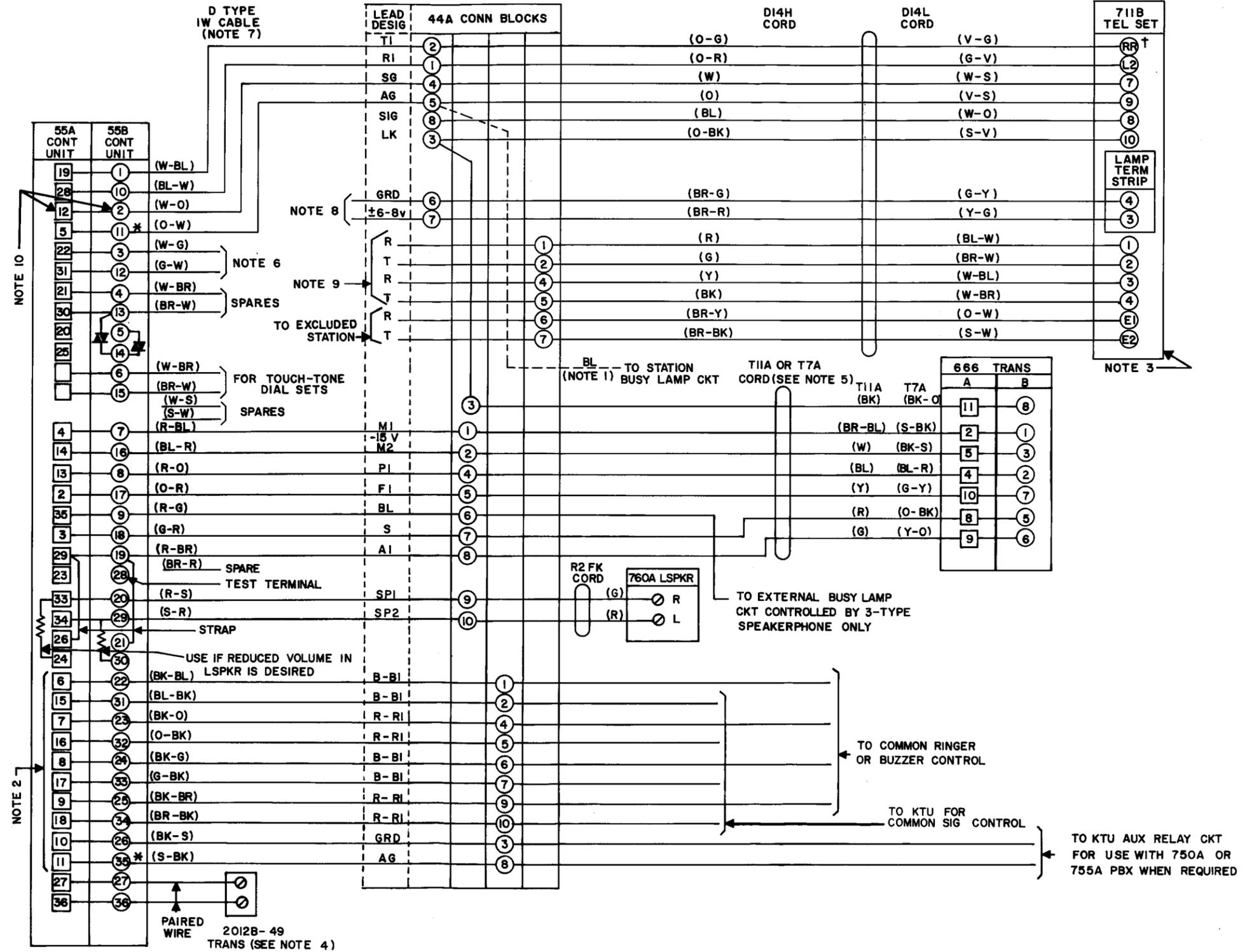


Fig. 7 - 711B Telephone Set

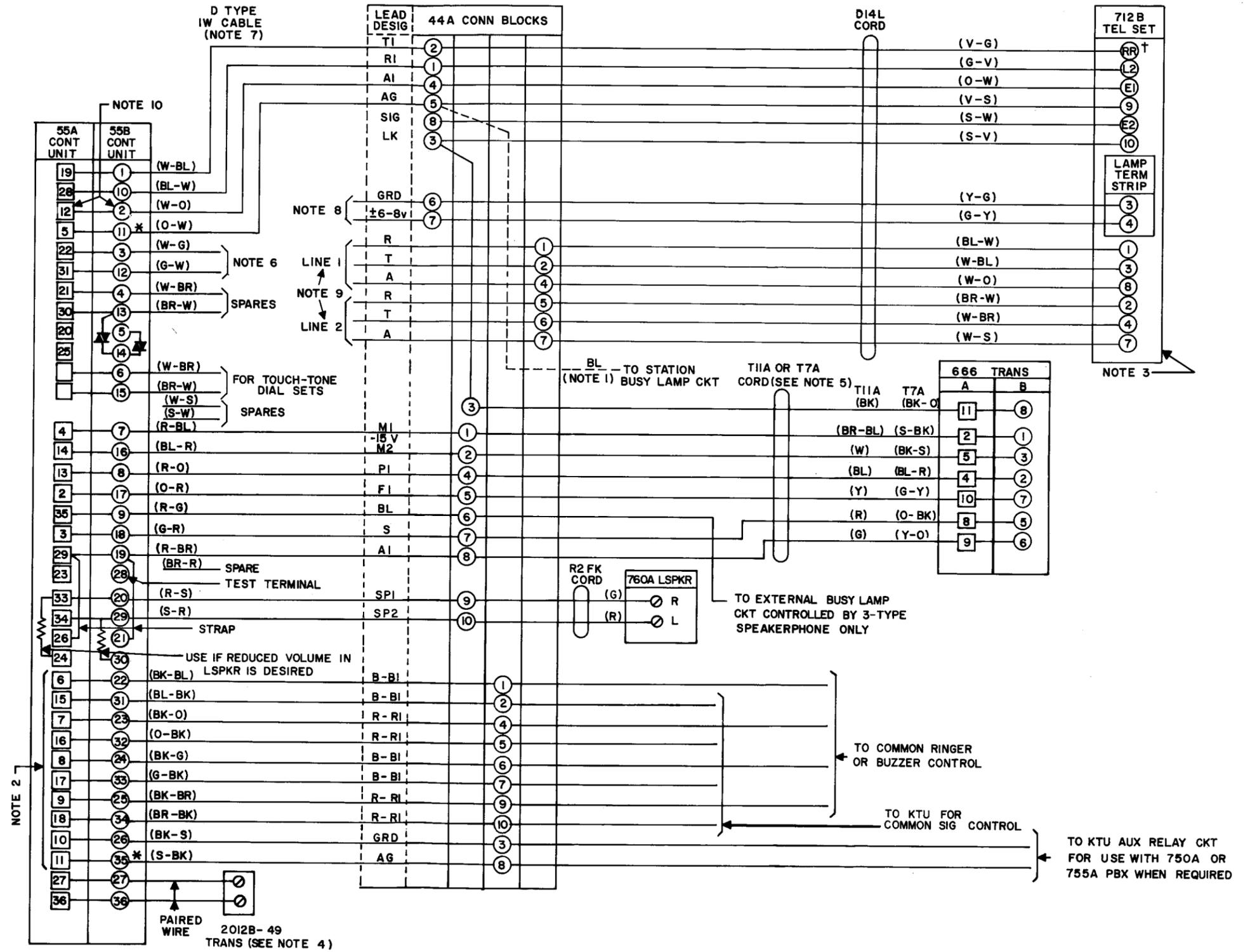


Fig. 8 - 712B Telephone Set

STOP H-20  
S/W LK

W51  
spare

34 36  
GN R

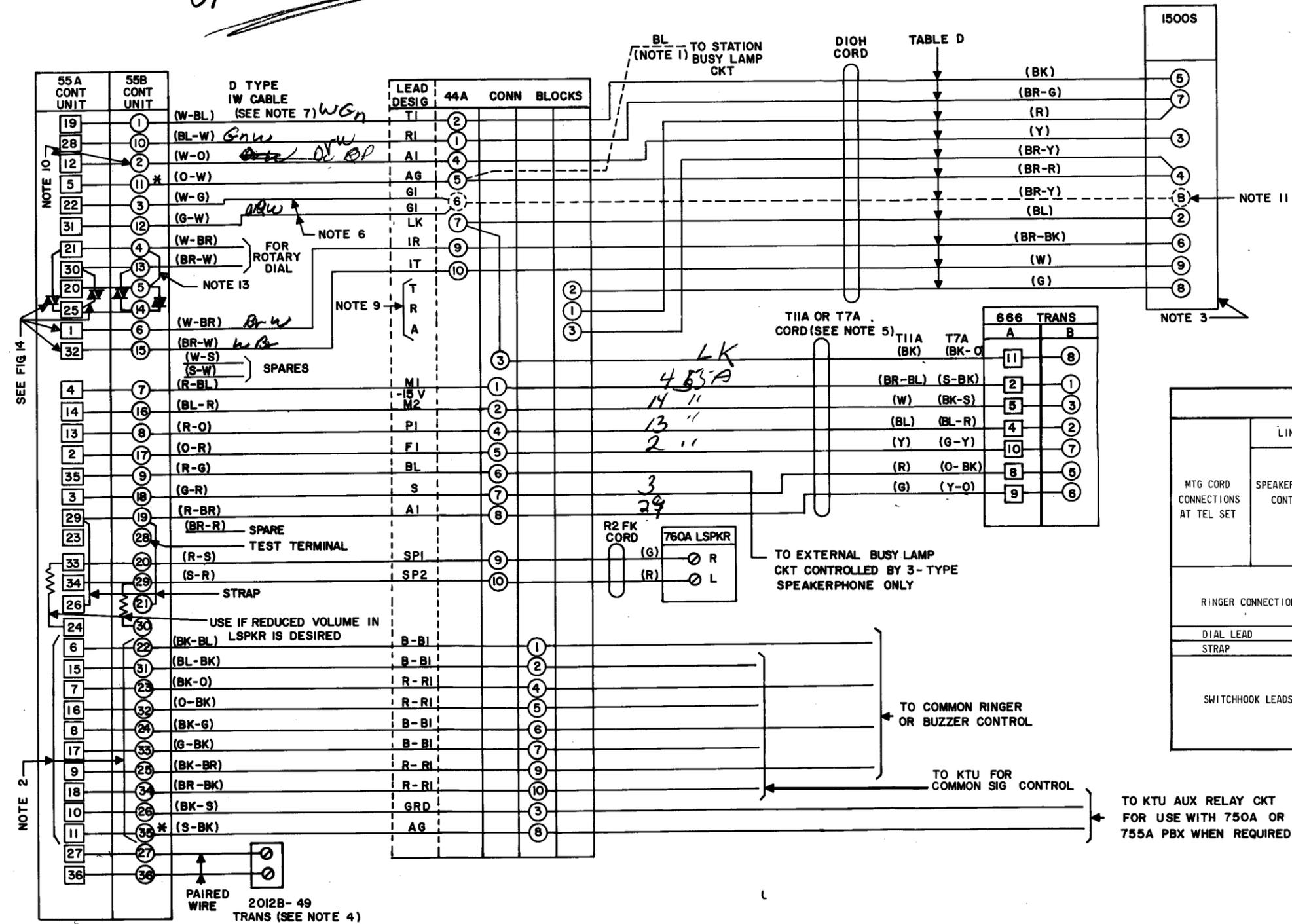


TABLE D  
LINE AND RINGER CONNECTIONS  
(CHANGES MADE IN TELEPHONE SET FOR PARTY LINE SERVICE)

LEAD	BRIDGED	RING PARTY	TIP PARTY	TIP PARTY WITH IDENT GRD	
				1000 OHMS	2650 OHMS
MTG CORD CONNECTIONS AT TEL SET	LINE	TIP	G	8	7
		RING	R	7	8
		A OR G1	BR-Y	4	4
		A1 OR GRD	Y	3	3
		AG	BR-R	4	4
		R1	BR-G	7	8
		T1	BK	5	5
		IR	BR-BK	6	6
		IT	W	9	9
		LK	BL	2	2
RINGER CONNECTIONS	BK	8	3	3	B
	S	K	K	K	B
	S-R	A	A	A	B
DIAL LEAD	R	7	1	K	B
STRAP	G	8	8	G	G
SWITCHHOOK LEADS	(BR)	C	C	G	G
	[S]				
	(Y)	7	7	7	7
	[S-Y]				
(S)	1	1	1	A	A
[S-BR]					

