



NOTES:

1. ALL RESISTOR VALUES ARE IN OHMS (k=1,000, M=1,000,000) ALL RESISTORS ARE 1/4-WATT, 5% UNLESS OTHERWISE SPECIFIED.
2. ALL CAPACITOR VALUES ARE IN μ F (MICROFARADS), UNLESS OTHERWISE SPECIFIED.
3. REFER TO THE CIRCUIT BOARD X-RAY VIEWS FOR THE PHYSICAL LOCATION OF PARTS.

LEGEND:

1. \perp CHASSIS GROUND
2. ∇ CIRCUIT BOARD GROUND
3. \rightarrow DIRECTION
4. \leftarrow SIGNAL FROM S-100 BUS
5. \leftarrow SIGNAL TO S-100 BUS
6. \leftrightarrow BIDIRECTIONAL SIGNAL
7. \rightarrow MALE CONNECTION
8. \leftarrow FEMALE CONNECTION
9. $+$ NO CONNECTION
10. \square CONNECTION
11. \diamond A 220 Ω PULL-UP RESISTOR (RP10) IS CONNECTED AT THIS SYMBOL.

PARTS ORDERING INFORMATION:

If you order a part from Zenith Data Systems, use the (HE) prefix. Example: HE 443-730
 If you order a part from Heath Company, DO NOT use the (HE) prefix. Example: 443-730
 For semiconductor type numbers (Example: 74LS153), refer to the "Semiconductor Identification Chart."

**Z-217-1
 WINCHESTER DISK CONTROLLER
 BOARD SCHEMATIC
 SHEET 1 OF 1**

Part Number 595-3014

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