

DATA SET 402C TYPE TRANSMITTER CONNECTIONS

1. GENERAL

- 1.01 This section is reissued to add information to Table A, Fig. 2, 3, 4, and 5.
- 1.02 See section covering identification and operation for cover removal and replacement.
- 1.03 Unused keys in data set 402C should be blocked.

2. CONNECTIONS

- 2.01 Service options shown in Table A should be specified on the service order. The data set shall be wired accordingly. See Fig. 1 for location of terminal blocks.
- 2.02 Connection information for the various service arrangements is shown in Fig. 2, 3, 4, and 5.

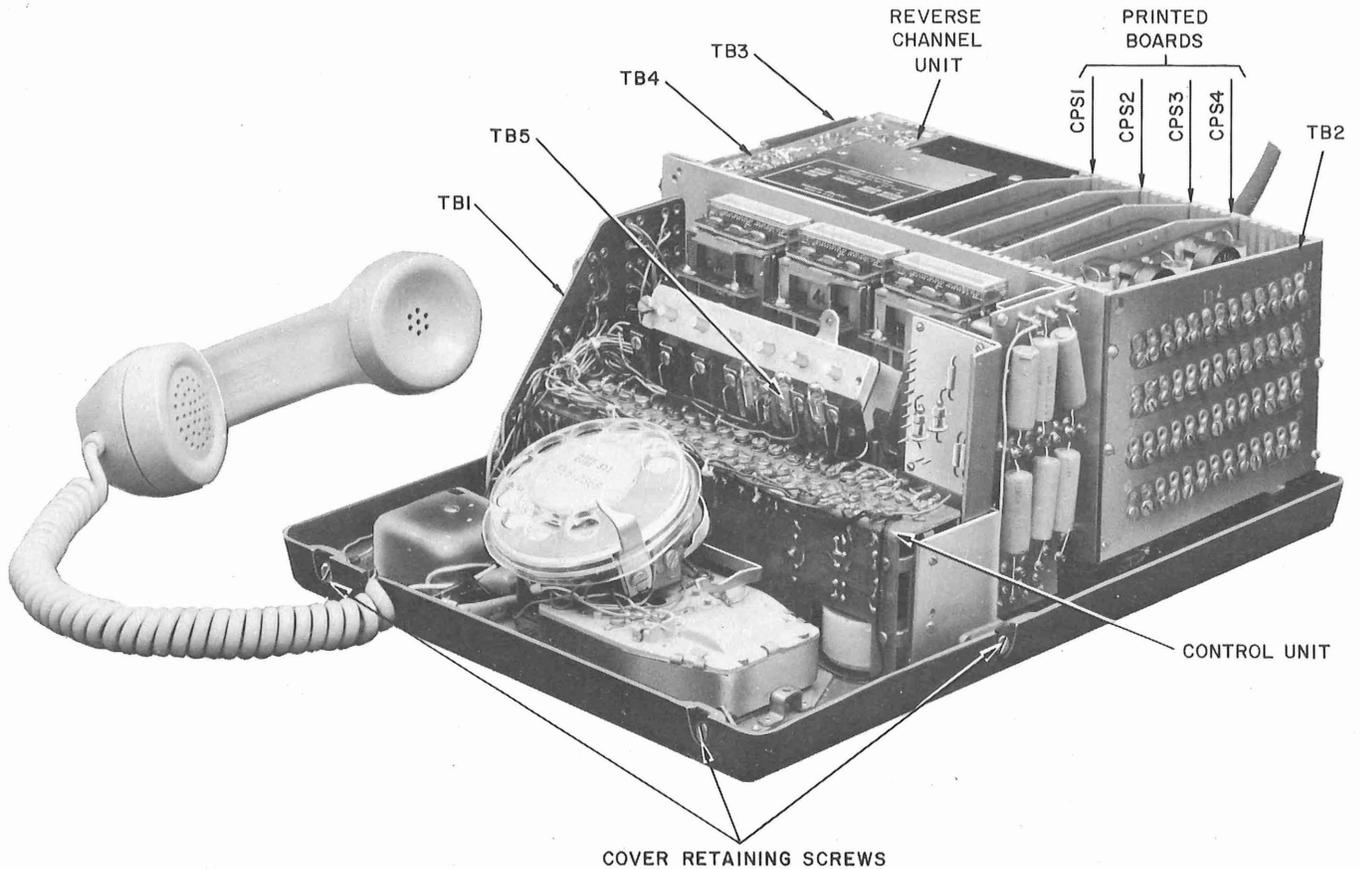


Fig. 1 — Data Set 402C Transmitter

TABLE A
OPTIONS DATA SET 402C

FEATURE OR OPTION	WIRING OPTION	STRAP TERMINALS ON TB2	STRAP TERMINALS ON TB3	PROVIDE
Without reverse channel*	R		1-2, 7-8	1 per station
With reverse channel*	S		2-3, 6-7, 9-10	
-3 DBM line power	Z	9-10, 22-23		1 per station (see Note)
-6 DBM line power	Y	10-11, 23-24		
-9 DBM line power	X†	12-13, 25-26		
900-ohm line impedance	W†	15-16		1 per station
600-ohm line impedance	V	14-15		
Automatic calling unit	T	27-28		1 per station
Without automatic calling unit	—†	Remove "T" option		
Unattended answering	N†	4-5		1 per station
Without unattended answering	—	Remove "N" option		
-18V on interface	M‡	17-18		1 per station
Without -18V on interface	—†	Remove "M" option		

*Data set 402C1 is NOT equipped with data unit 1B1 (reverse channel unit) and is factory wired for R option. Data set 402C2 is equipped with data unit 1B1 and is factory wired for S option.

†Factory wired option.

‡To be connected for test purposes only.

Note: Option X, Y, or Z which provides nearest -10DBM at central office is to be connected.

2.03 Table B shows connections between data unit 1B1 (reverse channel receiver) and data set. Data set 402C2 comes wired and equipped with reverse channel receiver.

2.04 When data set 402C1 is converted to a data set 402C2 by adding data unit 1B1, the stenciling on the data set must be changed accordingly.

TABLE B

LEAD COLOR FROM DATA UNIT 1B1	TB ON DATA SET 402C	
	TB3	TB4
BR	3	
S	1	
W	8	
BL	6	
R		6
O		10
BK		8
G		5
V	4	
BL-W	5	
Y		7

