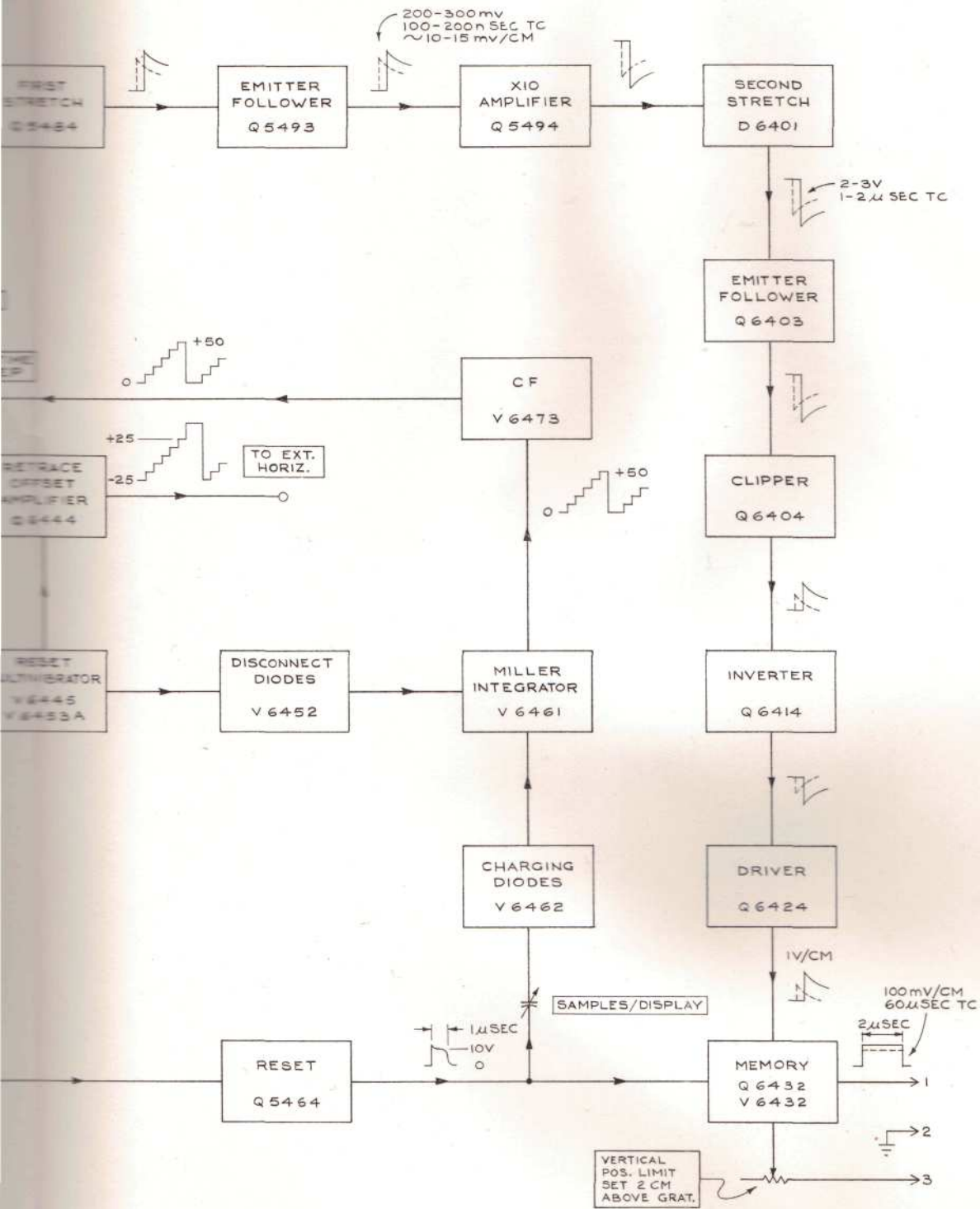
