

SYNCHRONOUS "DATASPEED*" 40/4
SINGLE-DISPLAY STATION ARRANGEMENTS
WIRING DIAGRAMS

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|---|------|--|
| 1. GENERAL | 1 | 1.01 This section provides wiring diagrams and cable components for DATASPEED 40/4 Single-Display Station (SDS) equipment (DATA-SPEED 40 hereafter will be referred to as 40-type or 40-type equipment) with the following exceptions. |
| 2. WIRING DIAGRAMS | 1 | |
| SINGLE-DISPLAY ARRANGEMENTS | 2 | |
| 410277 BACK PANEL ASSEMBLY PHYSICAL LAYOUT | 3 | (a) Monitor, see Section 582-213-400. |
| 410276 BACK PANEL ASSEMBLY PHYSICAL LAYOUT | 4 | (b) Monitor support cabinet, see Section 582-212-400. |
| BACK PANEL ASSEMBLY WIRING | 5 | (c) Printer, see Section 582-210-400. |
| 410277 INTERNAL WIRING | 8 | (d) Printer cabinet, see Section 582-210-400. |
| 410276 INTERNAL WIRING | 14 | 1.02 This section is reissued to include the 40K203 opcon. |
| 40PSU101 POWER SUPPLY | 19 | 1.03 Abbreviations in this section are defined in Section 582-200-101. |
| OPCONS | 20 | 1.04 This information, when used in conjunction with Test and Troubleshooting Section 582-200-505, will aid in locating cabling faults. |
| A. 40K104/DAB (Early Design) ... | 20 | 1.05 Voltage levels are provided in power supply diagrams only. |
| B. 40K105/CAA, 40K203/GAB, and 40K104/DAB (Late Design) | 21 | |
| CABLE ASSEMBLIES | 22 | <i>Note:</i> When ordering replaceable parts or components, unless otherwise specified, prefix each part number with the letters "TP" (ie, TP410055). |
| A. 406036 EIA Cable Assembly and Extension Cables | 22 | |
| B. 406039 SSI Cable Assembly and Extension Cables | 23 | 2. WIRING DIAGRAMS |
| C. 406066 Private Line Interface Unit Cable Assembly | 24 | 2.01 The following wiring diagrams provide coverage for the Single-Display Station (SDS) equipped with a 40C304-type Single-Display Controller (SDS). |

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SINGLE DISPLAY ARRANGEMENTS

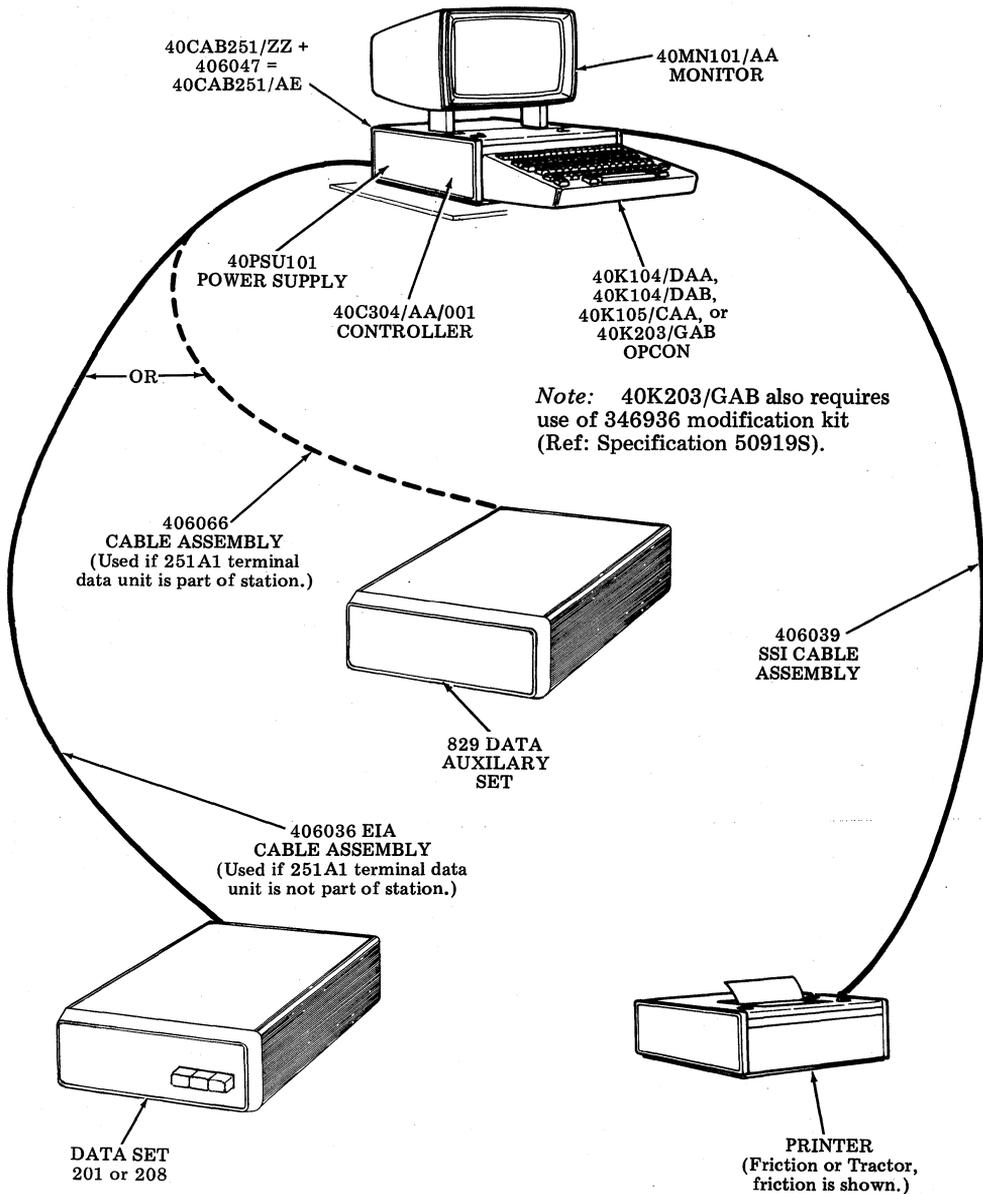


Fig. 1

410277 BACK PANEL ASSEMBLY PHYSICAL LAYOUT

Note: Fig. 2 shows the 410277 back panel (late design). Fig. 3 shows the 410276 back panel (early design).