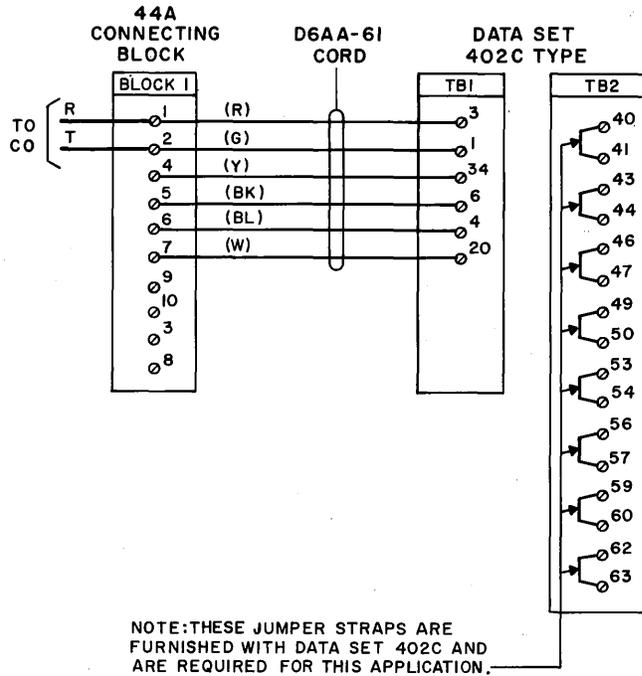


Fig. 2 — Connections, Data Set 402C Type, Transmit Only, Terminal