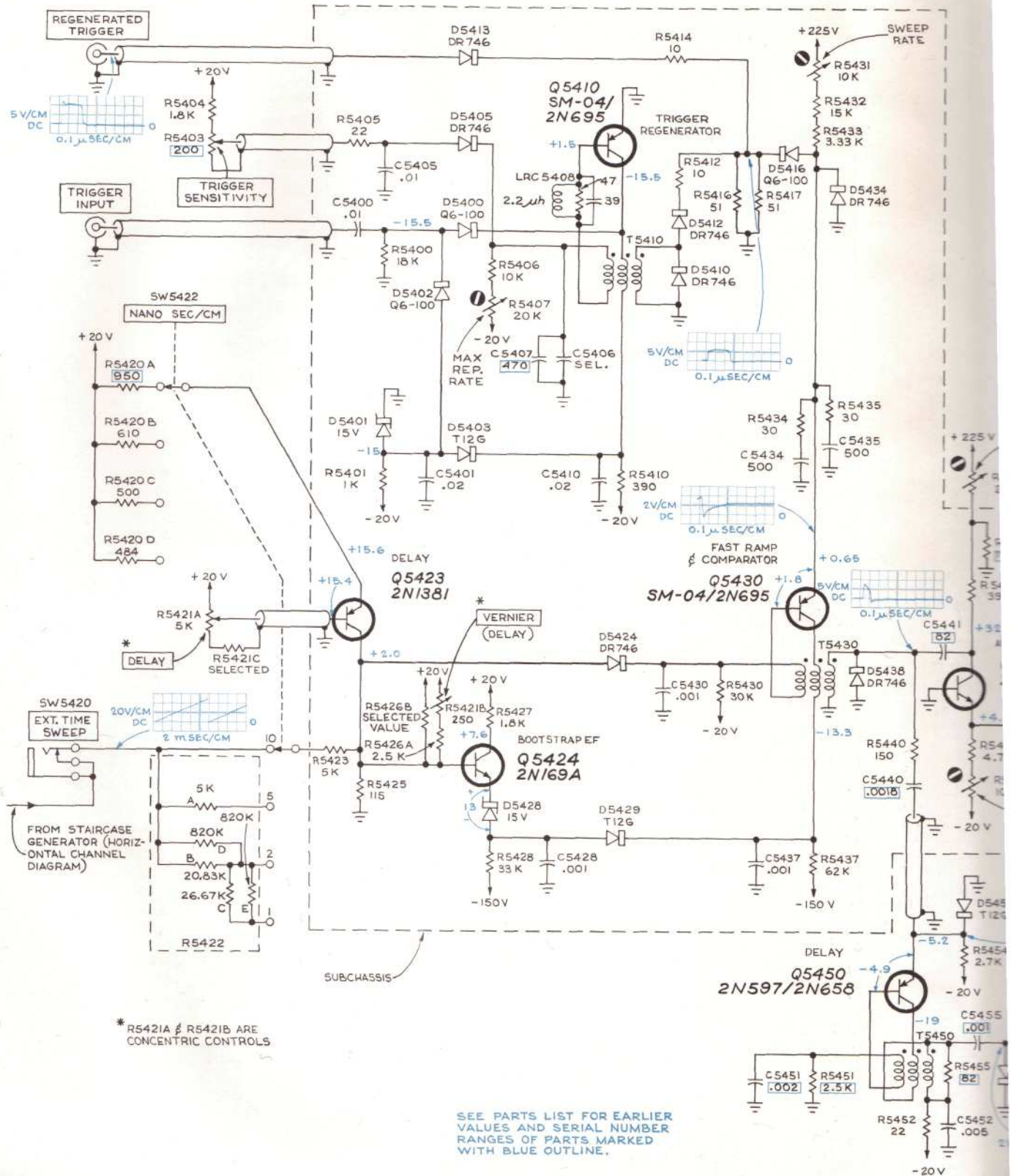