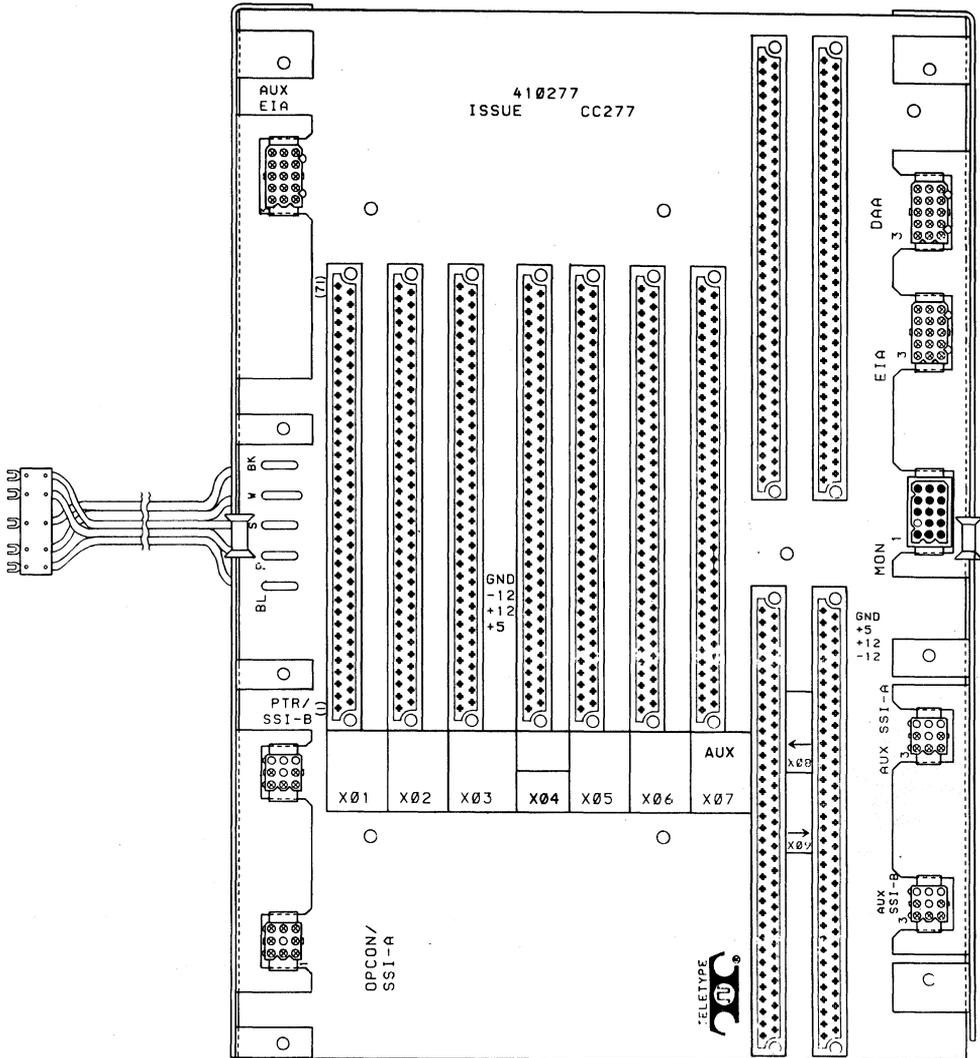


Fig. 2

410276 BACK PANEL ASSEMBLY PHYSICAL LAYOUT

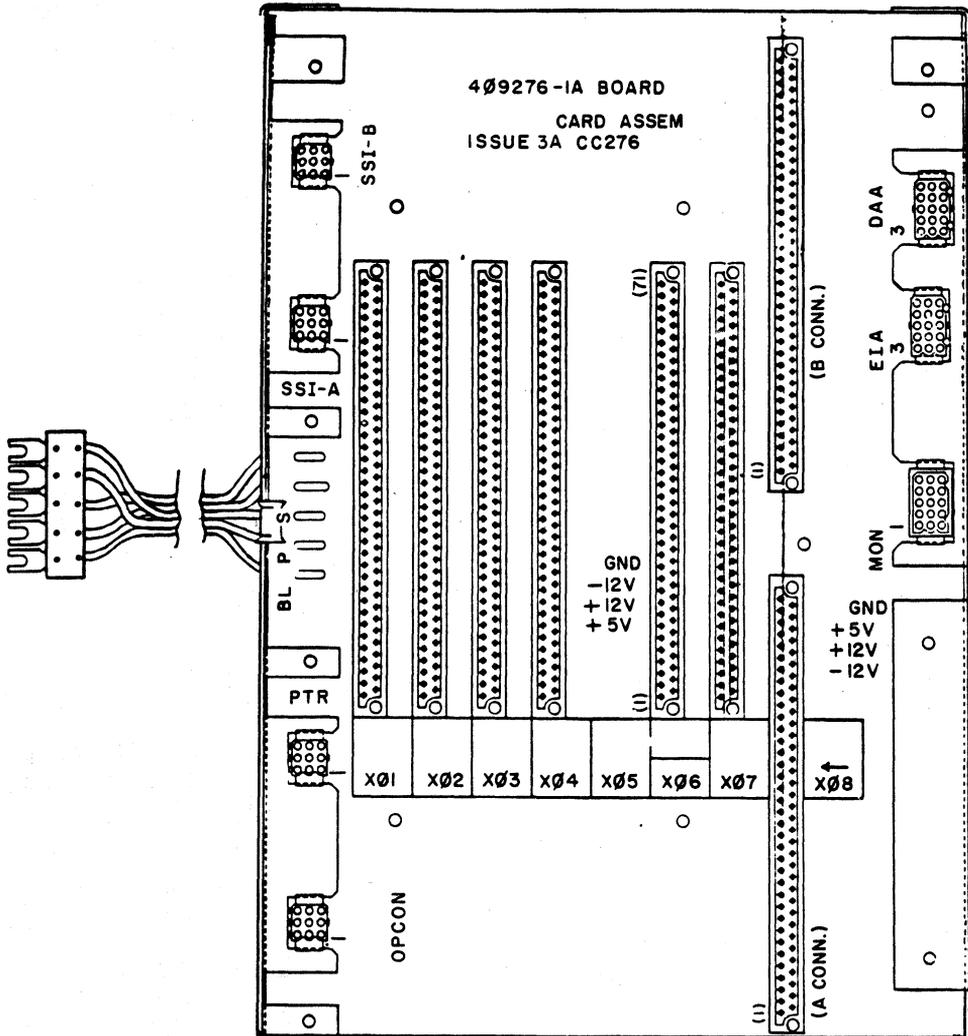


Fig. 3

BACK PANEL ASSEMBLY WIRING

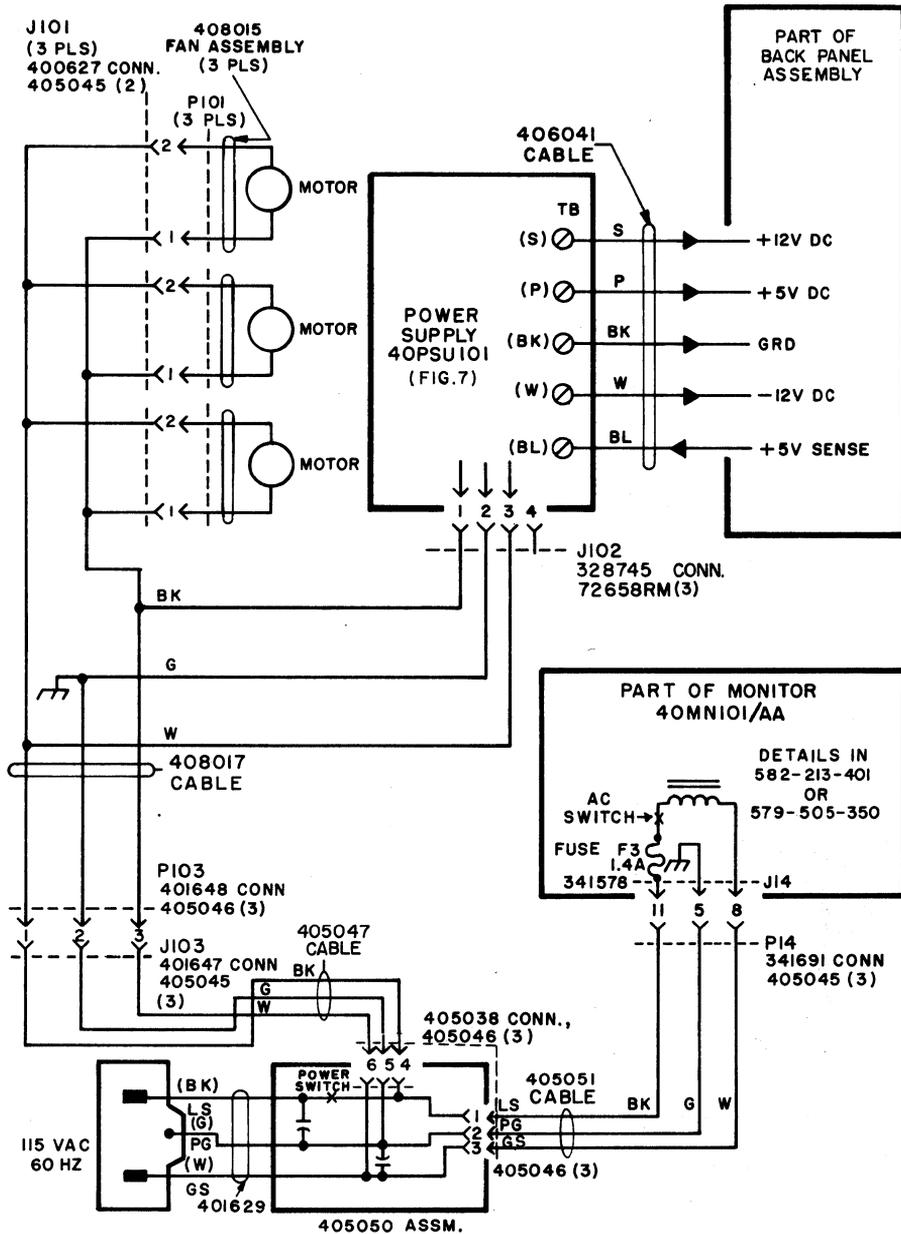


Fig. 4

BACK PANEL ASSEMBLY WIRING (Cont)

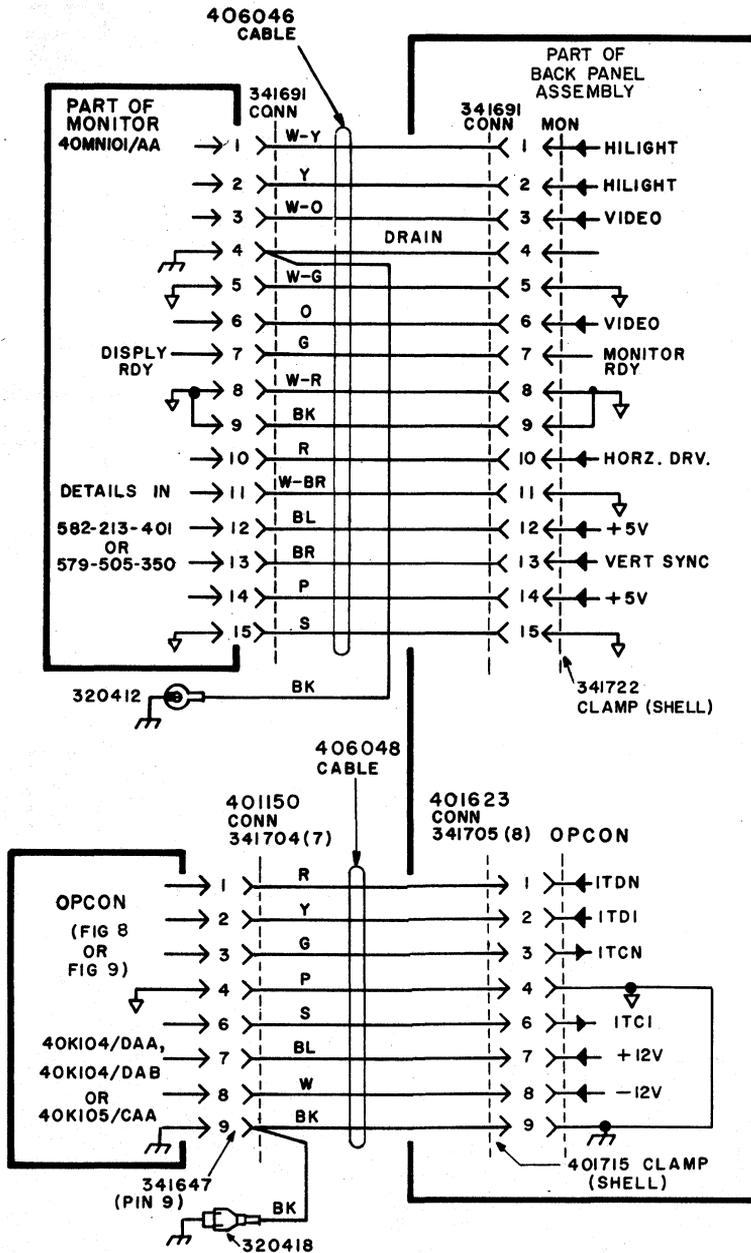


Fig. 4 (Cont)

BACK PANEL ASSEMBLY WIRING (Cont)

