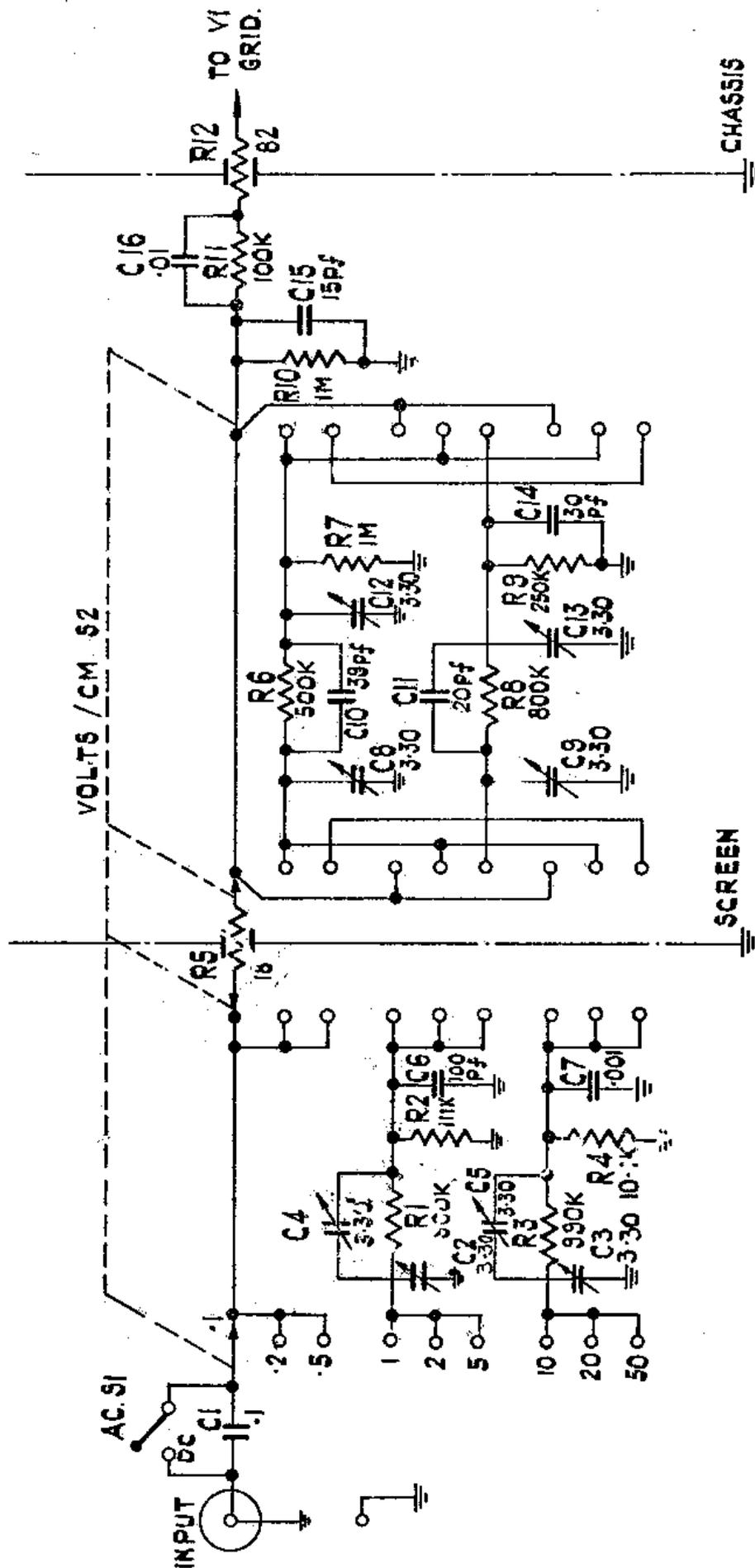


INPUT ATTENUATORS TYPE D 31 & D 31 R

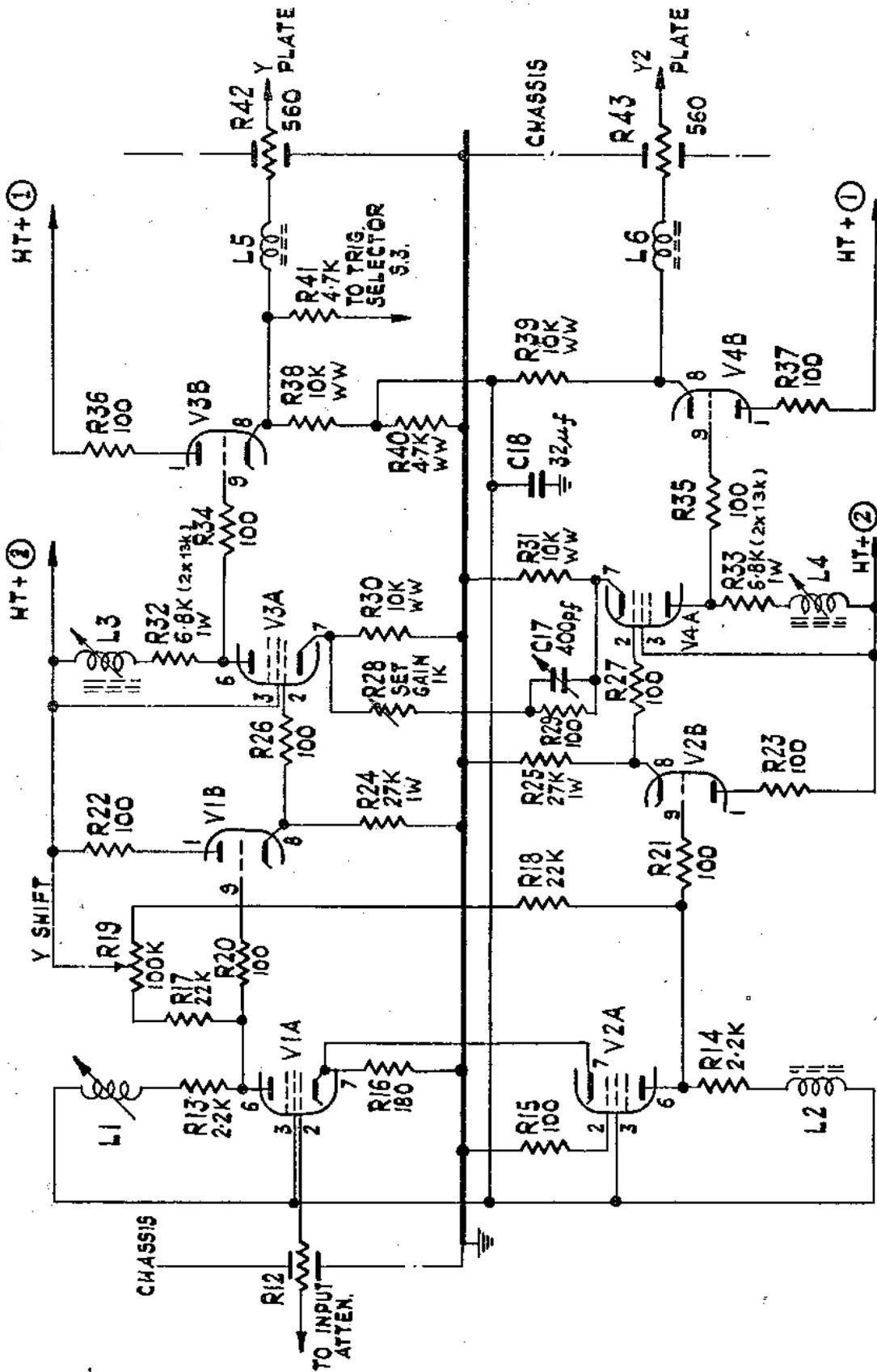
IDENTICAL FOR UPPER & LOWER TRACES



VERTICAL AMPLIFIERS

IDENTICAL FOR UPPER & LOWER TRACES.

