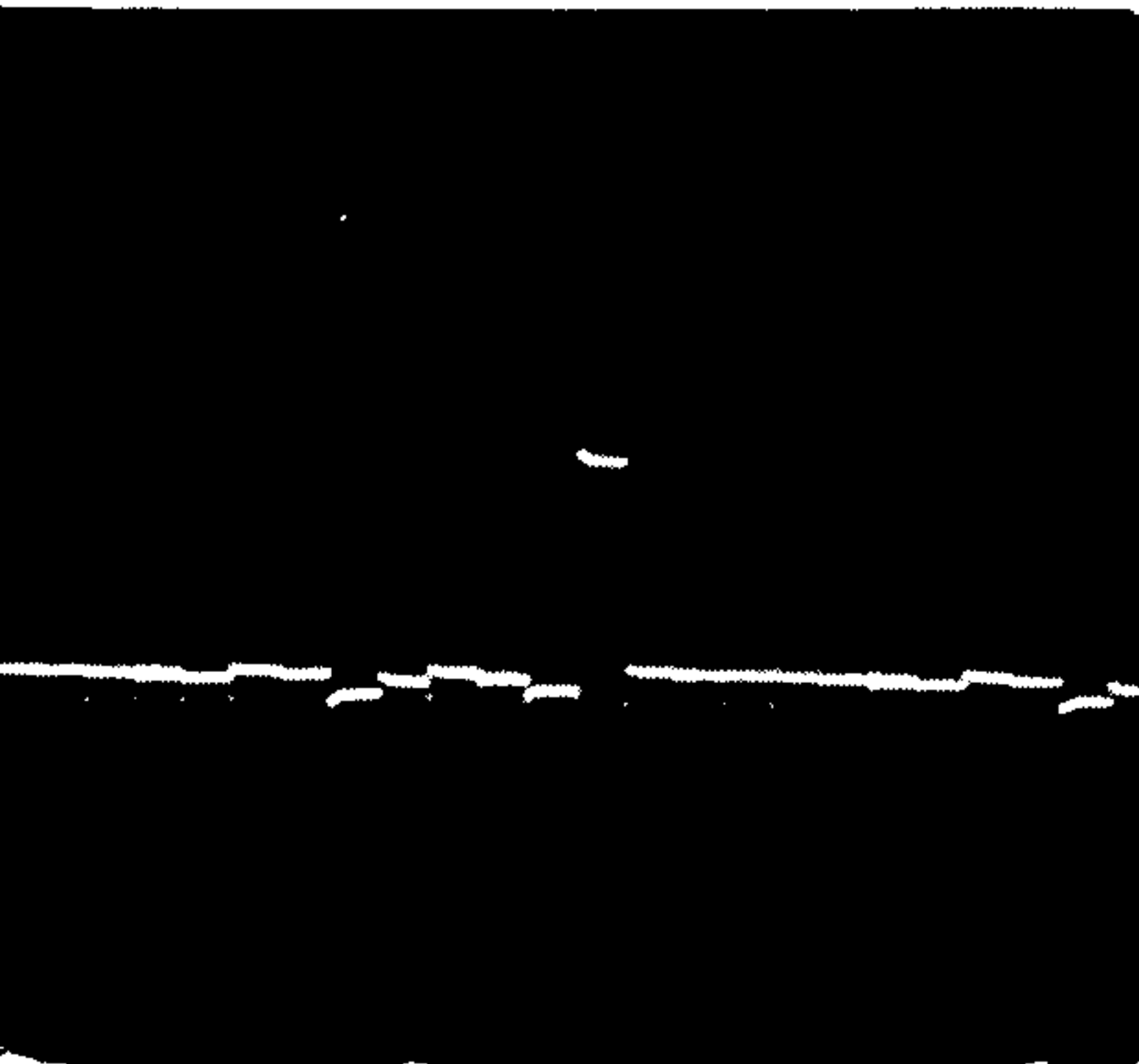
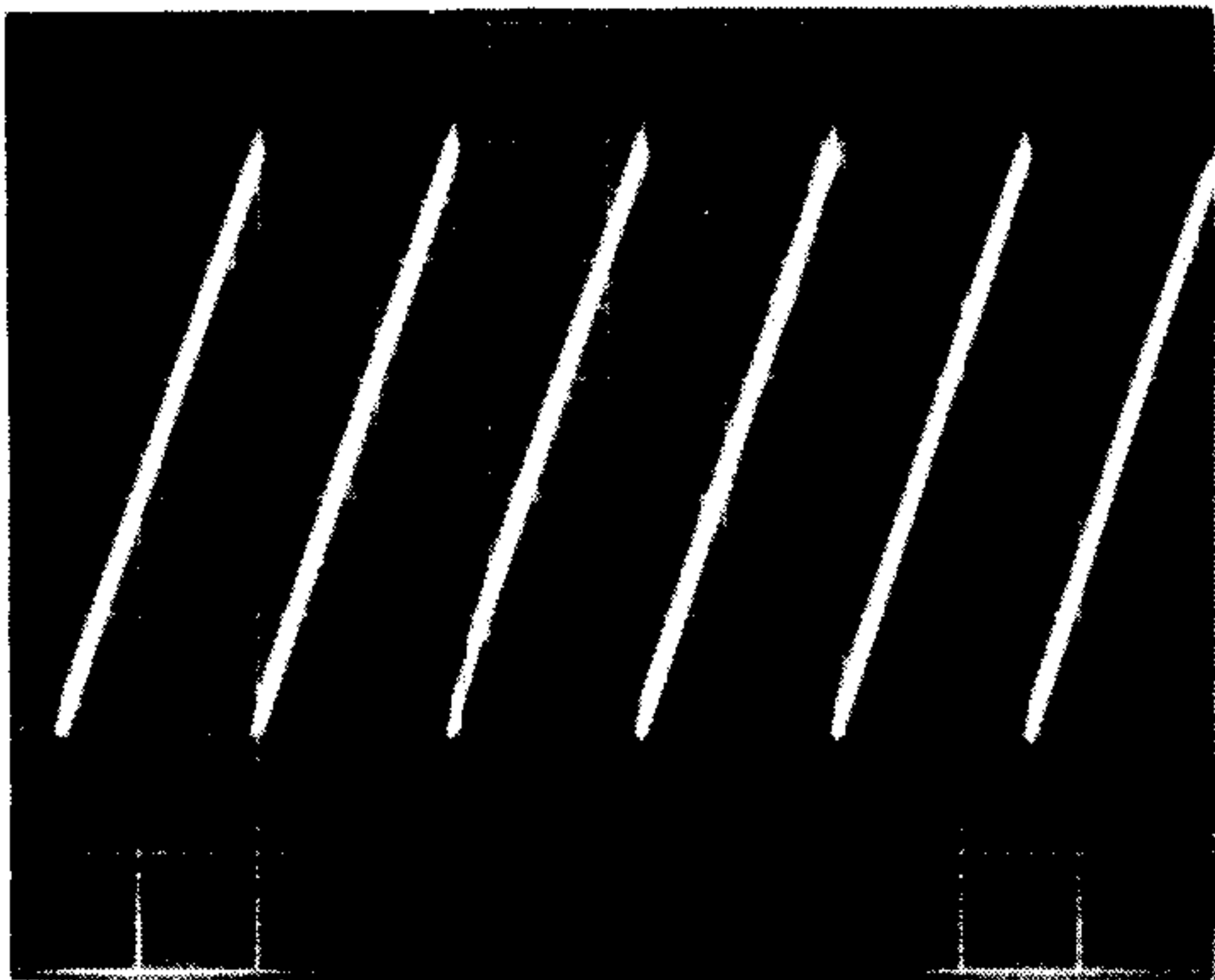


WAVEFORMS

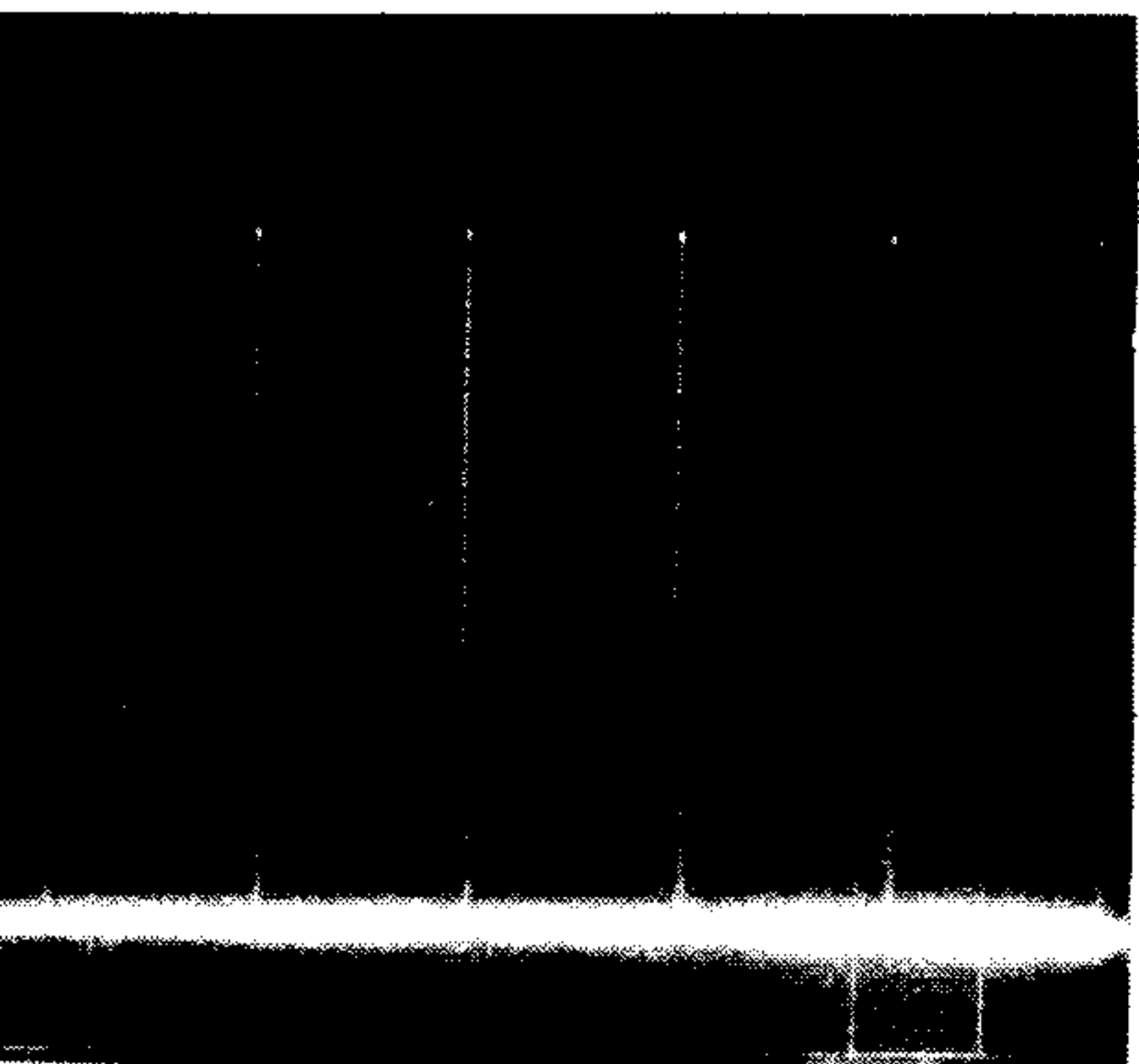
1 1V/DIVISION



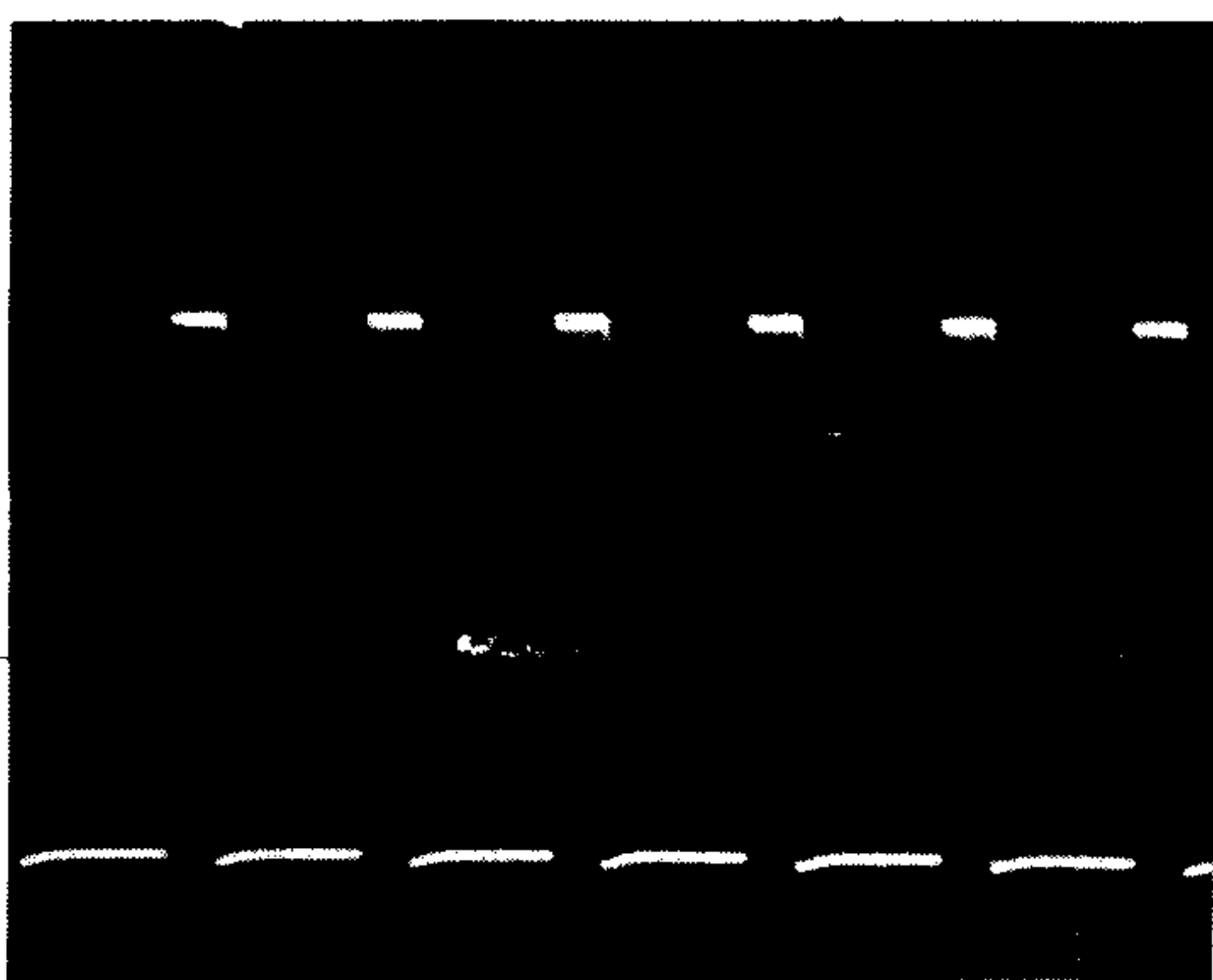
2 1V/DIVISION
2msec/Div



3 5V/DIVISION



4 1V/DIVISION



SCHEMATIC OF THE