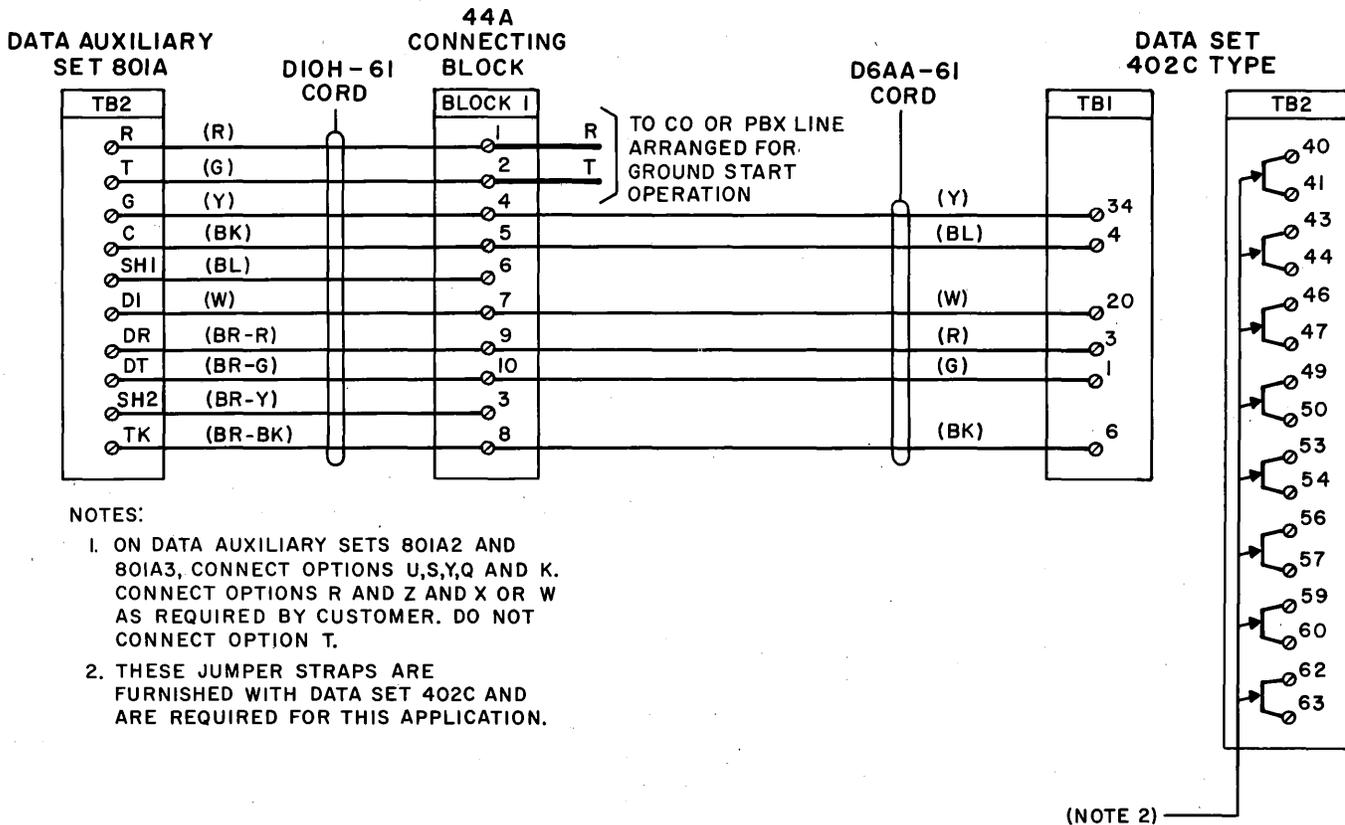
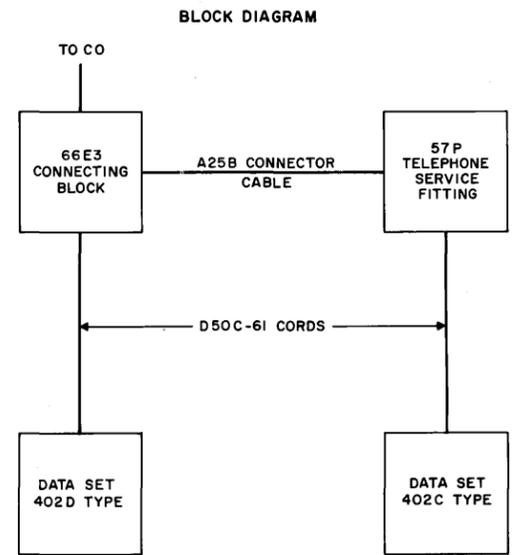
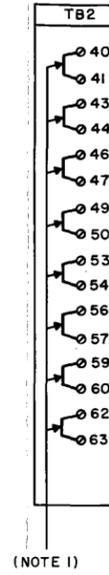