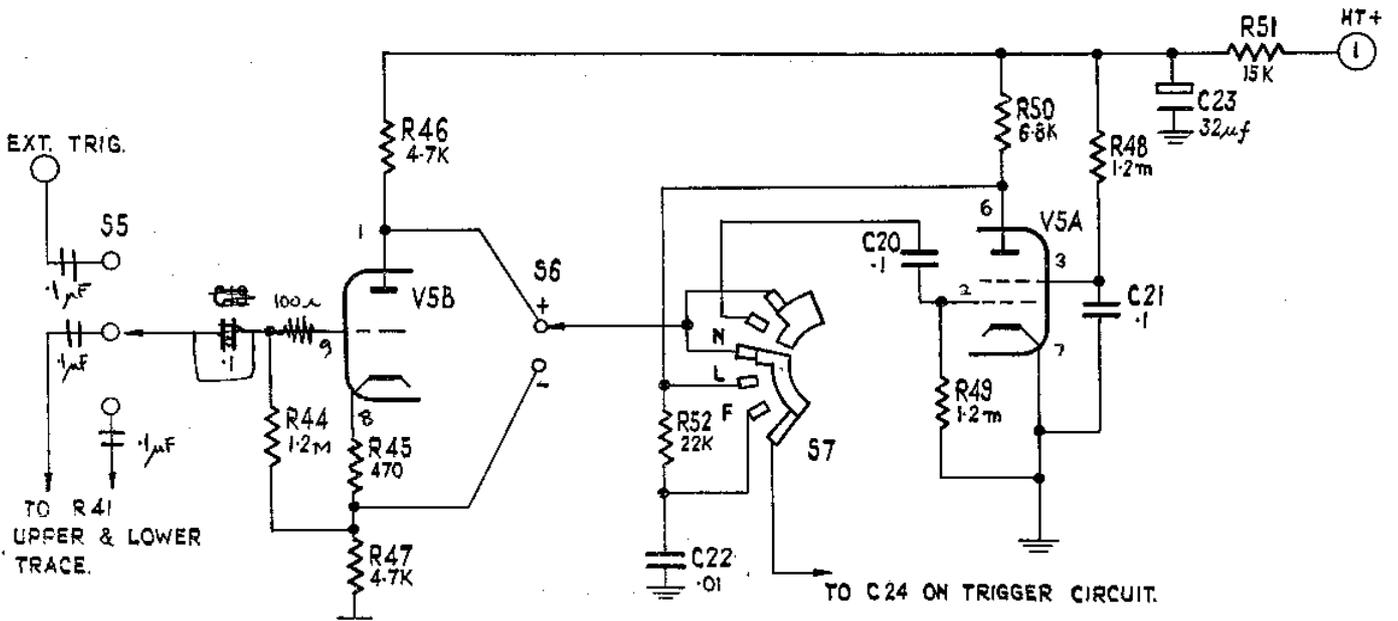
TYPE D31 & D31R



UPPER TRACE AMPLIFIER V1 V2 V3 & V4
 LOWER " " V11 V12 V13 & V14

TRIGGER SELECTION