( ) INDICATES CURRENT COLOR CODE  
[ ] INDICATES MD COLOR CODE

TO KTU AUX RELAY CKT FOR USE WITH 750A OR 755A PBX WHEN REQUIRED

Fig. 9 - 1500S Telephone Set

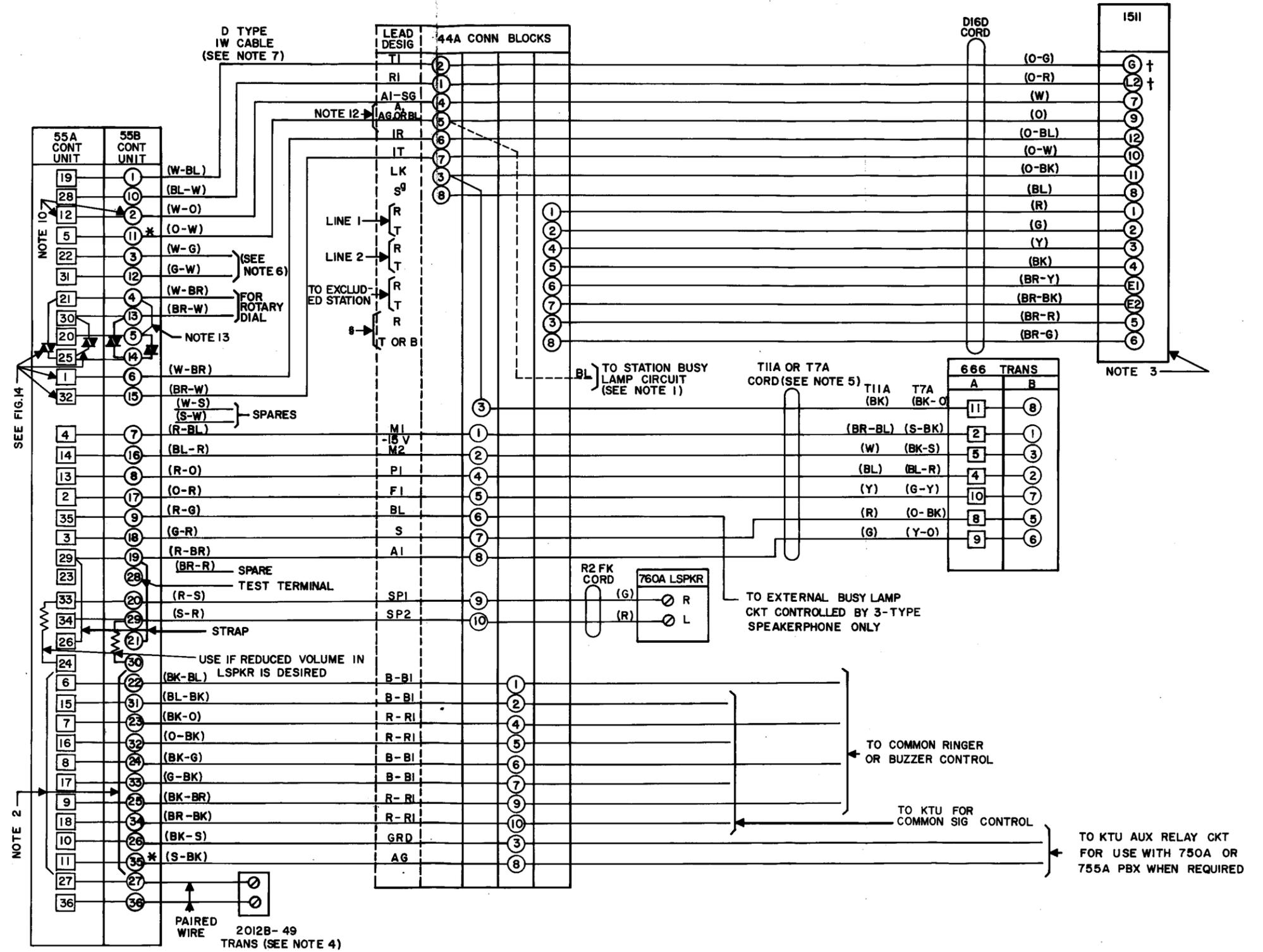