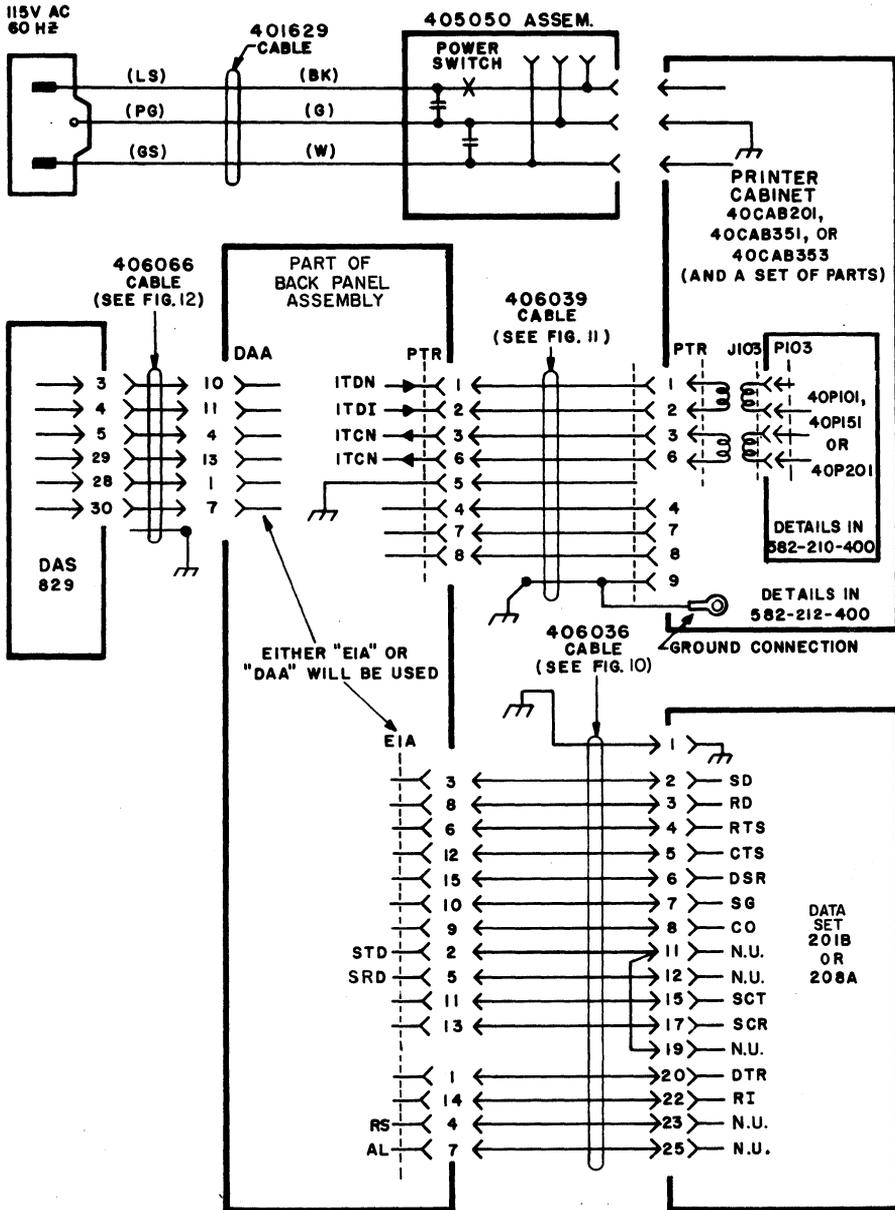
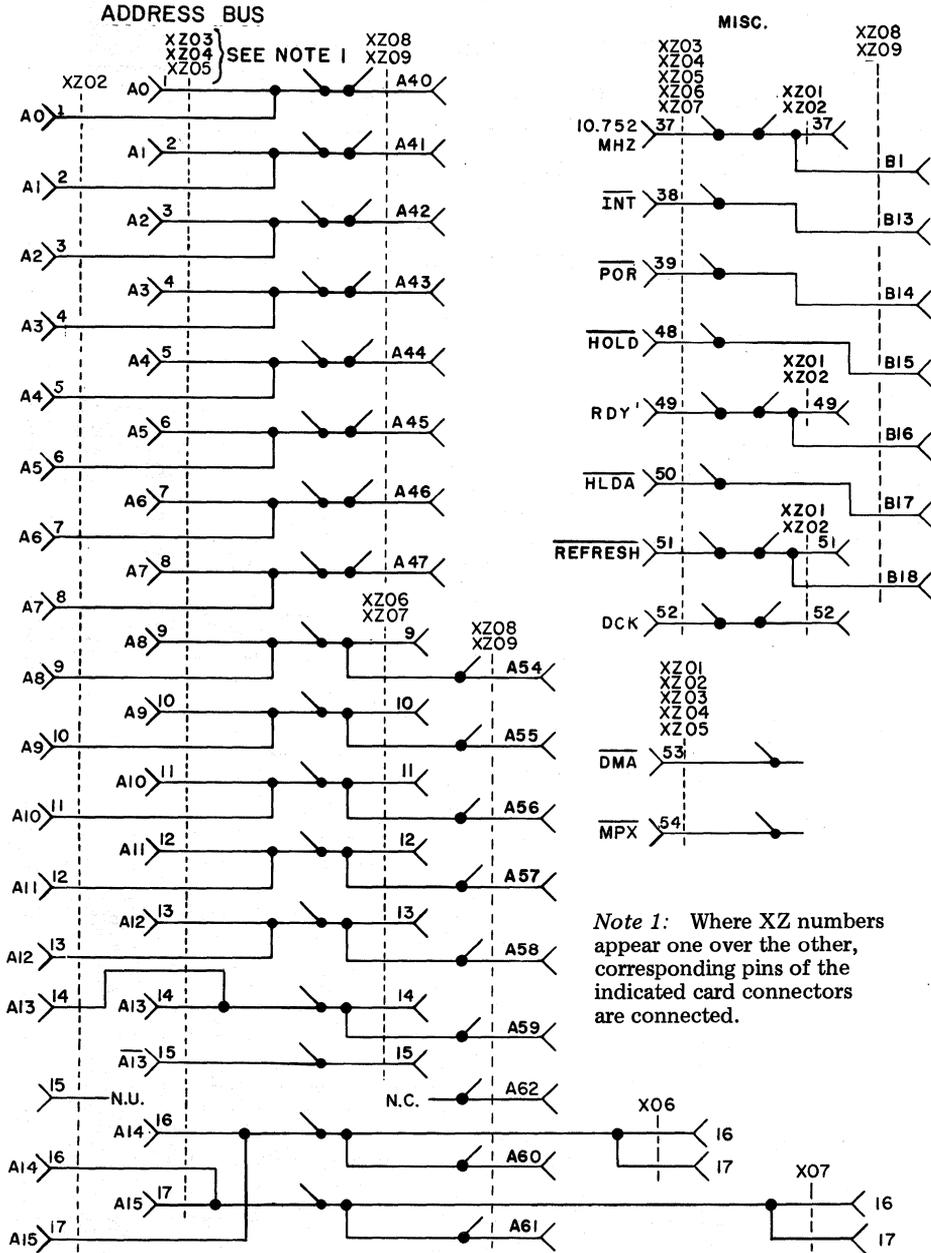


Fig. 4 (Cont)

410277 INTERNAL WIRING



Note 1: Where XZ numbers appear one over the other, corresponding pins of the indicated card connectors are connected.

Fig. 5

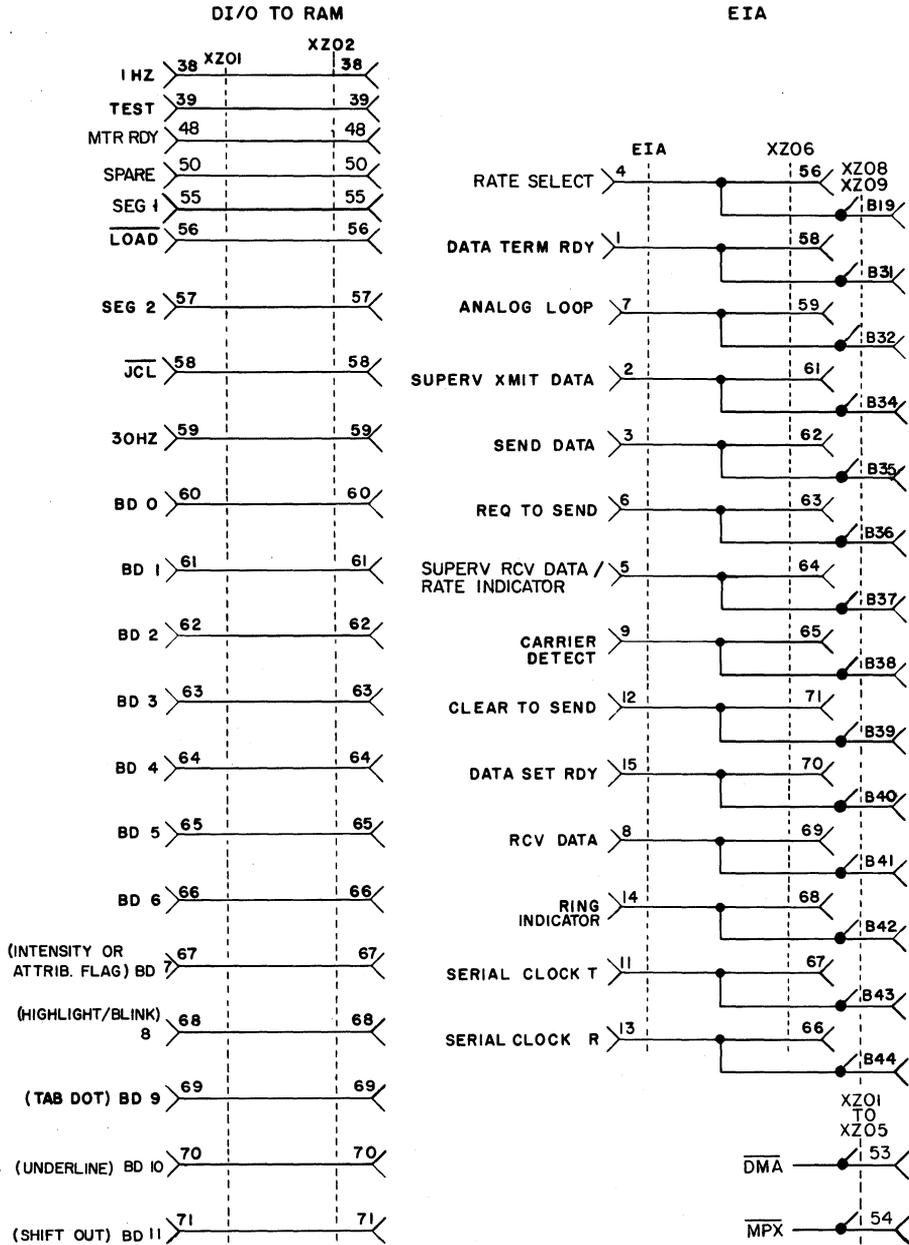
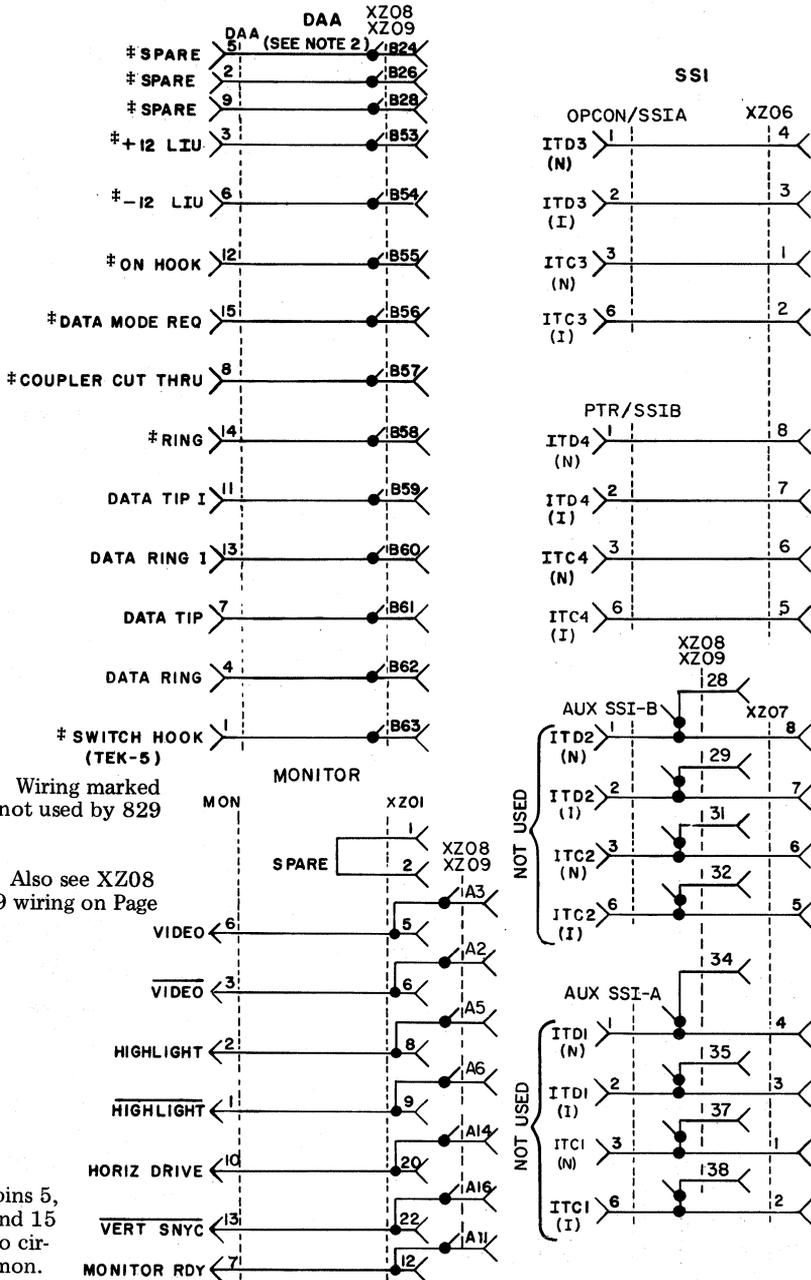