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MODEL ID-4001

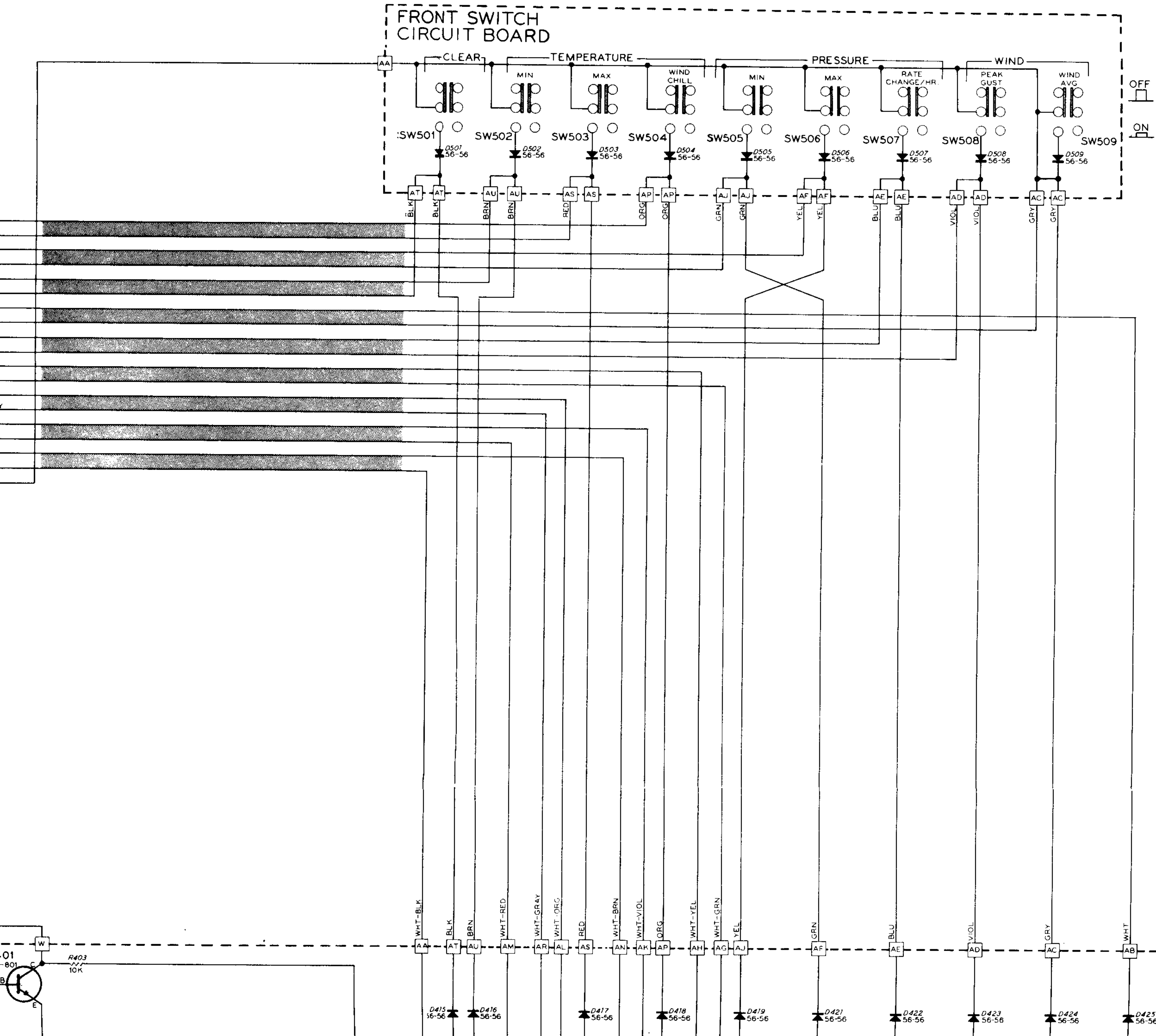
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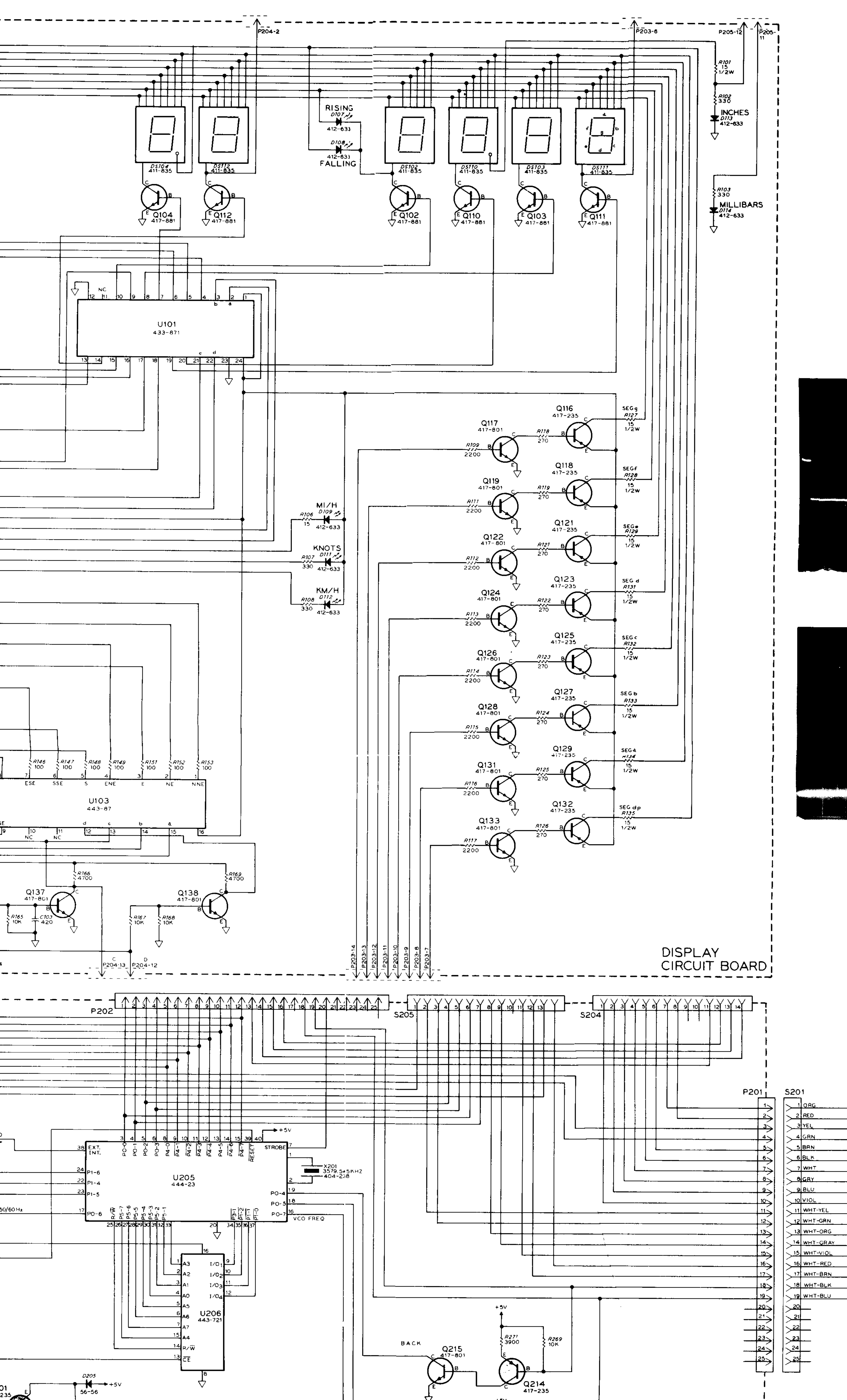
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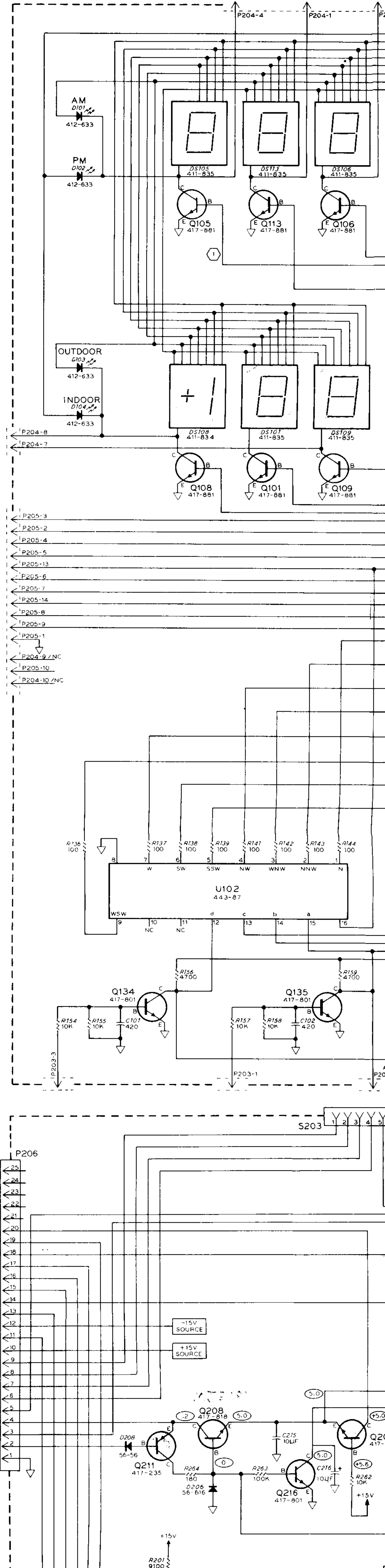