Fig. 10 - 1511D Telephone Set

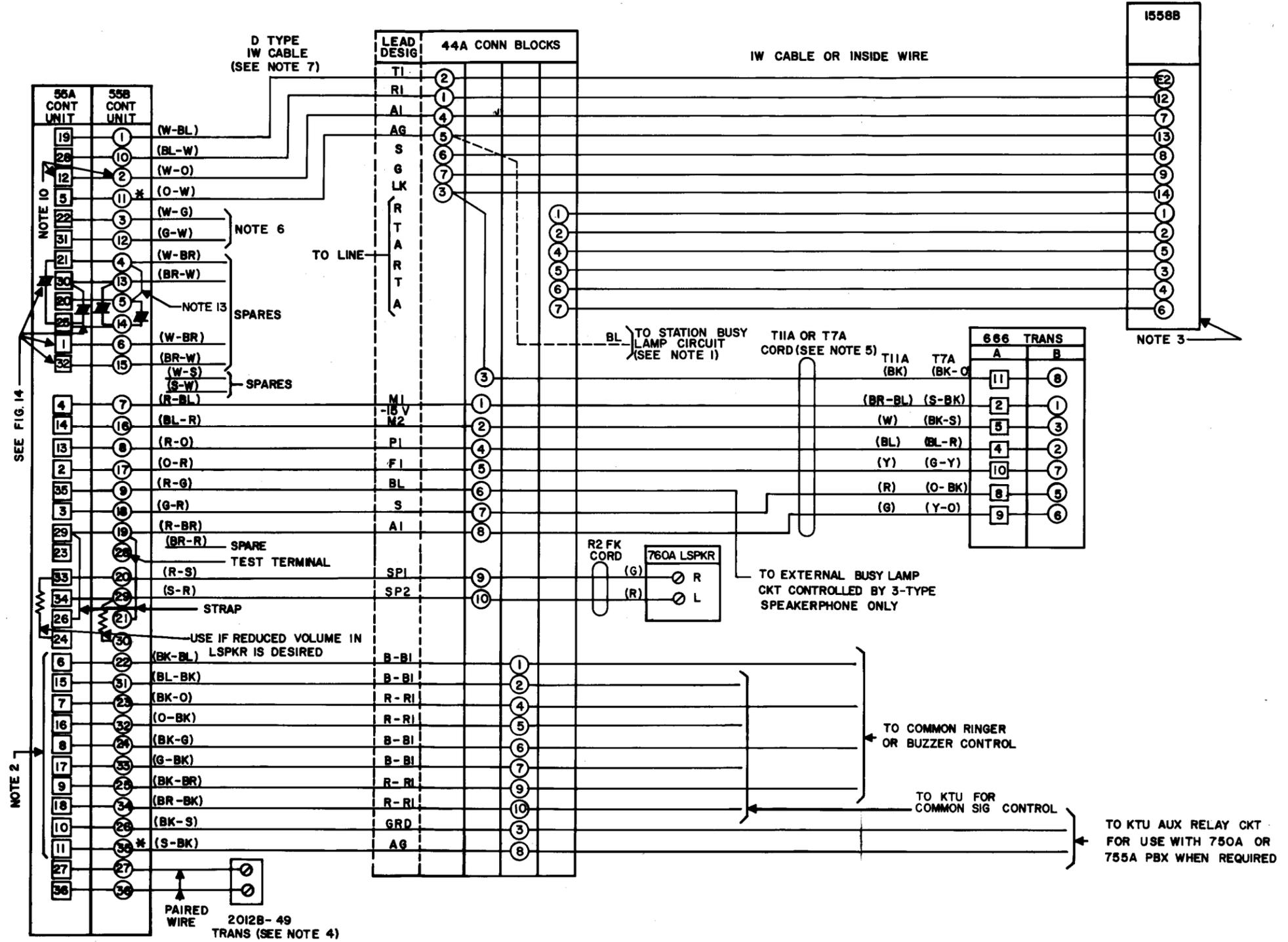


Fig. 11 - I558B Telephone Set

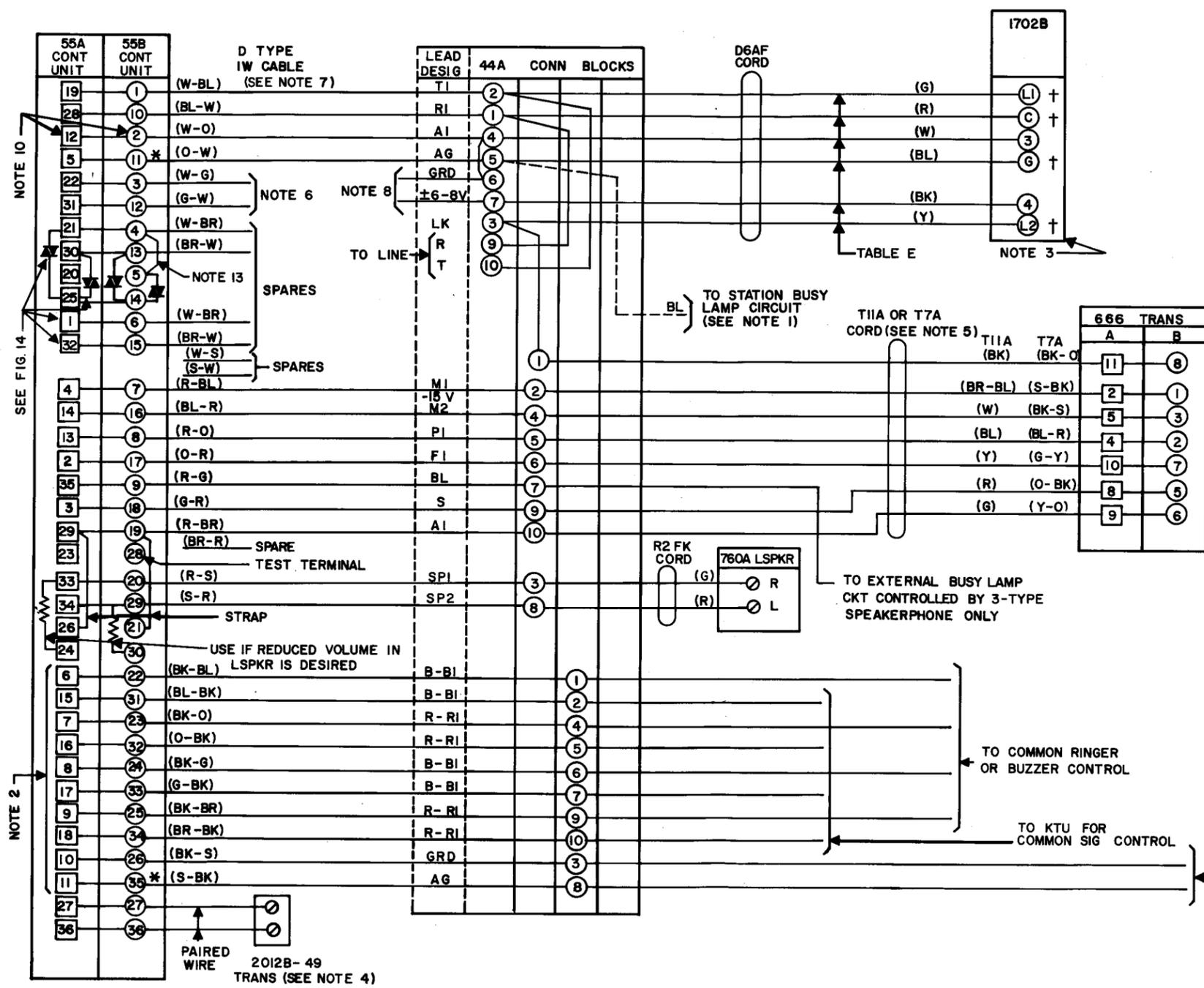


TABLE E  
MODIFICATIONS FOR USE WITH 3A SPEAKERPHONE

LEAD OR CONDUCTOR	FROM	TO
D6AF MOUNTING CORD	R	L2 C
	BL	G
	Y	G L2
	G	L1
	W	3
H TERMINAL NETWORK	BK	4
	S-BK	A *
STRAP	A	C
RINGER	BK	G L1
SWITCHHOOK ASSEMBLY	(Y) [S-Y]	L2 3
	(S) [S]	A L2
	(BR) [S-BR]	C G