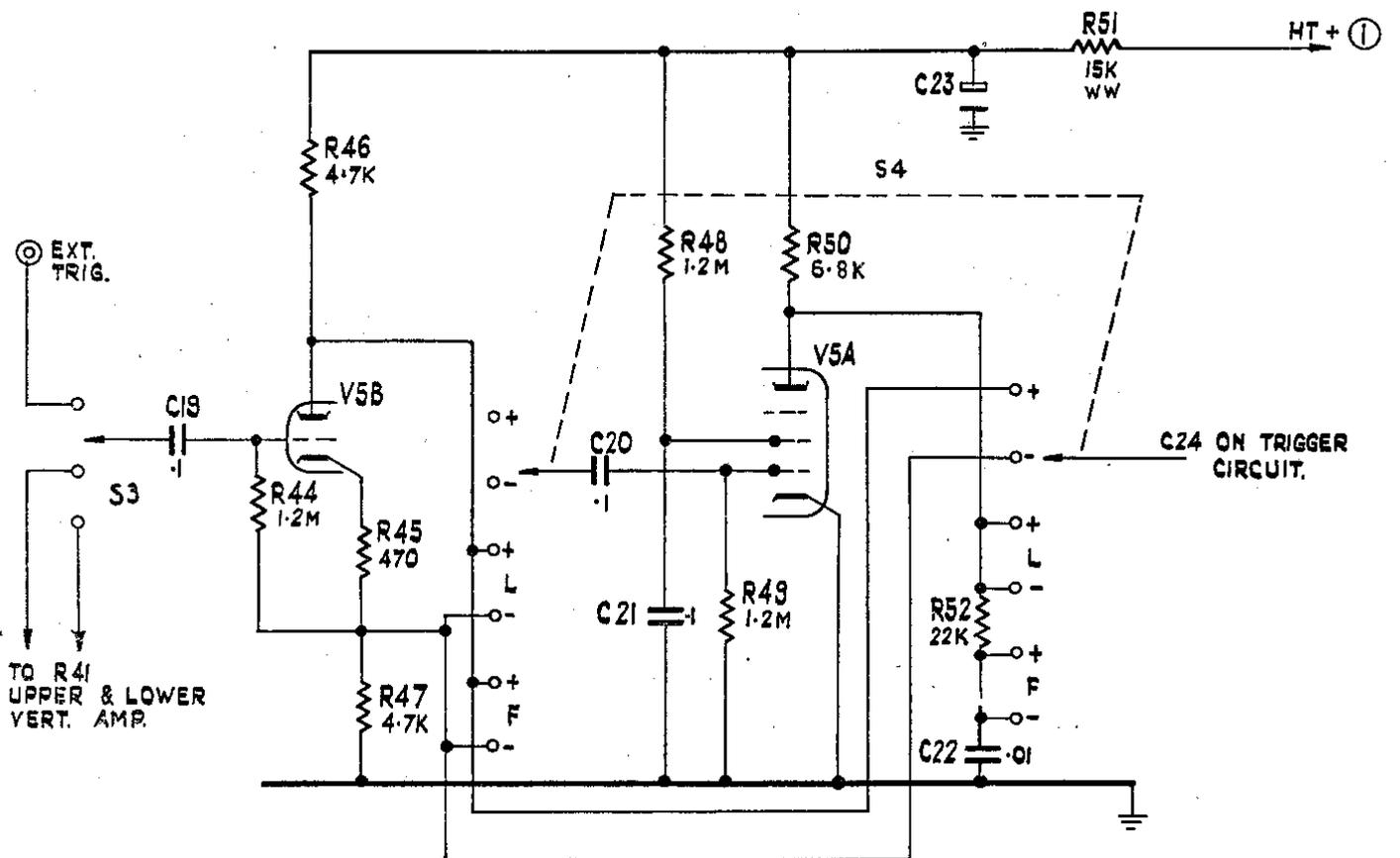
TYPE D 31



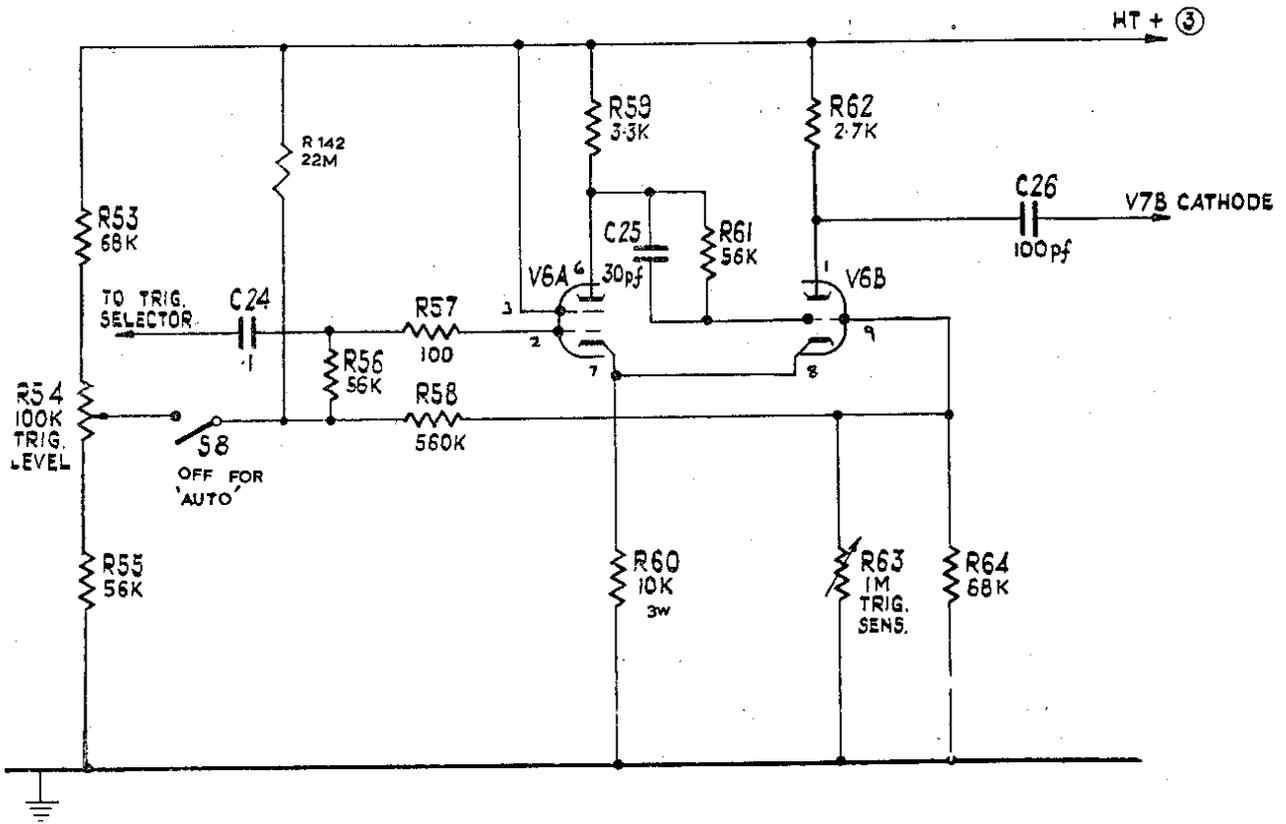
SWITCHES SHOWN IN 'NORMAL + VE' POSITION