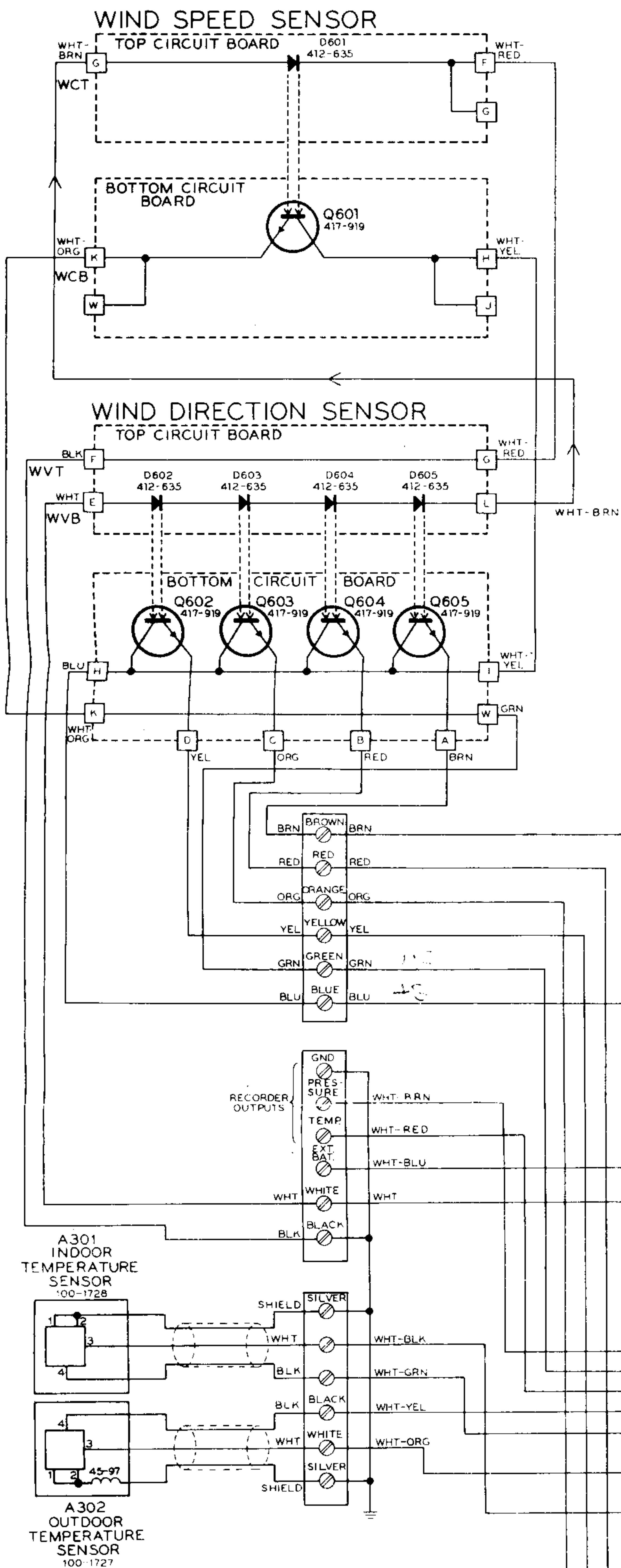
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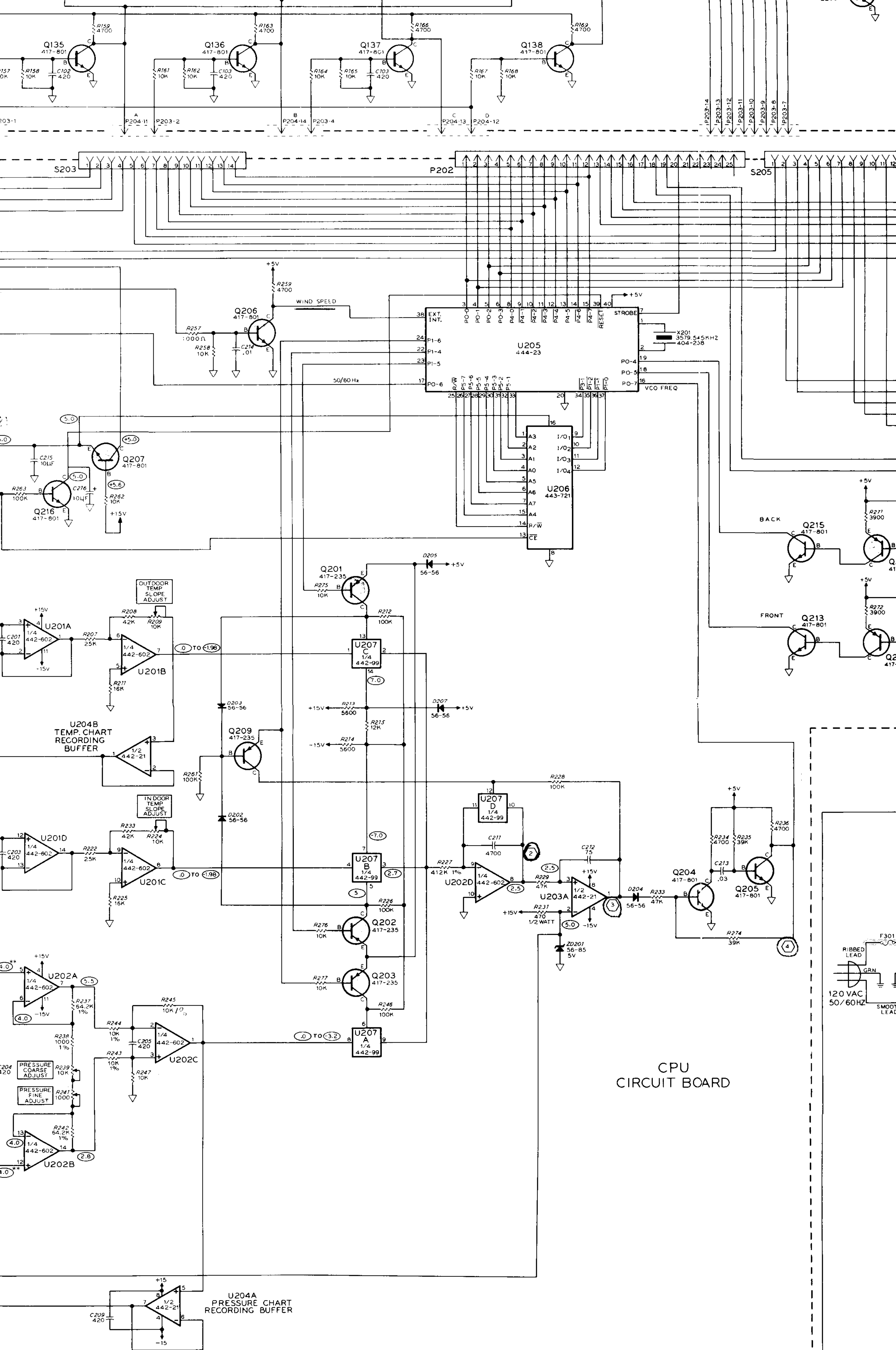
NOTES:

- COMPONENTS ON THE CIRCUIT BOARDS AND CHASSIS ARE IN THE FOLLOWING GROUPS:
101-199 DISPLAY CIRCUIT BOARD.