\* INSULATE AND STORE  
( ) INDICATES CURRENT COLOR CODE  
[ ] INDICATES MD COLOR CODE

TO KTU AUX RELAY CKT FOR USE WITH 750A OR 755A PBX WHEN REQUIRED

Fig. 12 - 1702B Telephone Set

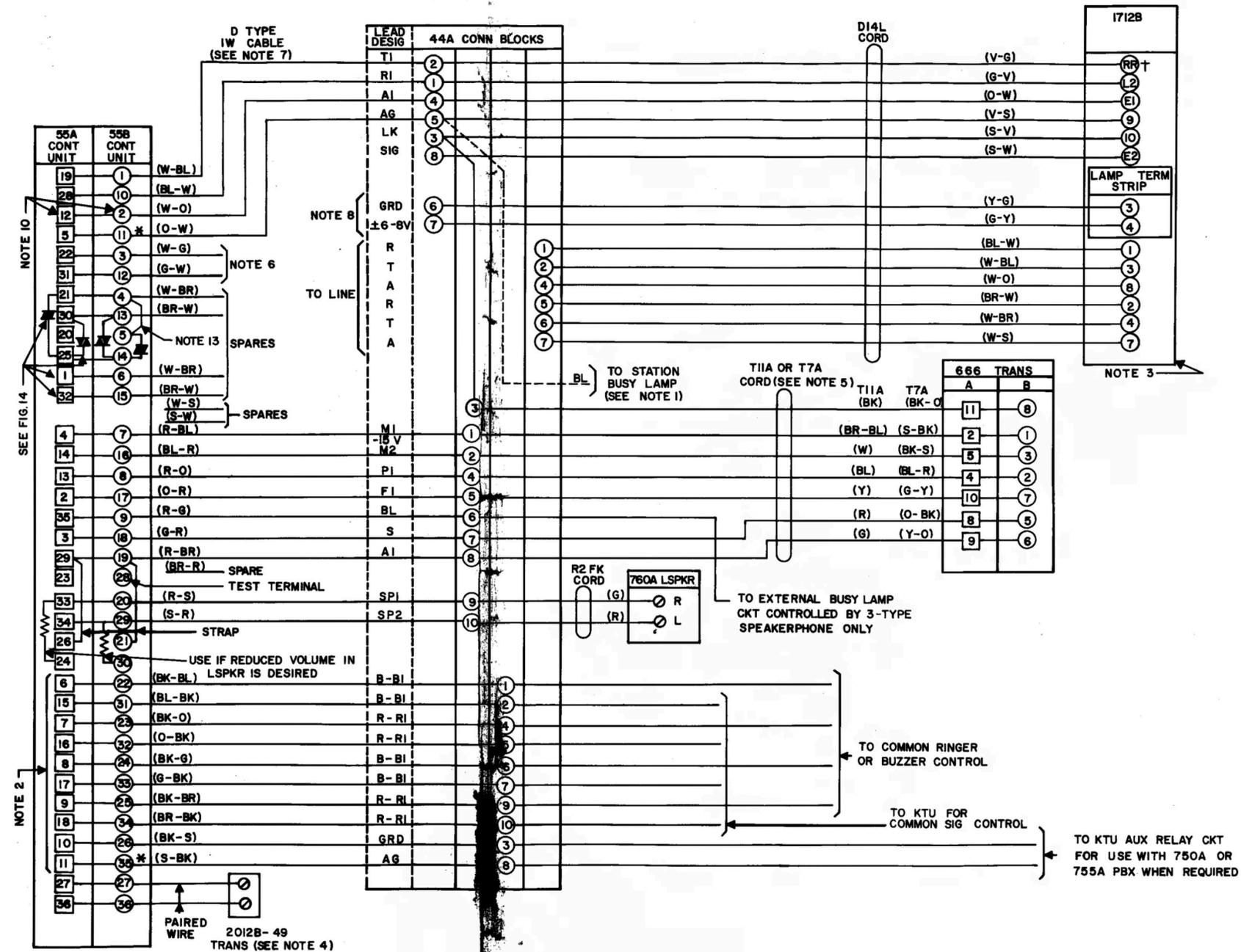


Fig. 13 - 1712B Telephone Set

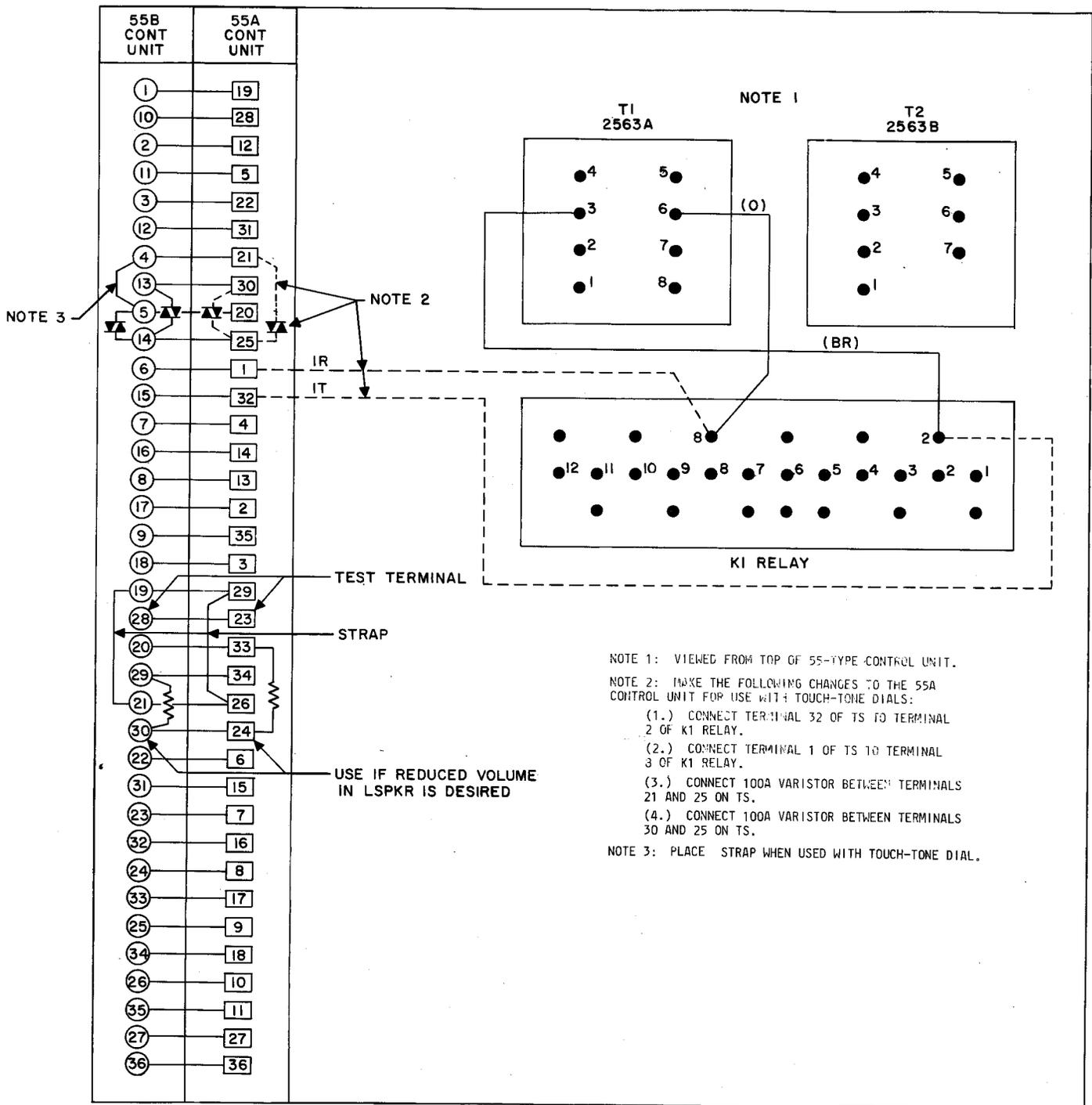


Fig. 14 - Modification of 55A Control Unit for use with TOUCH-TONE Dial Telephone Sets