Fig. 5 (Cont)

410277 INTERNAL WIRING (Cont)



Note 2: Wiring marked with # is not used by 829 DAS.

Note 3: Also see XZ08 and XZ09 wiring on Page 12.

Monitor pins 5, 8, 9, 11 and 15 connect to circuit common.

Fig. 5 (Cont)

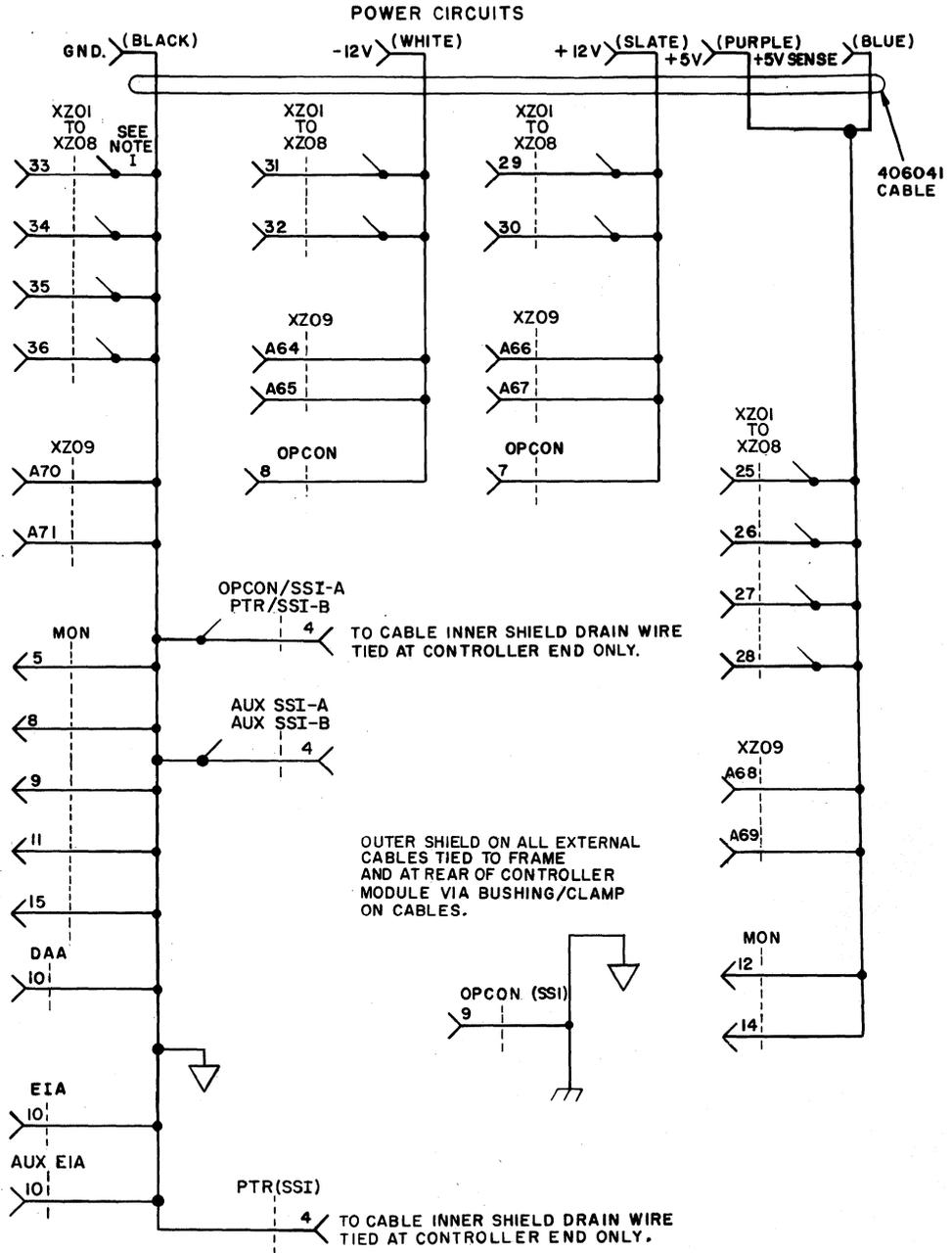


Fig. 5 (Cont)

410277 INTERNAL WIRING (Cont)

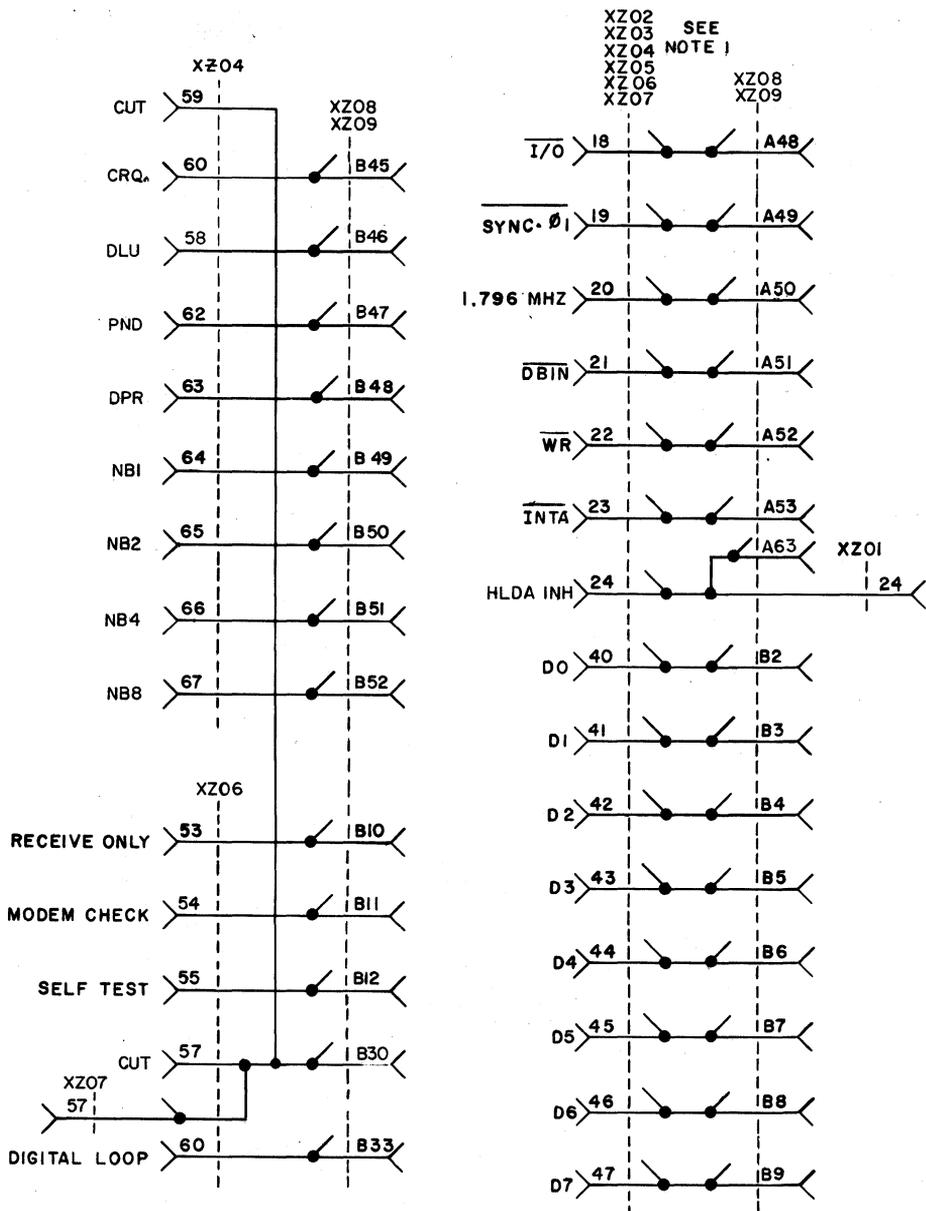


Fig. 5 (Cont)