201-299 CPU CIRCUIT BOARD.
301-350 FRONT PANEL/ CHASSIS.
401-450 BACK PANEL/ POWER SUPPLY CIRCUIT BOARD.
501-550 FRONT PANEL CIRCUIT BOARD.
601-650 SENSOR CIRCUIT BOARDS.
- RESISTORS ARE 1/2 WATT 10%, UNLESS MARKED OTHERWISE. VALUES ARE IN OHMS (K=1000, M=1,000,000).
- CAPACITOR VALUES LESS THAN 1 ARE IN μ F. CAPACITOR VALUES 1 OR ABOVE ARE IN μ F UNLESS MARKED OTHERWISE.
- THIS SYMBOL INDICATES A DC VOLTAGE MEASURED FROM THE POINT INDICATED TO GROUND. MEASUREMENTS WERE MADE WITH A HIGH IMPEDANCE VOLTMMETER.
- ** VOLTAGES SUBJECT TO CHANGE WITH PRESSURE TRANSDUCER VARIATIONS.
 THIS SYMBOL INDICATES A DC VOLTAGE MEASURED FROM THE POINT INDICATED TO GROUND. MEASUREMENTS WERE MADE WITH A HIGH IMPEDANCE VOLTMMETER.
- THIS SYMBOL INDICATES A CIRCUIT BOARD GROUND.
- THIS SYMBOL INDICATES A CHASSIS GROUND.
