board. Then solder the remaining 46 pins on the component side to traces.

Turn PC board over and solder the other 50 pins to the traces on the solder side of the board.

*( ) Step 3. Install the other five 100-pin edge connectors. Position connector on front side of board and insert pins. On solder (back) side of board, solder pins at opposite corners of the connector to hold it in place. Then solder remaining 98 pins. (Refer to Paragraph 6.6.1 on Page VI-6 for definition of front side of board.)

*( ) Step 4. Connect 3" 5-wire cable to circuit board to uppermost pads in top right corner.

Insert wires from solder (back) side of board and solder on component (front) side of board. Connect cable leads as follows:

CABLE LEAD	PAD
White	Ground (fifth hole from right)
White	Ground (fourth hole from right)
Blue	+8 V dc (third hole from right)
Red-White	+16 V dc (second hole from right)
Yellow-White	-16 V dc (first hole from right)

NOTE

Pad orientations given above are as viewed from component (front) side of circuit board.

*( ) Step 5. Fill all exposed (not covered with lacquer) feethrough holes on right-hand side of board.

The backplane board is now assembled. Set it to one side for later installation in the cabinet-chassis.

6.6.2 Wooden-masonite Parts

Refer to Drawing No's. 101007 and 101008 in Section X.

( ) Step 6. Finish walnut side panels.

The sides of the Sol cabinet are solid black walnut which have been sanded to a smooth surface. If there should be any blemishes, remove them with 220 grit abrasive paper. SAND WITH THE GRAIN...NEVER ACROSS THE GRAIN.