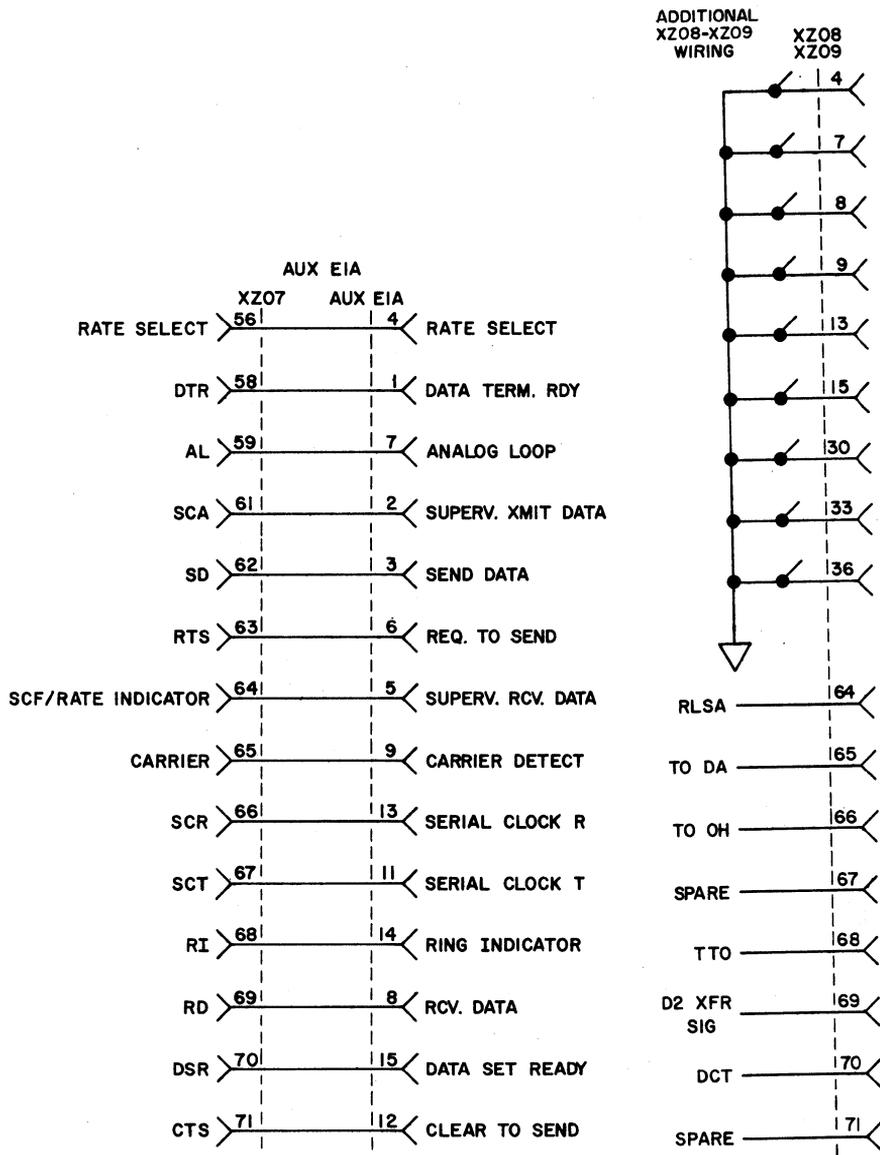


Fig. 5 (Cont)

410276 INTERNAL WIRING

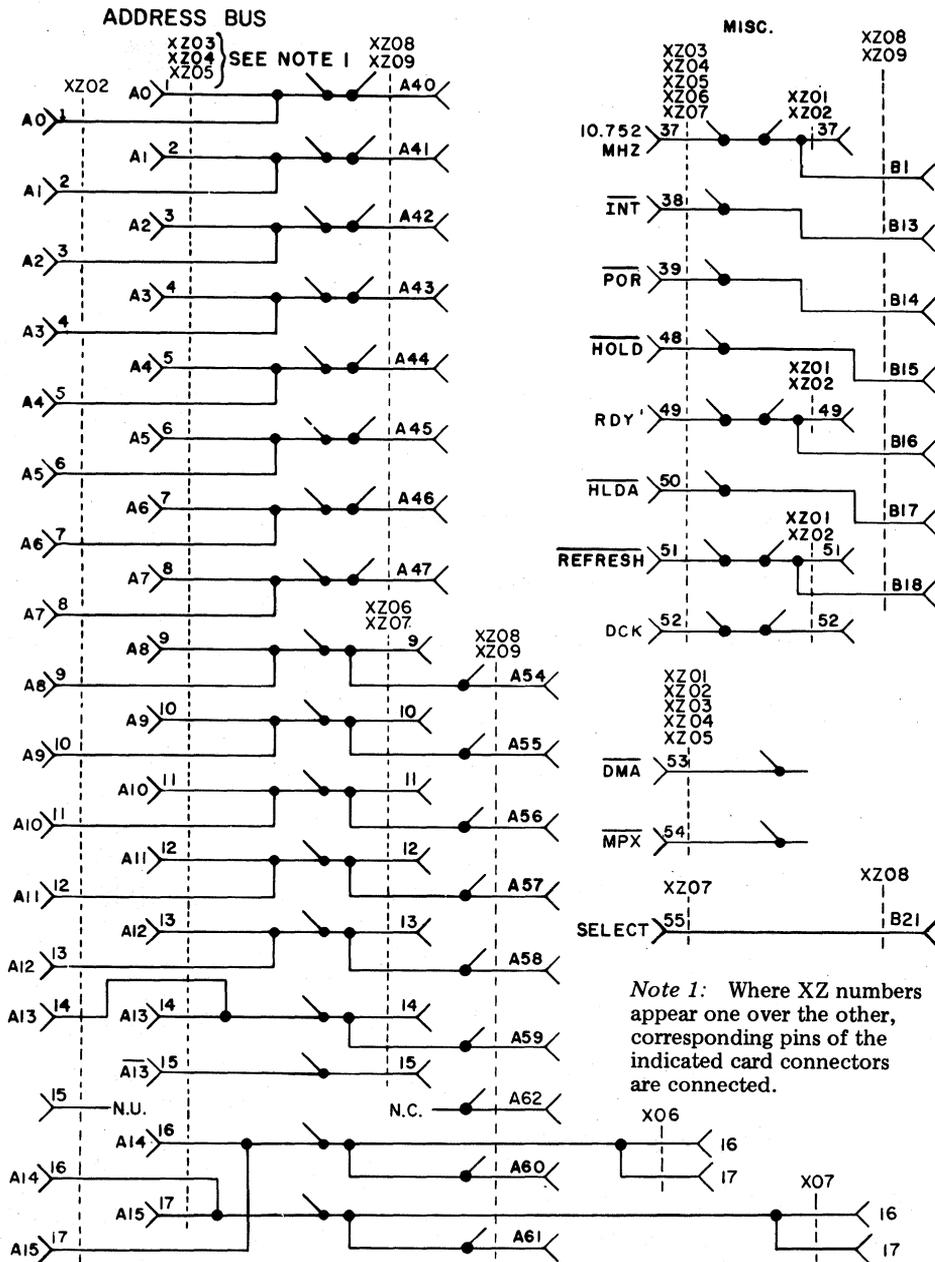


Fig. 6

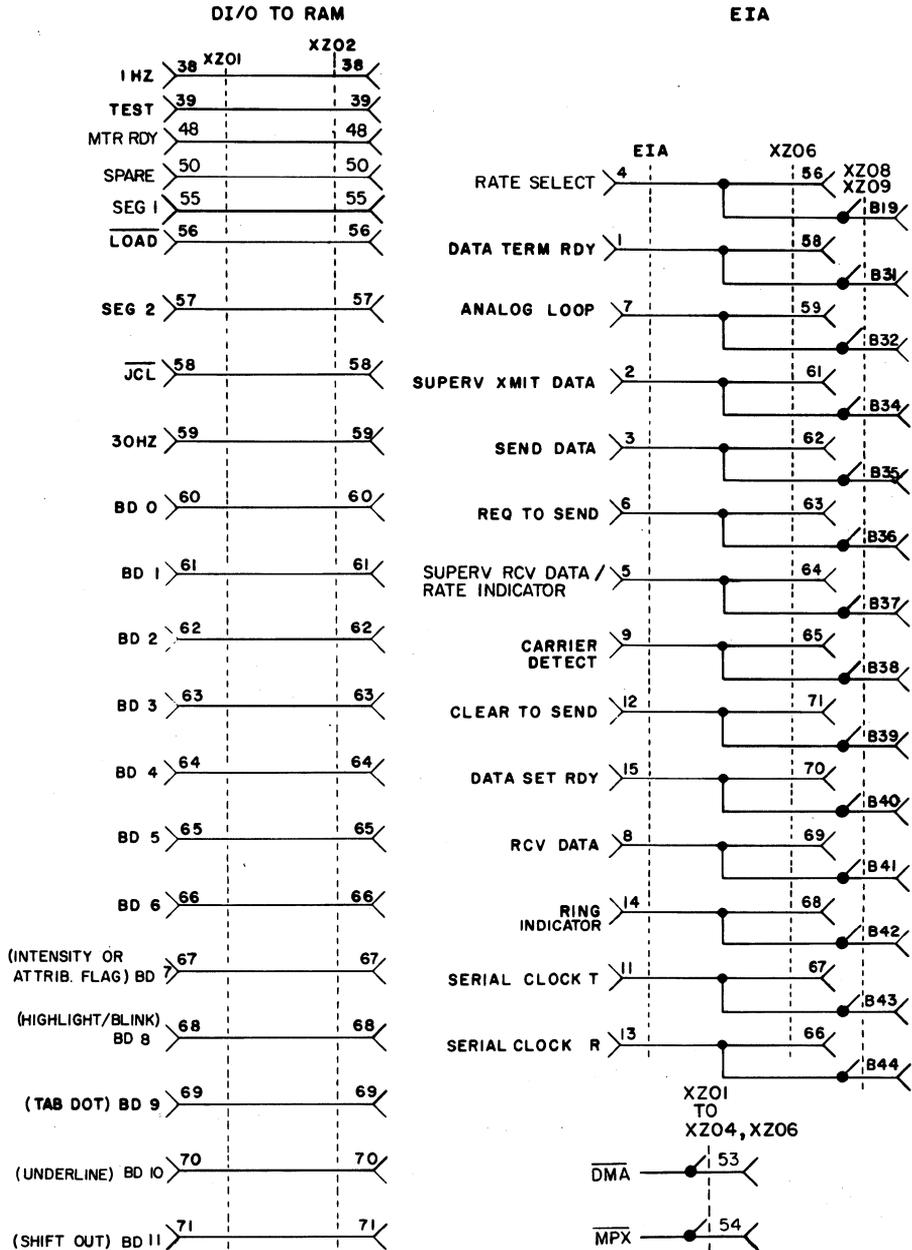


Fig. 6 (Cont)