TRIGGER SELECTION

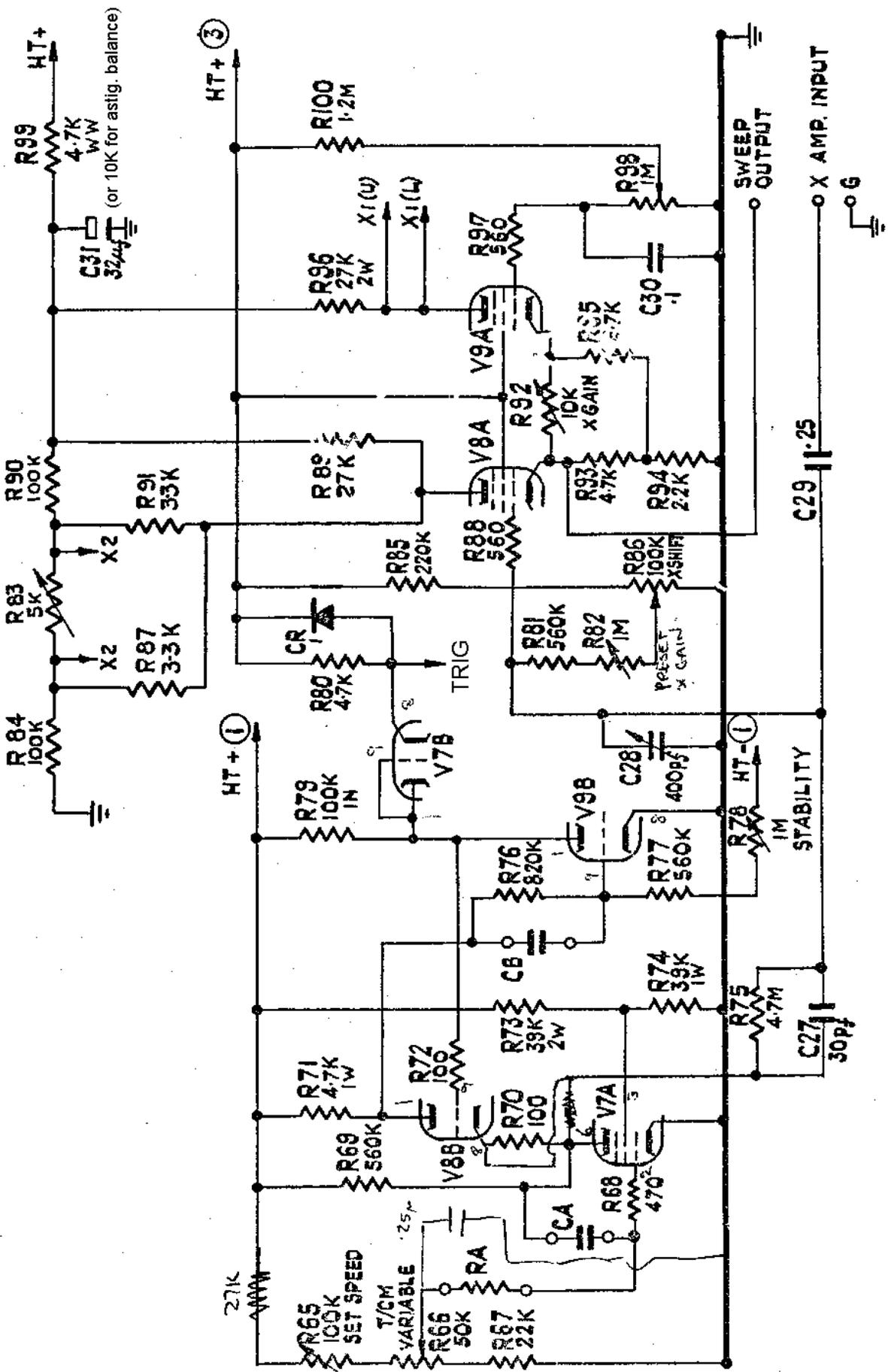
TYPE D 31R



TRIGGER CIRCUIT TYPE D31 & D31R

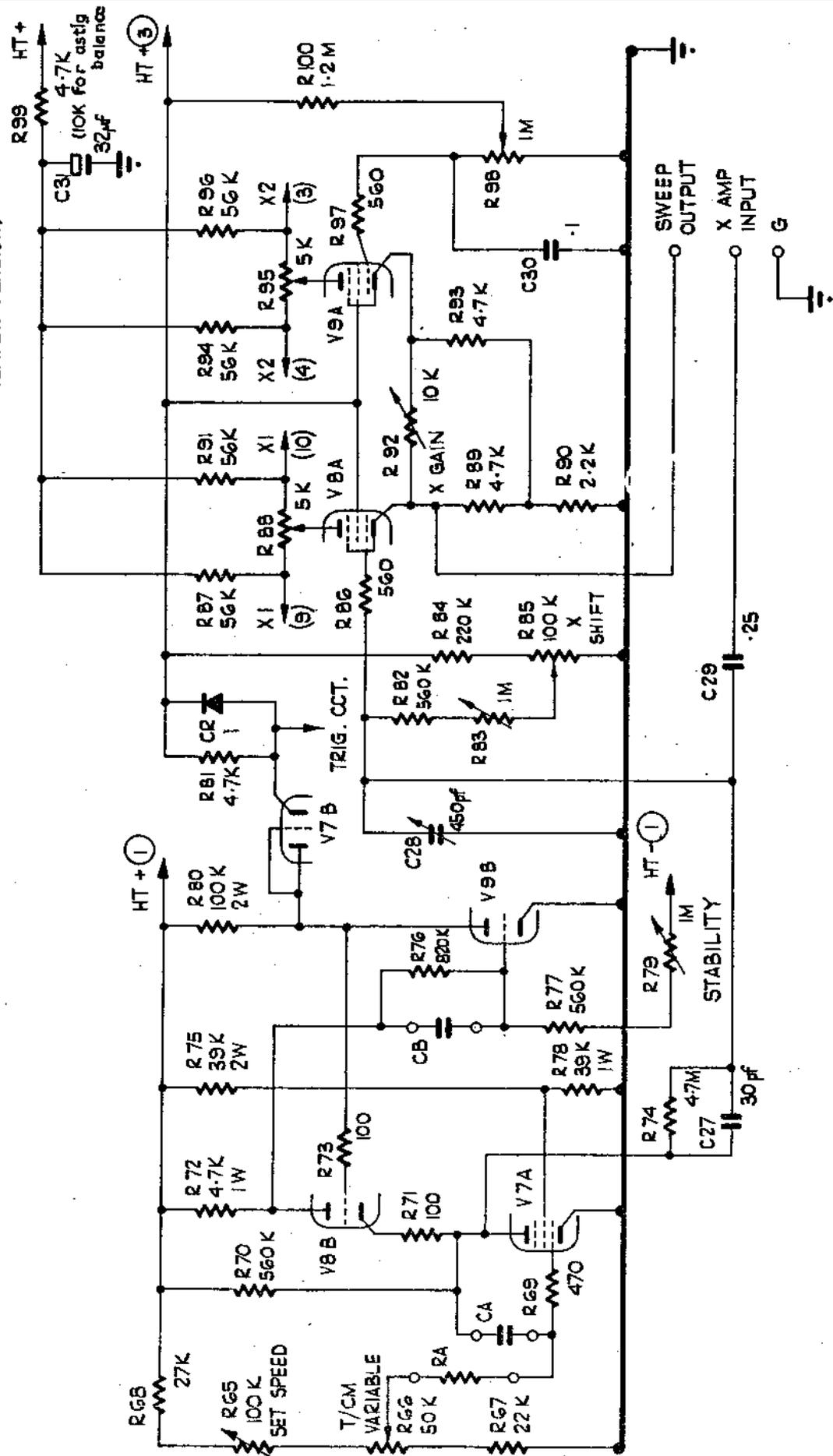