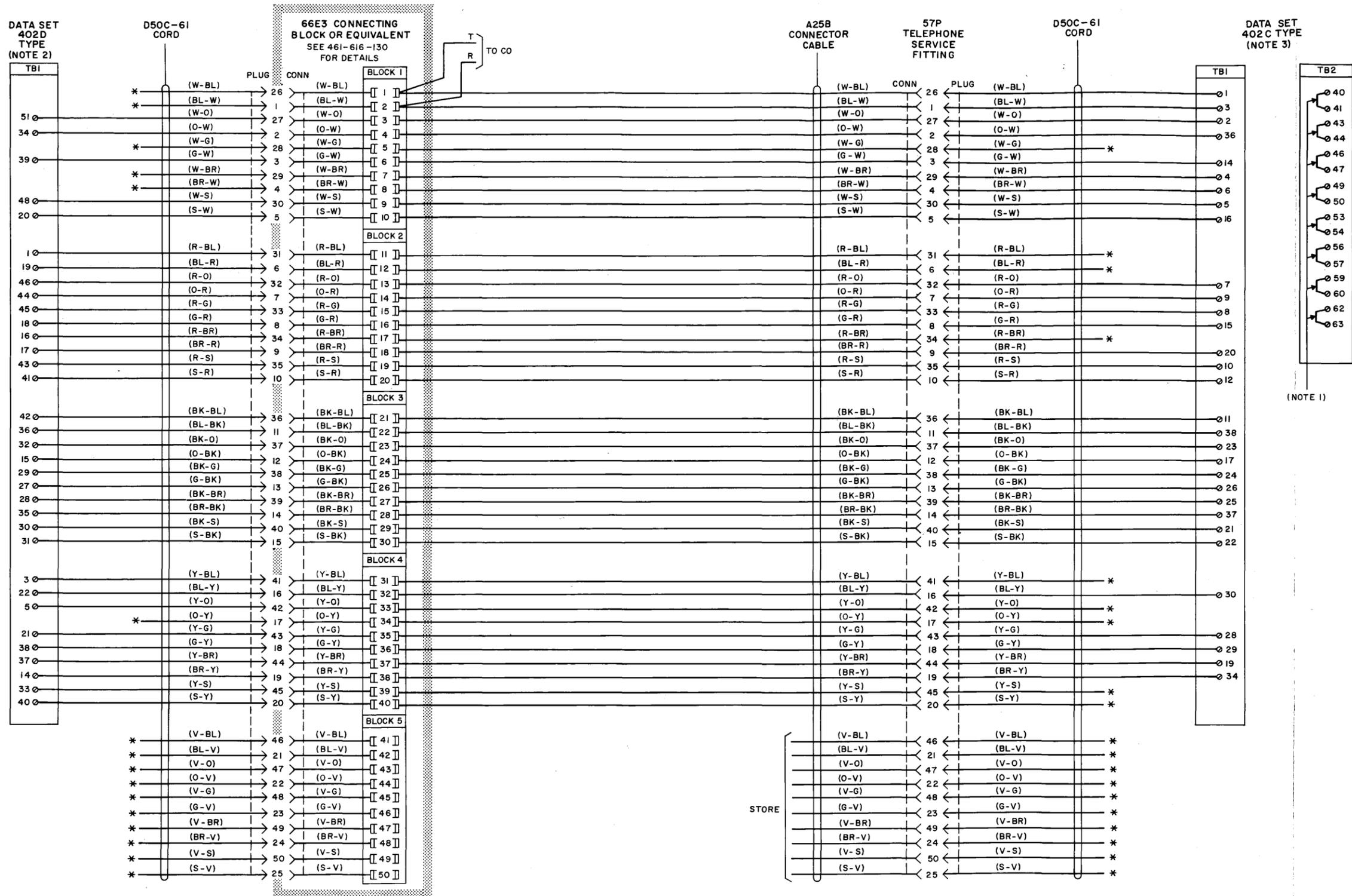
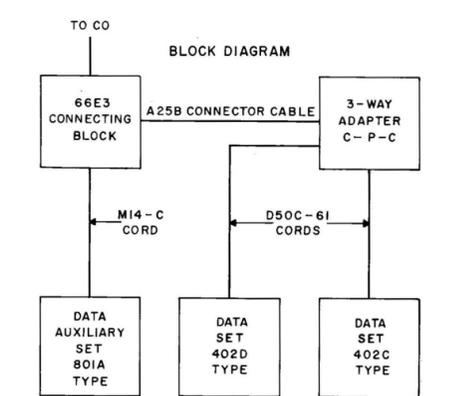
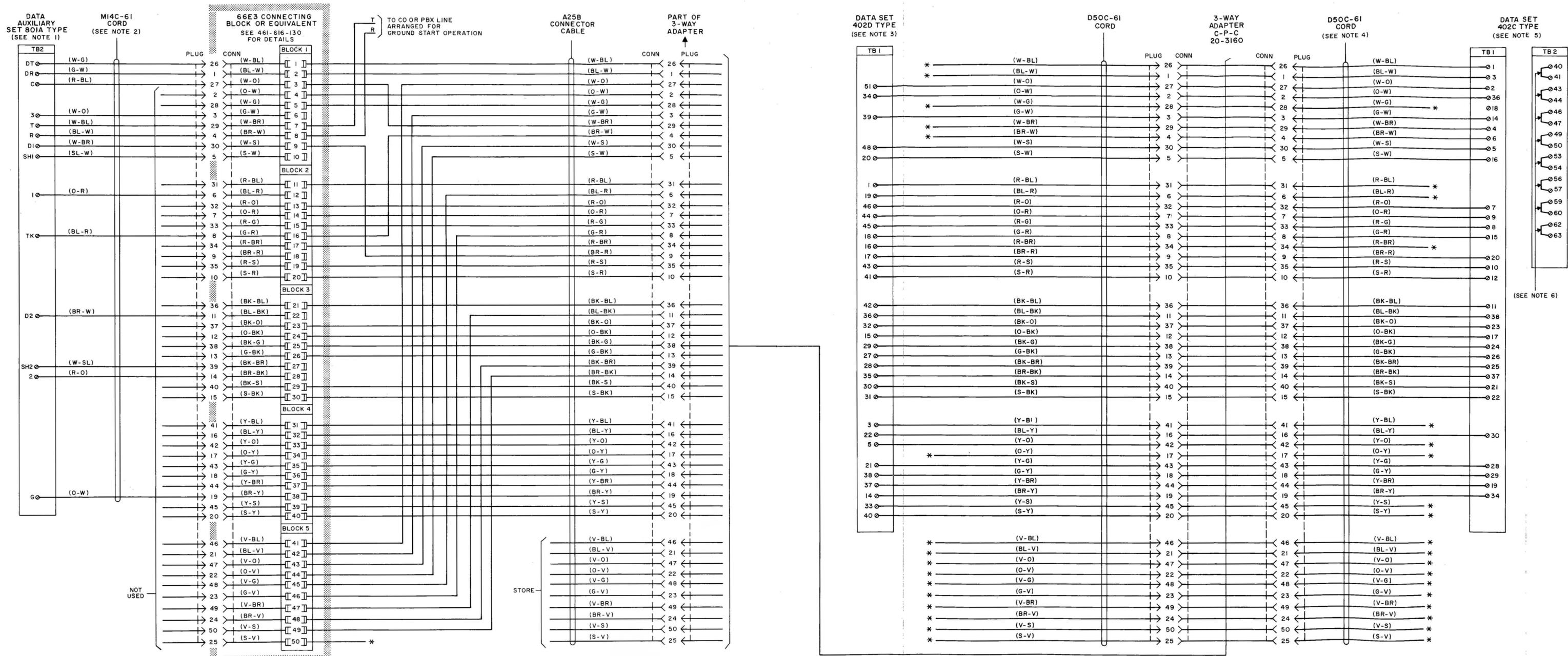