410276 INTERNAL WIRING (Cont)

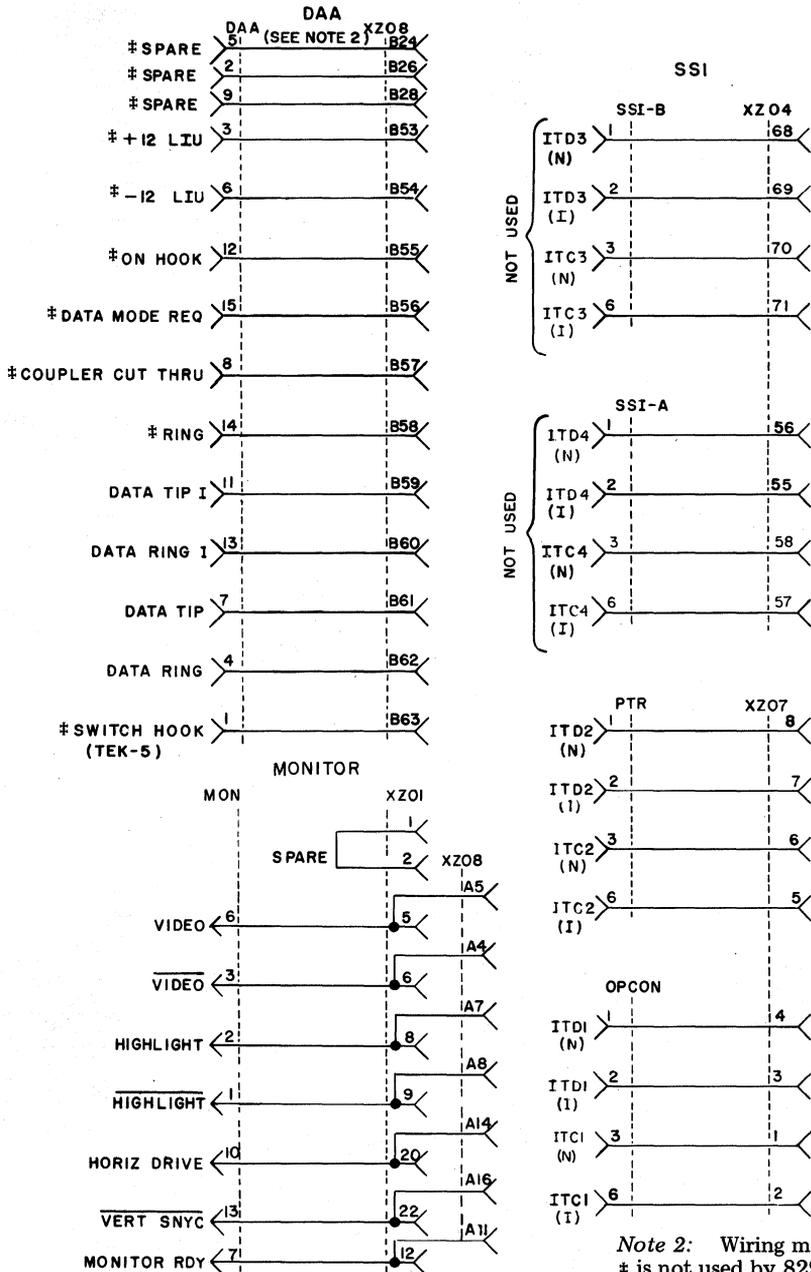


Fig. 6 (Cont)

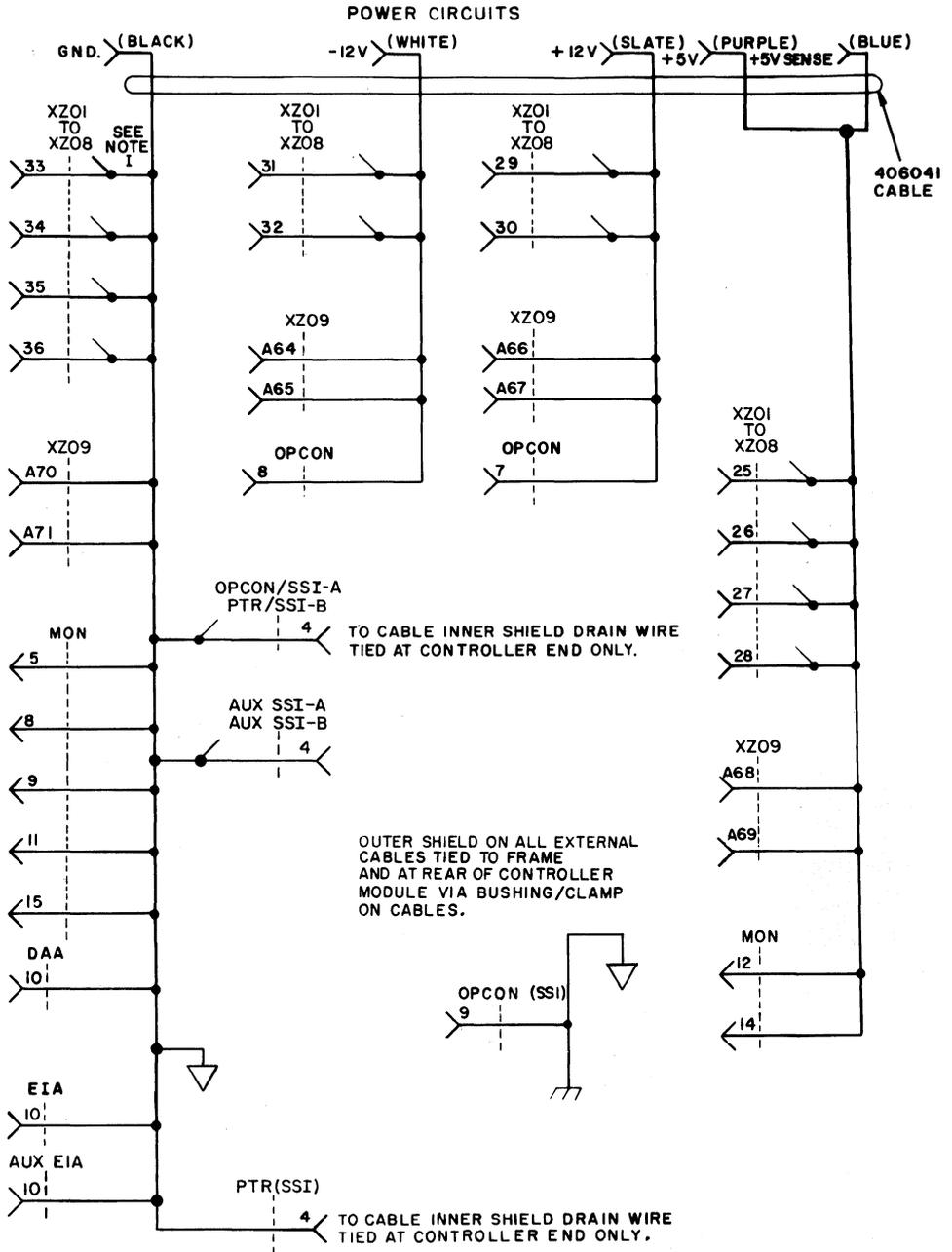


Fig. 6 (Cont)

410276 INTERNAL WIRING (Cont)

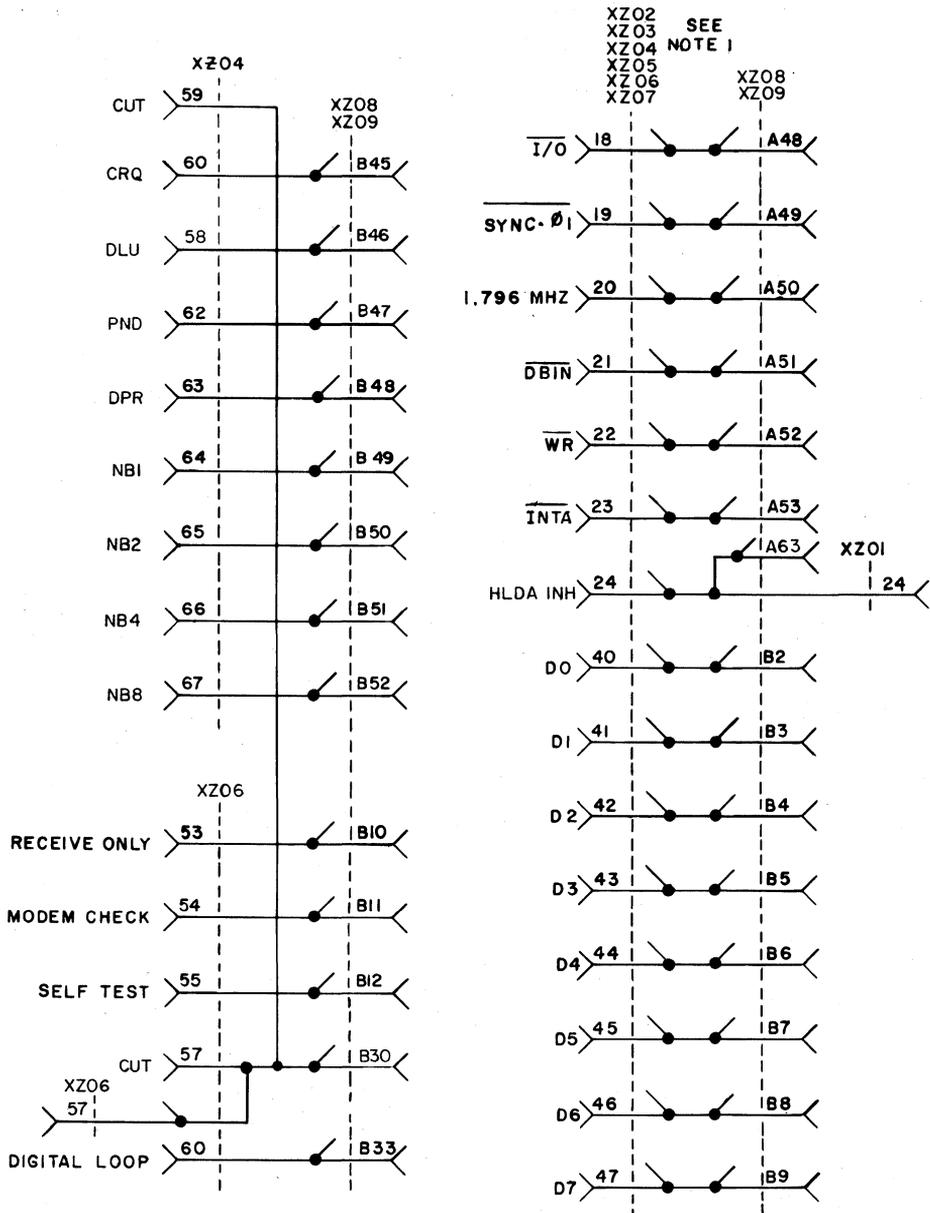


Fig. 6 (Cont)