TIME BASE & HORIZ AMP. TYPE D31 & D31R

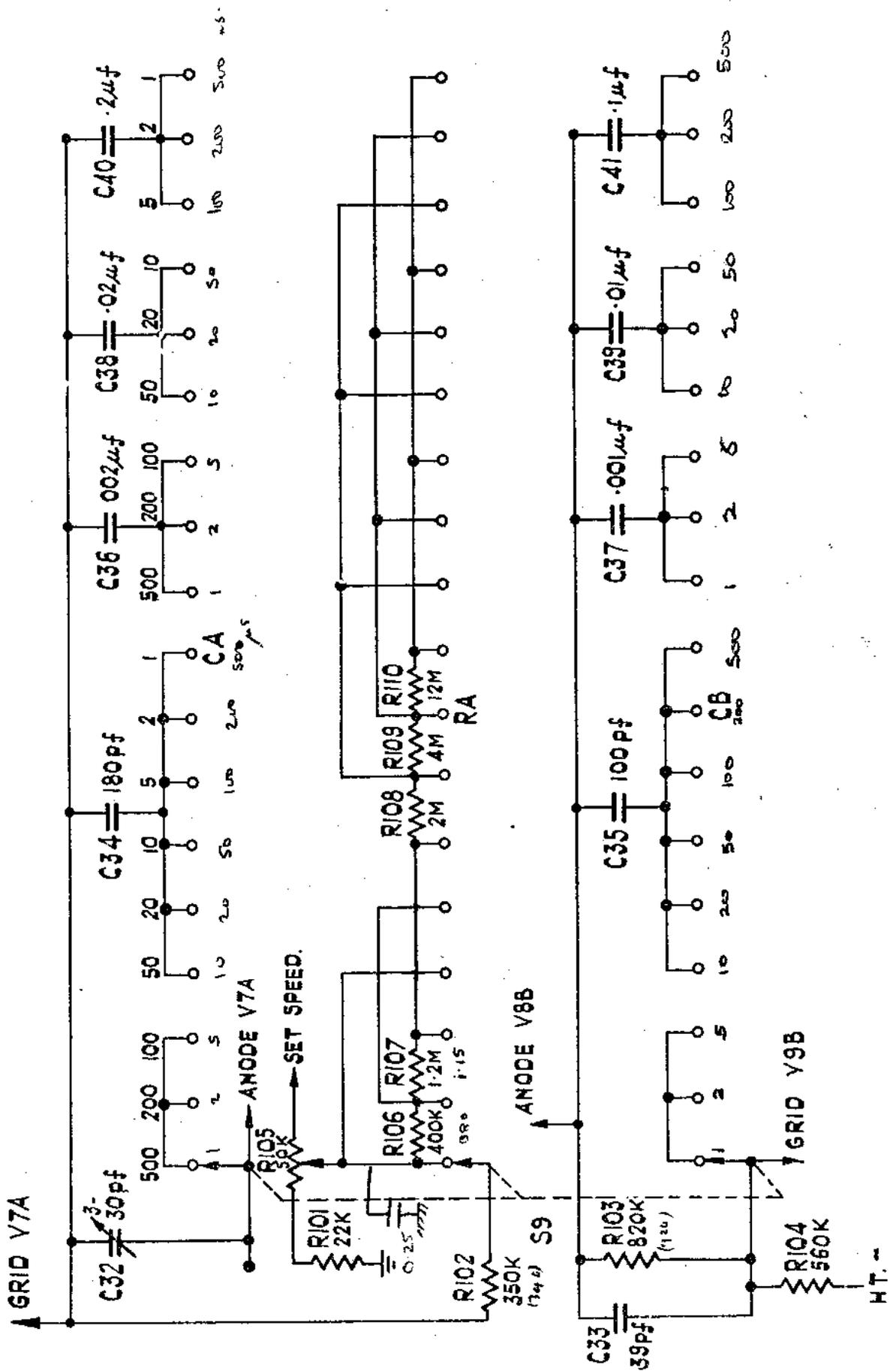


TIME BASE & HORIZ. AMP.

