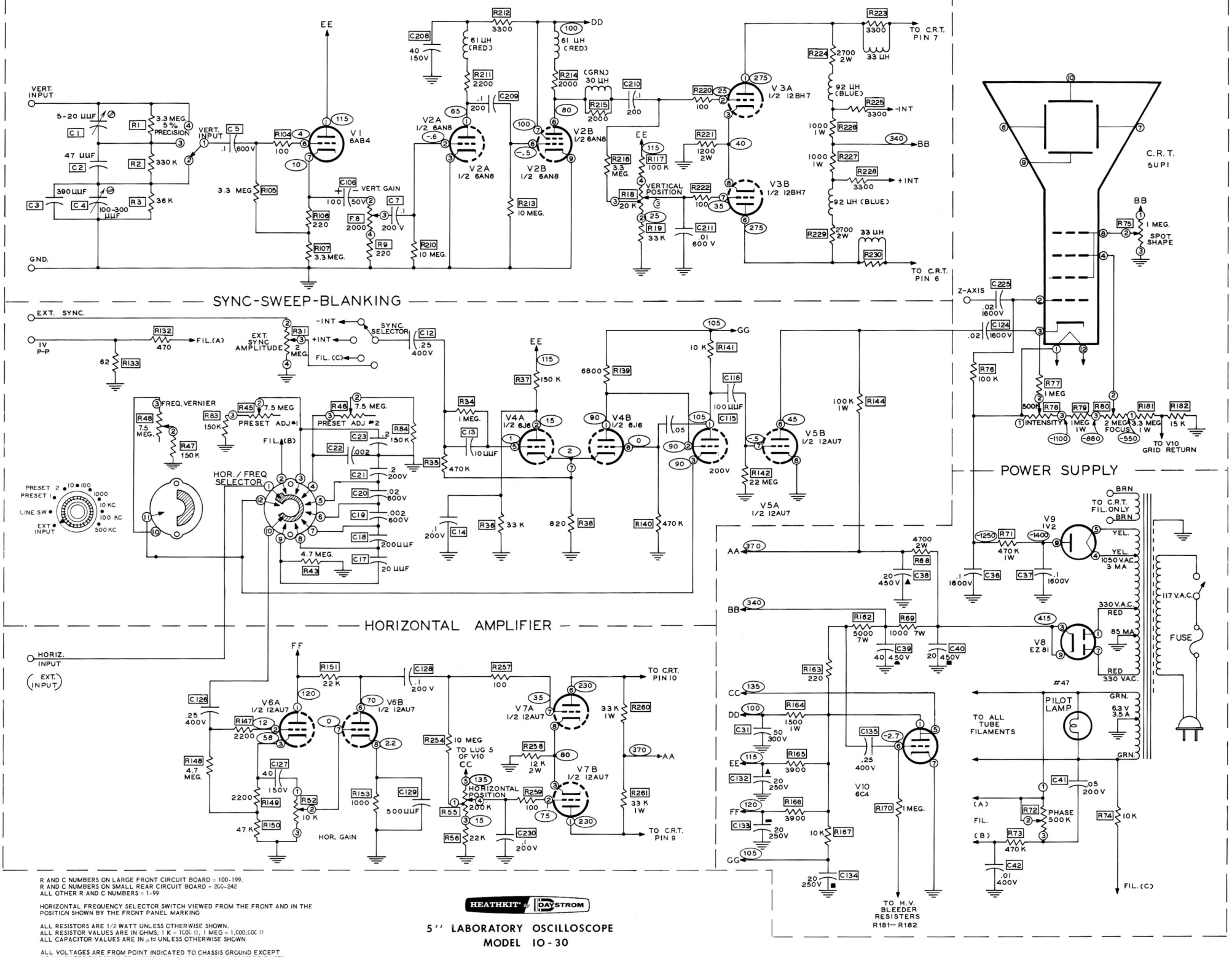
VERTICAL AMPLIFIER
SYNC-SWEEP-BLANKING
HORIZONTAL AMPLIFIER
POWER SUPPLY
VERT. INPUT
GND.
EXT. SYNC.
HORIZ. INPUT
EXT. INPUT
V1 6AB4
V2A 1/2 6AN8
V2B 1/2 6AN8
V3A 1/2 12BH7
V3B 1/2 12BH7
V4A 1/2 6J6
V4B 1/2 6J6
V5A 1/2 12AU7
V5B 1/2 12AU7
V6A 1/2 12AU7
V6B 1/2 12AU7
V7A 1/2 12AU7
V7B 1/2 12AU7
V8 EZ81
V9 1V2
V10 6C4
C.R.T. 5UP1
TO C.R.T. PIN 7
TO C.R.T. PIN 6
TO C.R.T. PIN 10
TO C.R.T. PIN 9
VERTICAL POSITION
HORIZONTAL POSITION
HOR. GAIN
VERT. GAIN
EXT. SYNC AMPLITUDE
SYNC SELECTOR
HOR. / FREQ SELECTOR
FREQ. VERNIER
PRESET ADJ #1
PRESET ADJ #2
INTENSITY
SPOT SHAPE
PHASE
PILOT LAMP
TO ALL TUBE FILAMENTS
TO H.V. BLEEDER RESISTERS R181—R182
TO V10 GRID RETURN
FUSE
117 V.A.C.
HEATHKIT by DAYSTROM
5" LABORATORY OSCILLOSCOPE
MODEL 10-30
R AND C NUMBERS ON LARGE FRONT CIRCUIT BOARD = 100-199.
R AND C NUMBERS ON SMALL REAR CIRCUIT BOARD = 200-242
ALL OTHER R AND C NUMBERS = 1-99
HORIZONTAL FREQUENCY SELECTOR SWITCH VIEWED FROM THE FRONT AND IN THE POSITION SHOWN BY THE FRONT PANEL MARKING
ALL RESISTORS ARE 1/2 WATT UNLESS OTHERWISE SHOWN.
ALL RESISTOR VALUES ARE IN OHMS, 1 K = 1,000 Ω, 1 MEG = 1,000,000 Ω
ALL CAPACITOR VALUES ARE IN μfd UNLESS OTHERWISE SHOWN.
ALL VOLTAGES ARE FROM POINT INDICATED TO CHASSIS GROUND EXCEPT AC VOLTAGES ON POWER TRANSFORMER WINDINGS. READINGS WERE TAKEN WITH AN 11 MEGOHM INPUT VTVM.