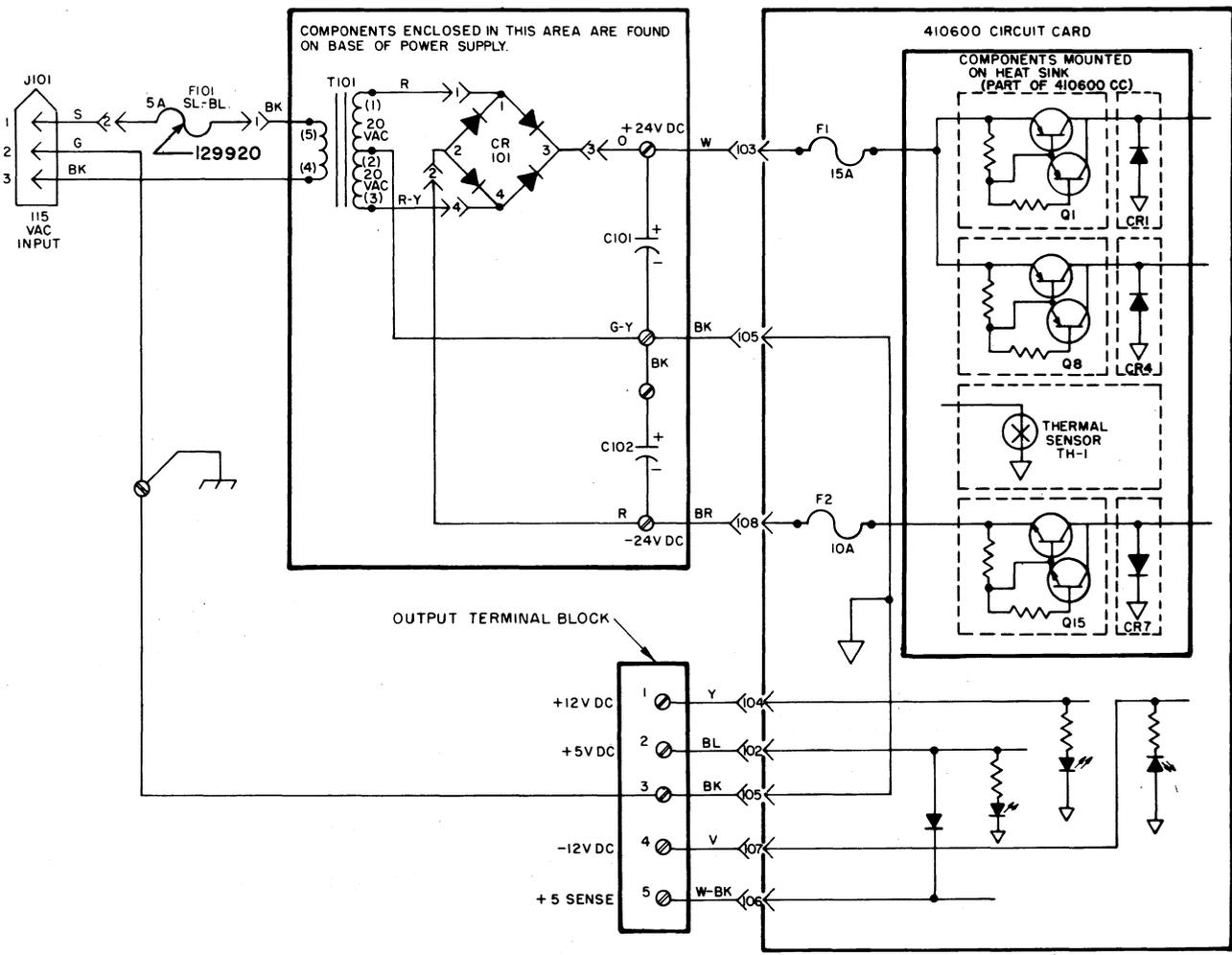


Fig. 7

OPCONS

A. 40K104/DAB (Early Design)

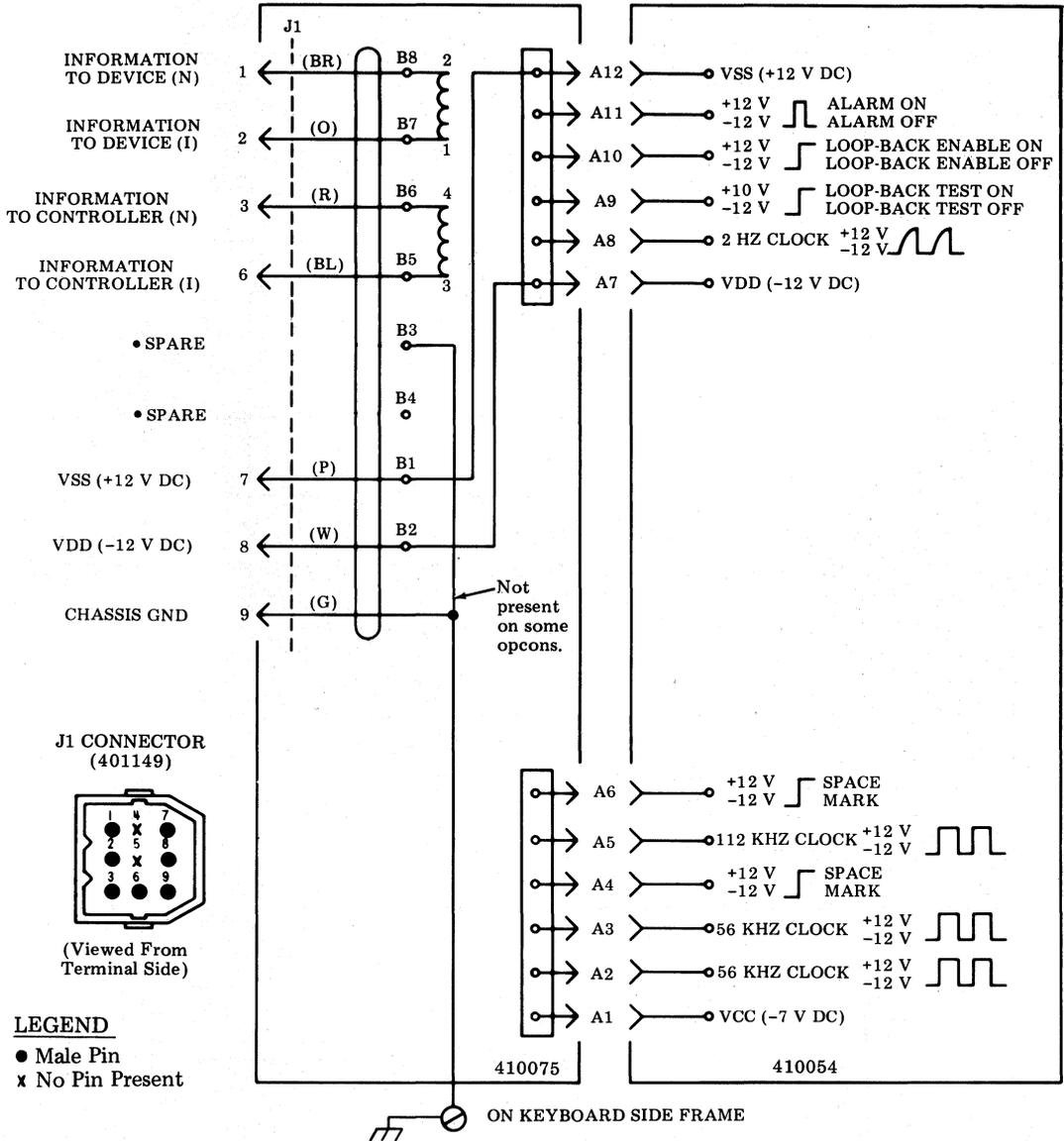


Fig. 8

B. 40K105/CAA, 40K203/GAB, and 40K104/DAB (Late Design)

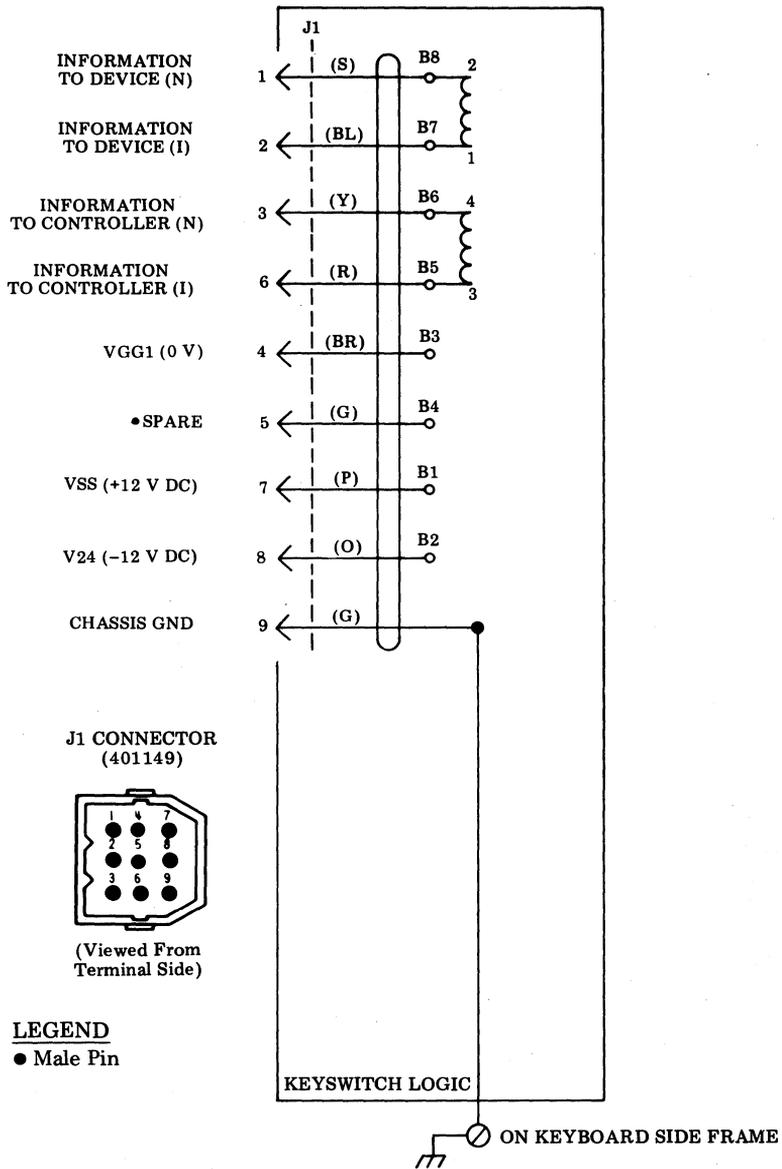
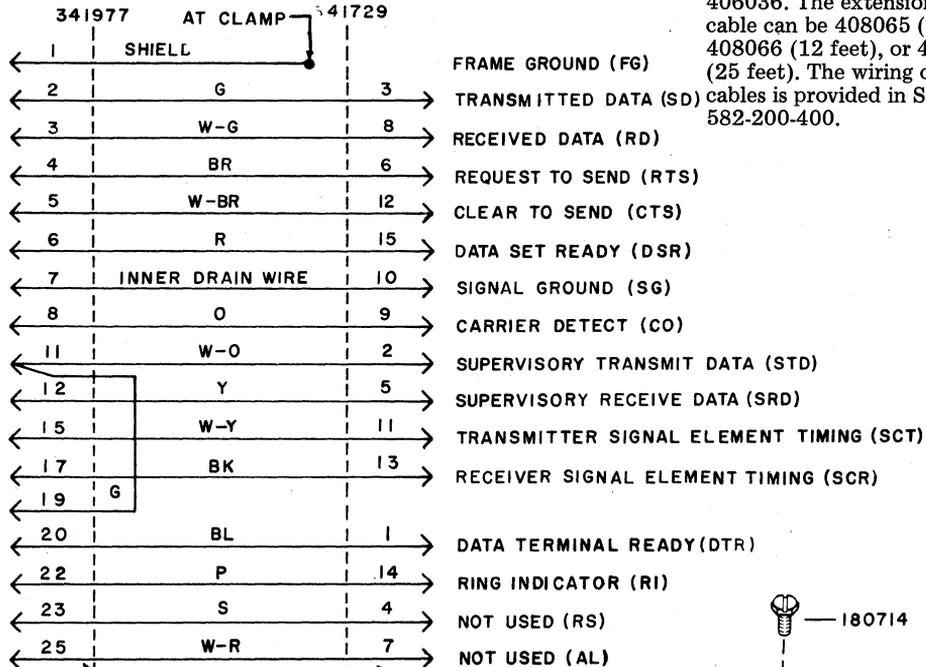


Fig. 9

CABLE ASSEMBLIES

A. 406036 EIA Cable Assembly and Extension Cables (See Note.)

APPLICATION: (C304 CONTROLLER-DATA SET)



Note: An EIA extension cable can be connected to 406036. The extension cable can be 408065 (7 feet), 408066 (12 feet), or 408067 (25 feet). The wiring of these cables is provided in Section 582-200-400.