Fig. 3 — Connections, Data Set 402C Type, Transmit Only Terminal with Data Auxiliary Set 801A



- NOTES:
1. THESE JUMPER STRAPS ARE FURNISHED WITH DATA SET 402C AND MUST BE REMOVED WHEN 402C IS USED WITH A DATA SET 402D AT A TRANSMIT - RECEIVE TERM. EMPTY TERMINALS ARE PROVIDED ADJACENT FOR STORAGE.
 2. OPTION W SHOULD NOT BE CONNECTED ON DATA SET 402D.
 3. MOUNTING CORD D50C-61 IS NOT FURNISHED WITH DATA SET 402C.
- * INSULATE AND STORE INDIVIDUALLY

Fig. 4 — Connections, Data Set 402C Type When Used with Data Set 402D Type at a Transmit-Receive Terminal



- NOTES:
- OPTIONS U,S,M,Y, AND Q SHOULD BE CONNECTED ON DATA AUXILIARY SETS 801A2 OR 801A3 WHEN USED WITH DATA SET 402C AND 402D. CONNECT OPTIONS R,Z AND X OR W AS REQUIRED BY CUSTOMER. DO NOT CONNECT OPTION T.
 - MOUNTING CORD MI4C-61 IS NOT FURNISHED WITH DATA AUXILIARY SET 801A AND MUST BE SUPPLIED LOCALLY.
 - DO NOT CONNECT OPTION W ON DATA SET 402D.
 - MOUNTING CORD D50C-61 IS NOT FURNISHED WITH DATA SET 402C AND MUST BE SUPPLIED LOCALLY.
 - CONNECT OPTION T ON DATA SET 402C.
 - THESE JUMPER STRAPS ARE FURNISHED WITH DATA SET 402C AND MUST BE REMOVED WHEN 402C IS USED WITH A DATA SET 402D. AT A TRANSMIT-RECEIVE TERMINAL, EMPTY TERMINALS ARE PROVIDED ADJACENT FOR STORAGE.
- * INSULATE AND STORE INDIVIDUALLY.

Fig. 5 — Connections, Data Set 402C Type When Used with Data Set 402D Type and Data Auxiliary Set 801A Type at a Transmit-Receive Terminal