- THIS SYMBOL INDICATES A PLUG-TO-SOCKET CONNECTION. THE NUMBER FOLLOWING THE PLUG NUMBERS INDICATES THE PARTICULAR PIN NUMBER. FOR EXAMPLE: P101-1 MEANS PLUG P101 PIN 1.
- THIS SYMBOL INDICATES A WAVEFORM DISPLAY AT THAT POINT. THE WAVEFORM FREQUENCY AND AMPLITUDE ARE SHOWN ON EACH DISPLAY.

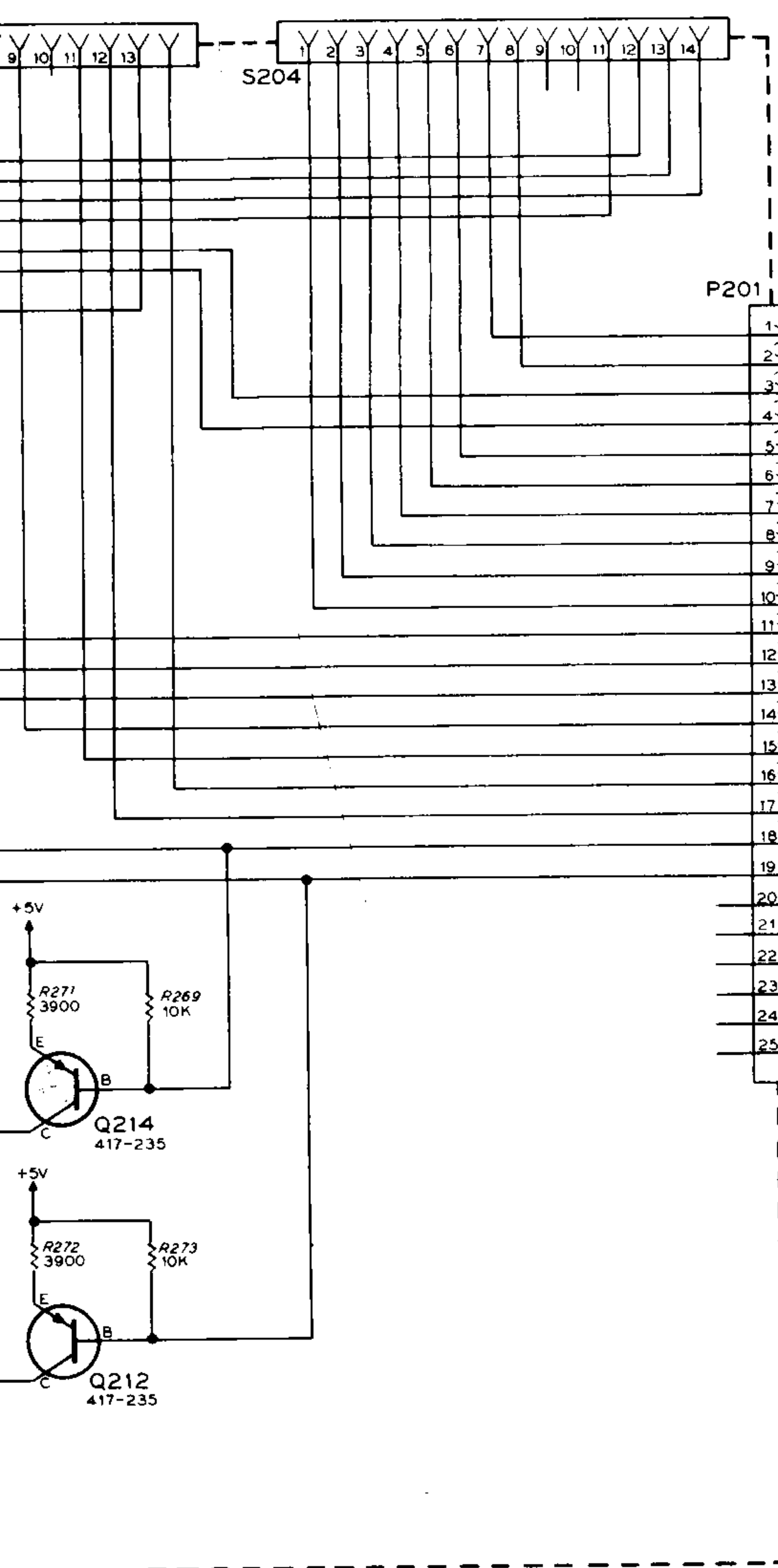




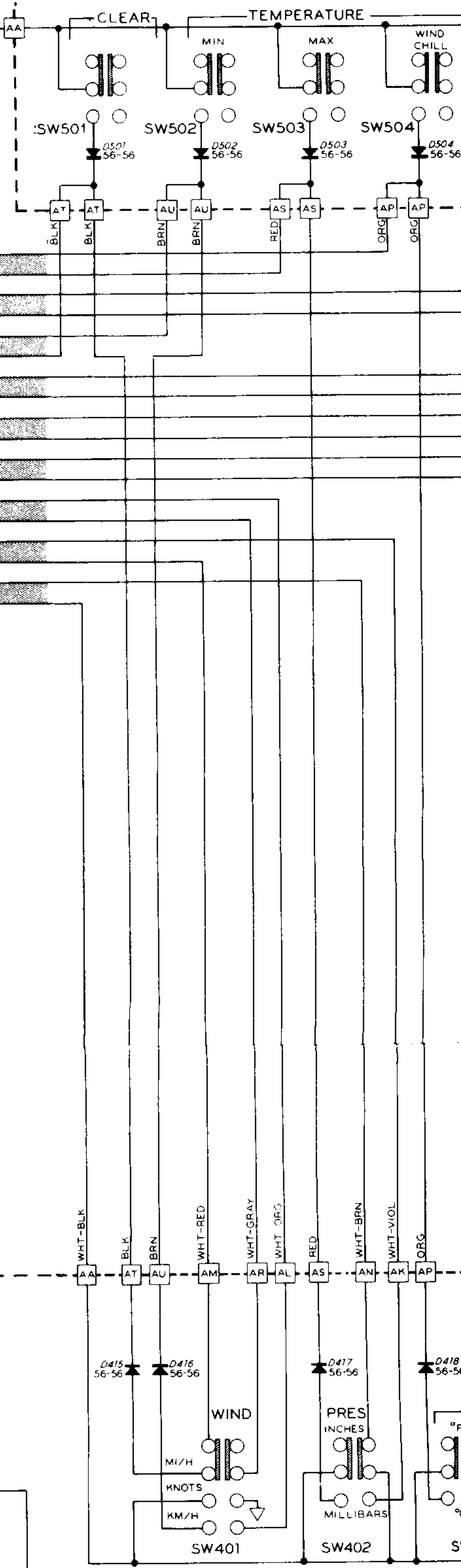




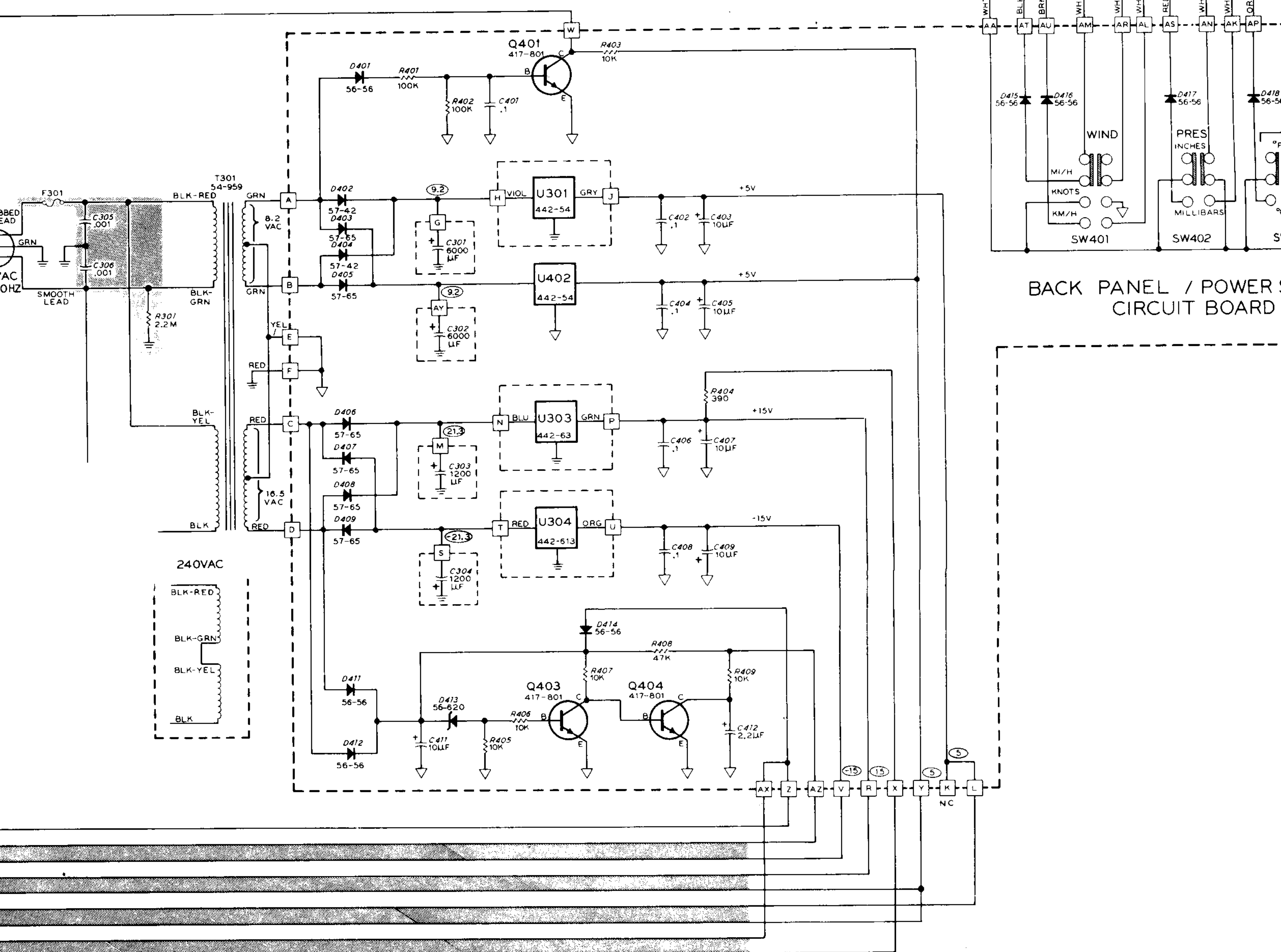
DISPLAY
CIRCUIT BOARD



FRONT SWITCH
CIRCUIT BOARD



BACK PANEL / POWER
CIRCUIT BOARD



8. → THIS SYMBOL INDICATES A PLUG-TO-SOCKET CONNECTION. THE NUMBER FOLLOWING THE PLUG NUMBERS INDICATES THE PARTICULAR PIN NUMBER. FOR EXAMPLE: P101-1 MEANS PLUG P101 PIN 1.
9. ○ THIS SYMBOL INDICATES A WAVEFORM DISPLAY AT THAT POINT. THE WAVEFORM FREQUENCY AND AMPLITUDE ARE SHOWN ON EACH DISPLAY.