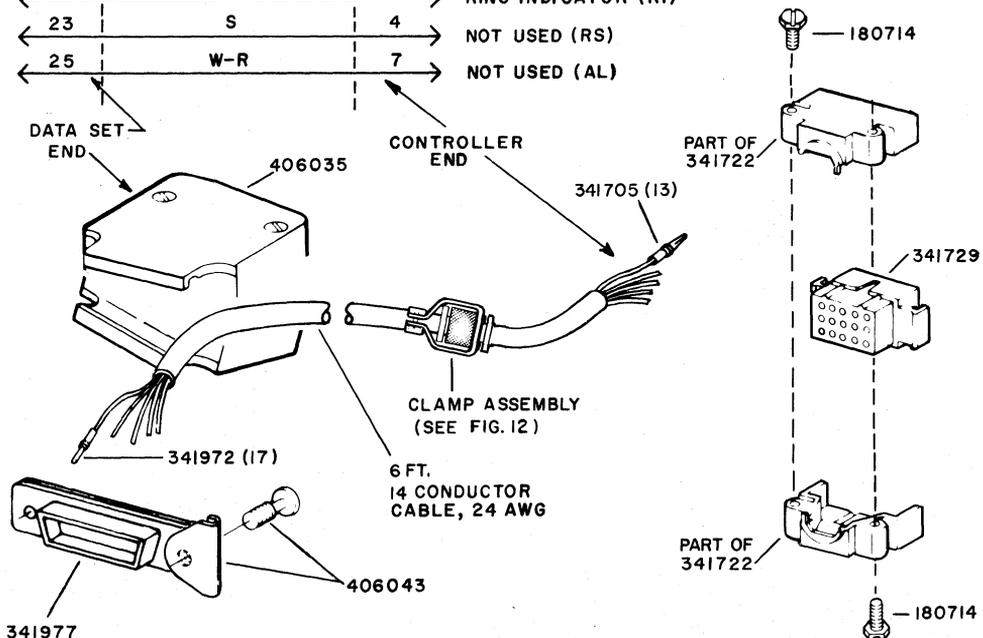
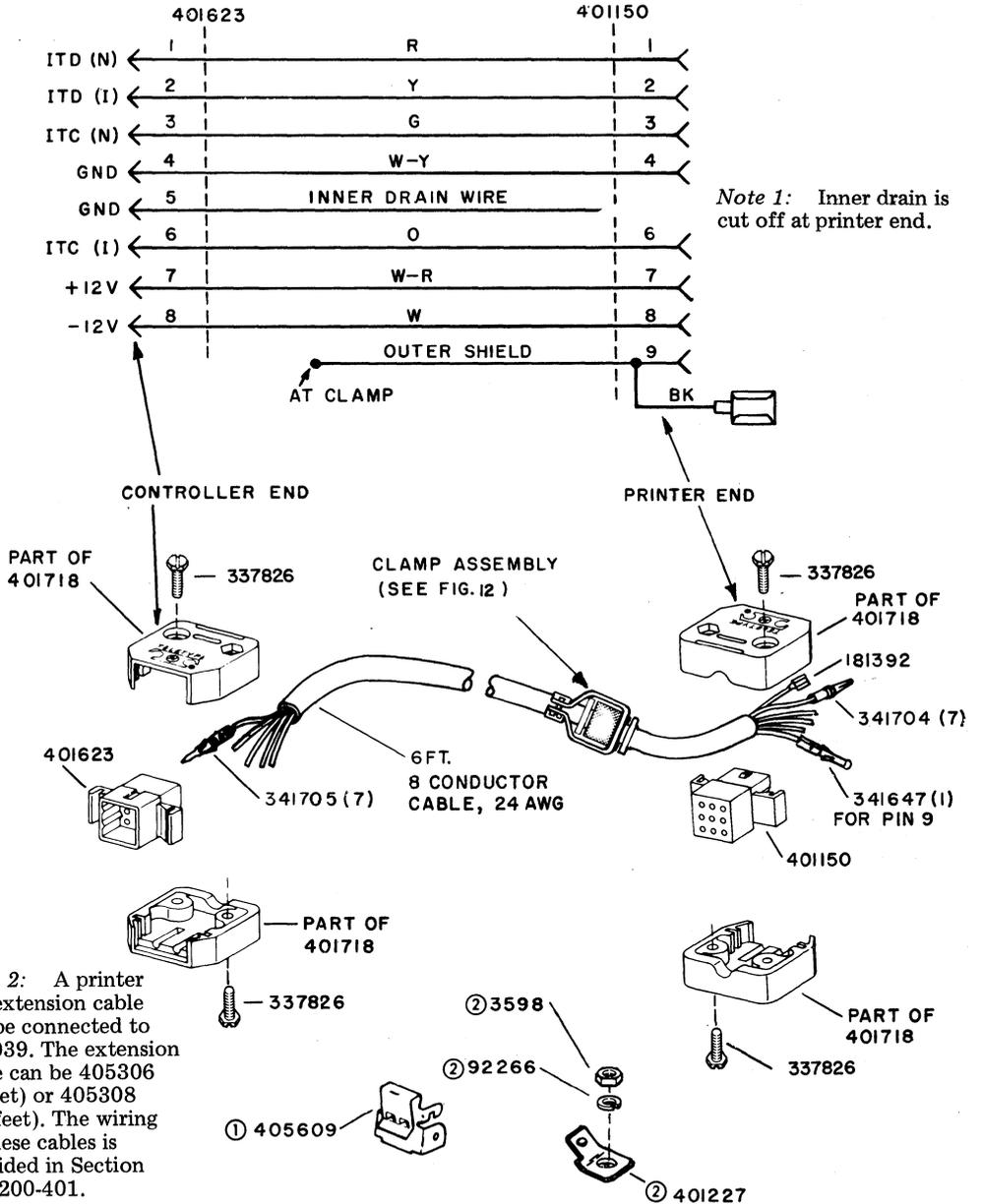


Fig. 10

B. 406039 SSI Cable Assembly and Extension Cables (See Note 2.)



- ① Supplied with cable, used on tractor feed printer cabinet.
- ② Supplied with cable, used on friction feed printer cabinet.

Fig. 11

C. 406066 Private Line Interface Unit Cable Assembly

APPLICATION: (C 304 CONTROLLER—PLIU)

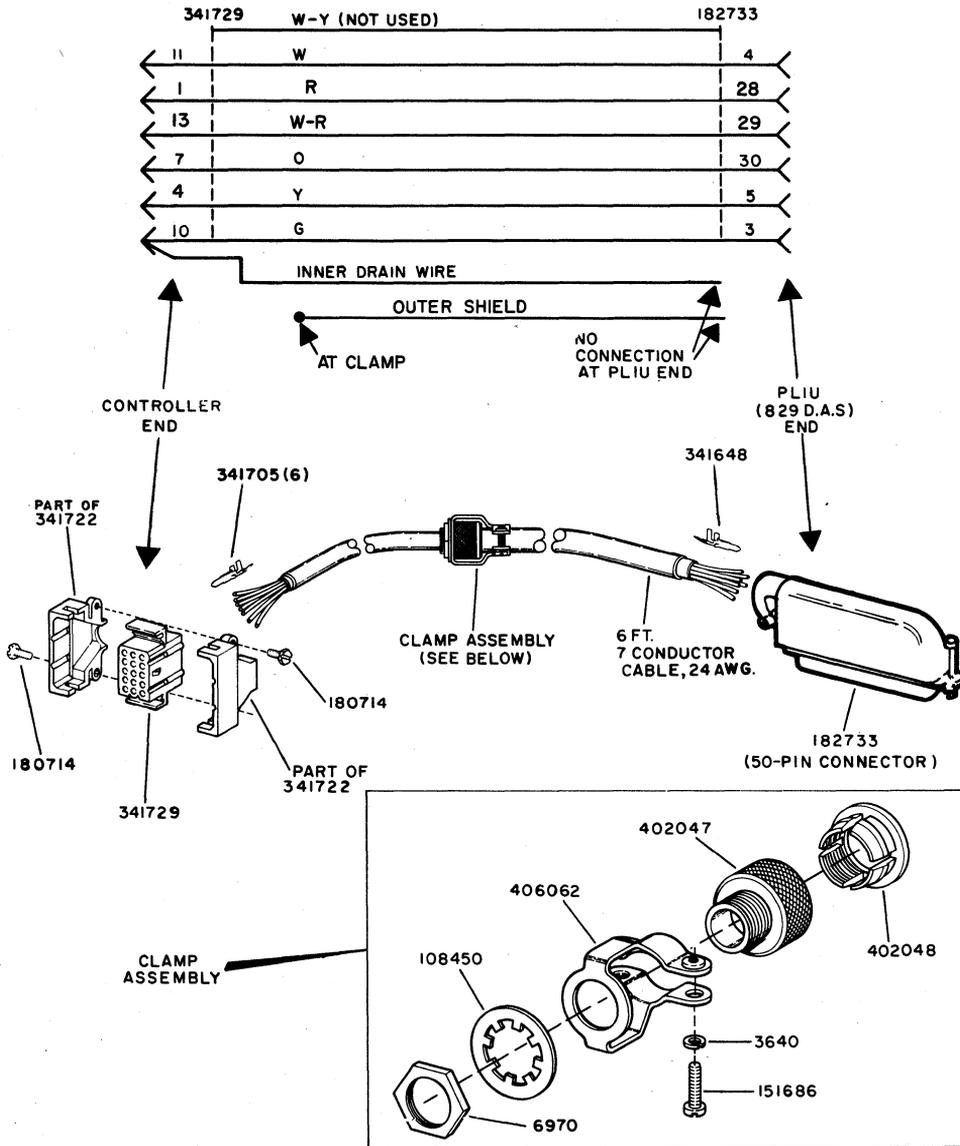


Fig. 12