TYPE D31 & D31R (LATER VERSION)

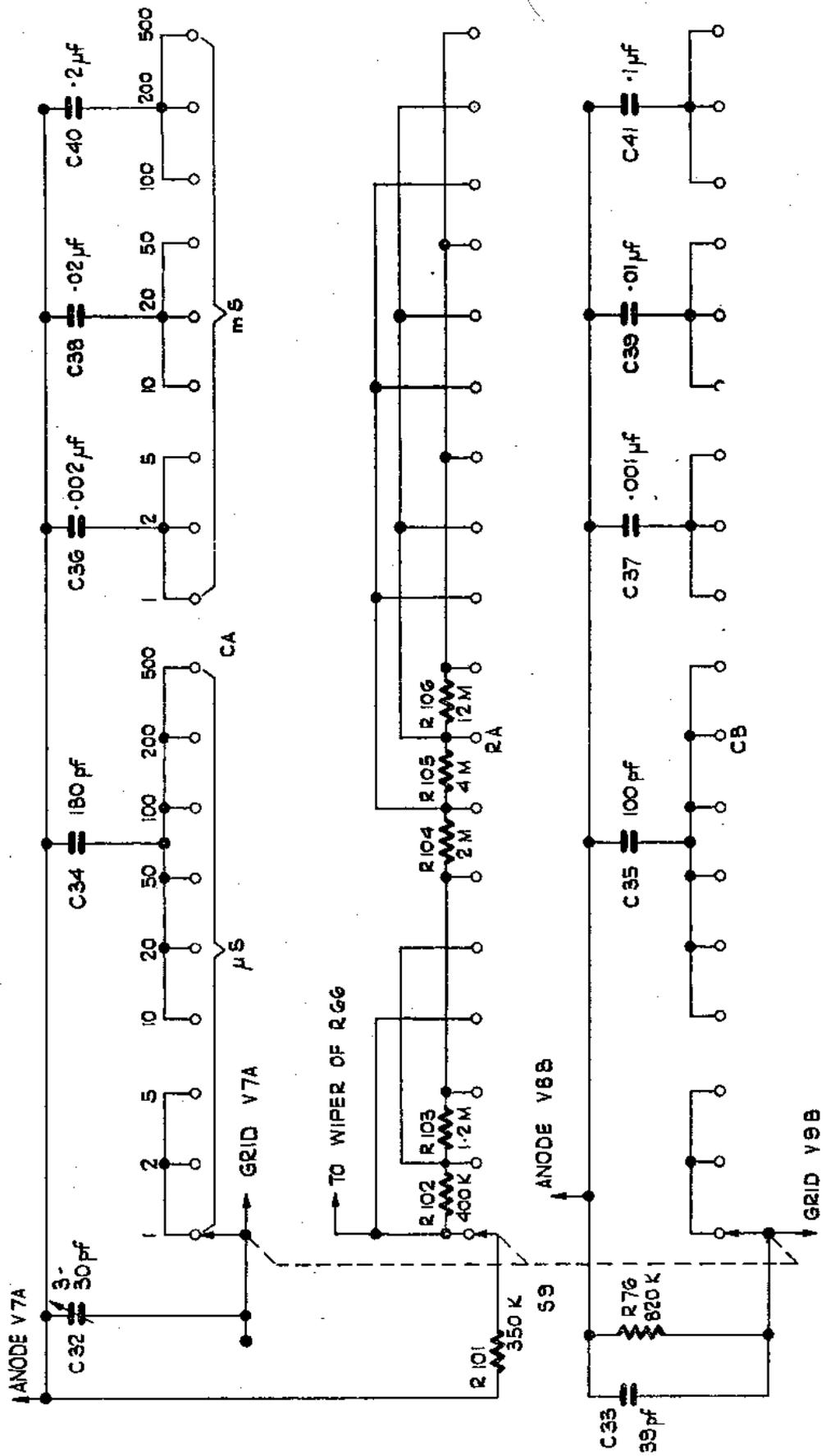


TIME BASE SWITCH TYPE D31 & D31R

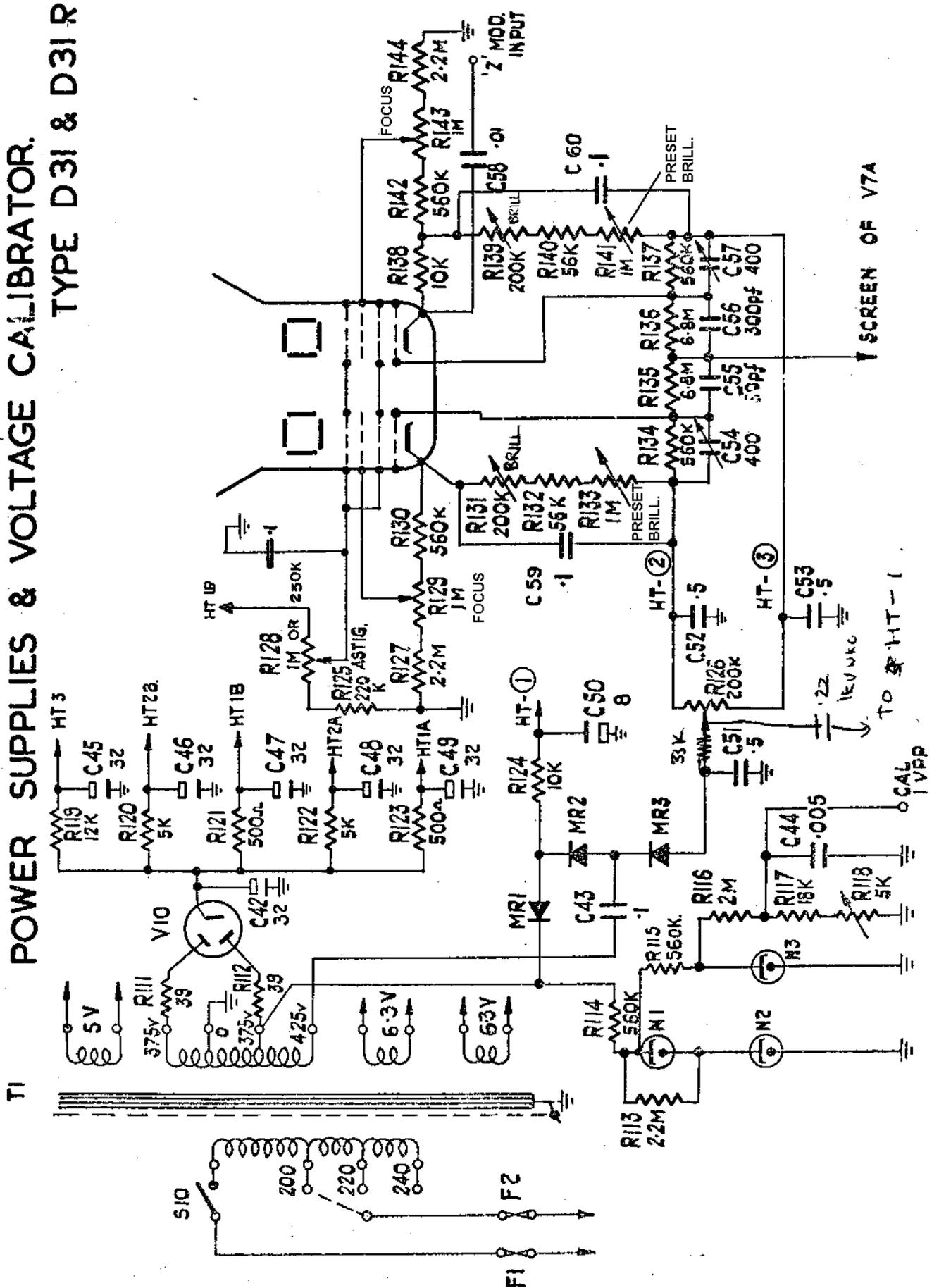


TYPE D31 & D31R (LATER VERSION)

TIME BASE SWITCH



POWER SUPPLIES & VOLTAGE CALIBRATOR. TYPE D31 & D31R



VOLTAGES FOR D31 AND D31R

<u>Tube</u>	<u>Anode V</u>	<u>Screen Grid V</u>	<u>Control Grid V</u>	<u>Cathode V</u>	
V1A & V11A	100	100	0	1.5	Avo Meter on 10V range
V1B & V11B	260	-	100	104	
V2A & V12A	100	100	0	1.5	Avo Meter on 10V range
V2B & V12B	260		100	104	
V3A & V13A	200	250	104	105	
V3B & V13B	390	-	200	210	
V4A & V14A	200	250	104	105	
V4B & V14B	390	-	200	210	
V5A	230	35	0	0	
V5B	190	-	40	50	
V6A	220	230	100	106	
V6B	210	-	100	106	
V7A	160	170	0	0	
V7B	70	-	70	225	
V8A	230	225	45	50	
V8B	380	-	60	150	
V9A	240	225	50	55	
V9B	60	-	-10	0	
V10A & B	375	-	-	420	
C. R. T. Both Guns					
Anode 1 & 3	200V	Anode 2	-740	Grid	-1, 200V
				Cathode	-1, 140V
HT1 A & B	400V	HT2 A & B	260V	HT3	HT-1
				H-2 & 3	-1, 250V

Measurements made with 'Avo' Model '8' on 1,000V range unless otherwise stated.

Measurements over 700 volts made on 2,500 volt range.

Measurements made with the absence of any 'Y' signal, and the stability advanced so that the time base just free runs.

The time/centimetre switch was set to 1 m.sec.