TYPE N PLUG-IN UNIT



MRH  
4-28-60  
BLOCK DIAGRAM



\* R5421A & R5421B ARE CONCENTRIC CONTROLS

SEE PARTS LIST FOR EARLIER VALUES AND SERIAL NUMBER RANGES OF PARTS MARKED WITH BLUE OUTLINE.

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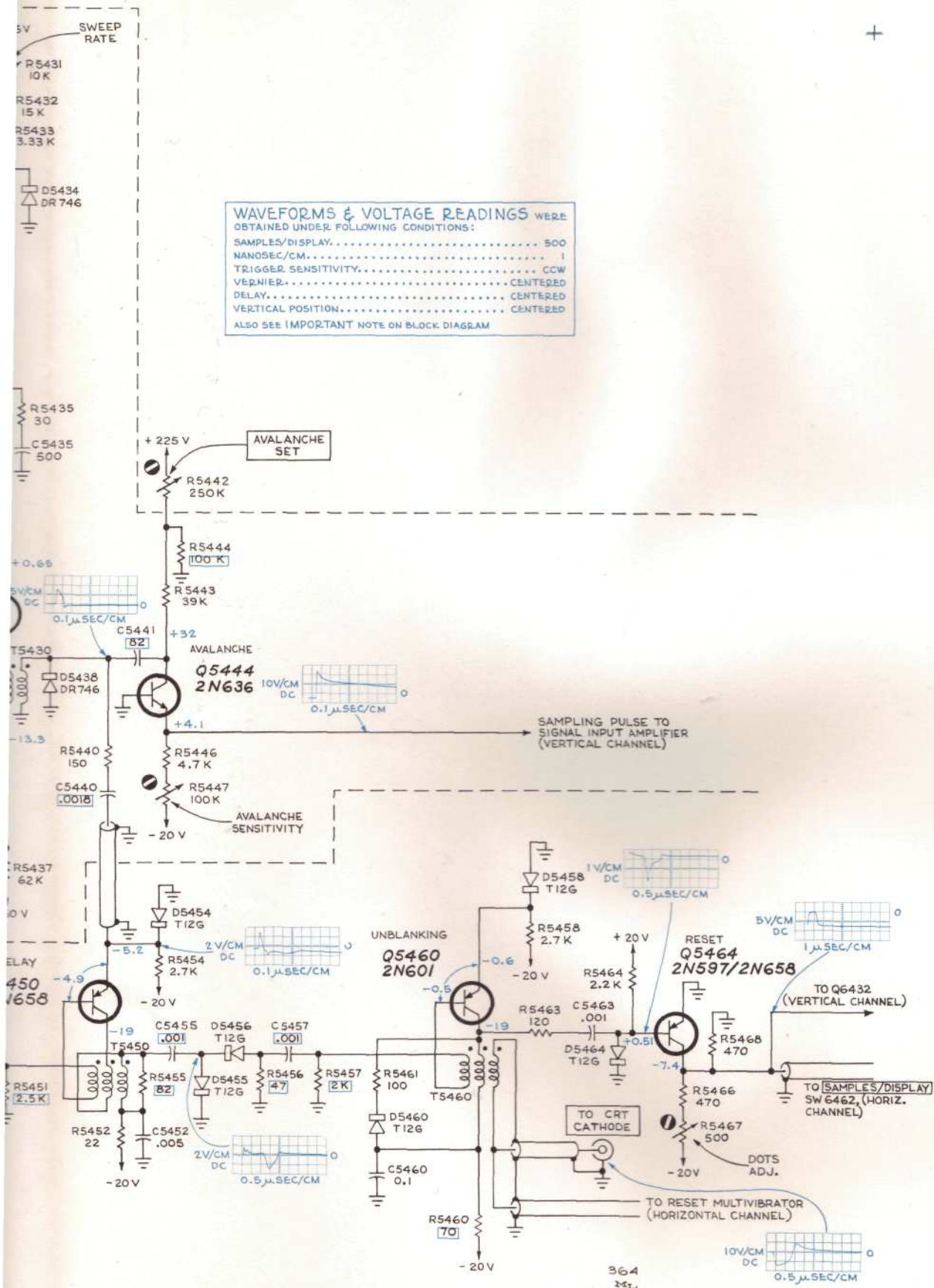
TYPE N PLUG-IN UNIT

H<sub>2</sub>

WAVEFORMS & VOLTAGE READINGS WERE OBTAINED UNDER FOLLOWING CONDITIONS:

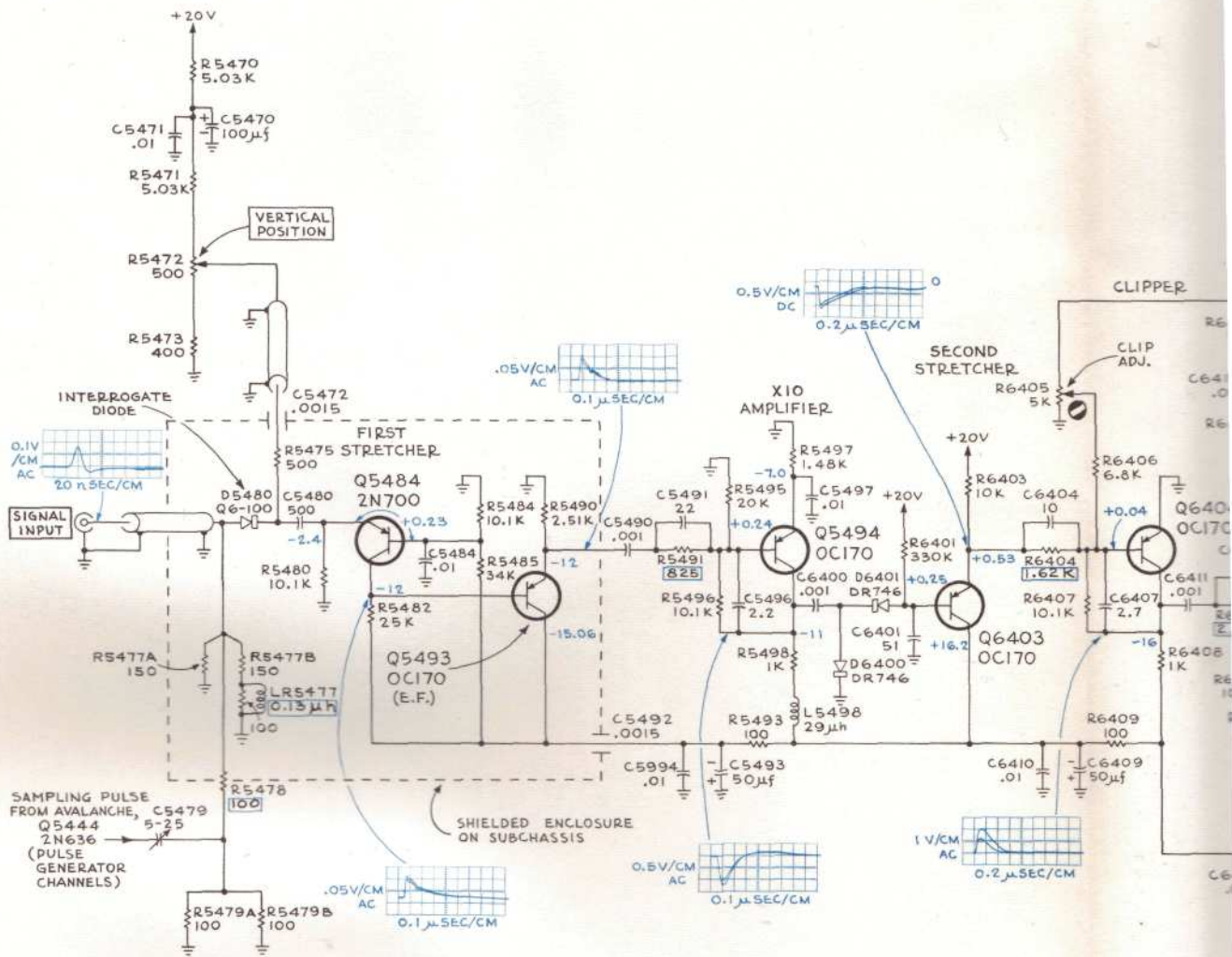
SAMPLES/DISPLAY.....	500
NANOSEC/CM.....	1
TRIGGER SENSITIVITY.....	CMW
VERNIER.....	CENTERED
DELAY.....	CENTERED
VERTICAL POSITION.....	CENTERED

ALSO SEE IMPORTANT NOTE ON BLOCK DIAGRAM



PULSE GENERATION CHANNELS

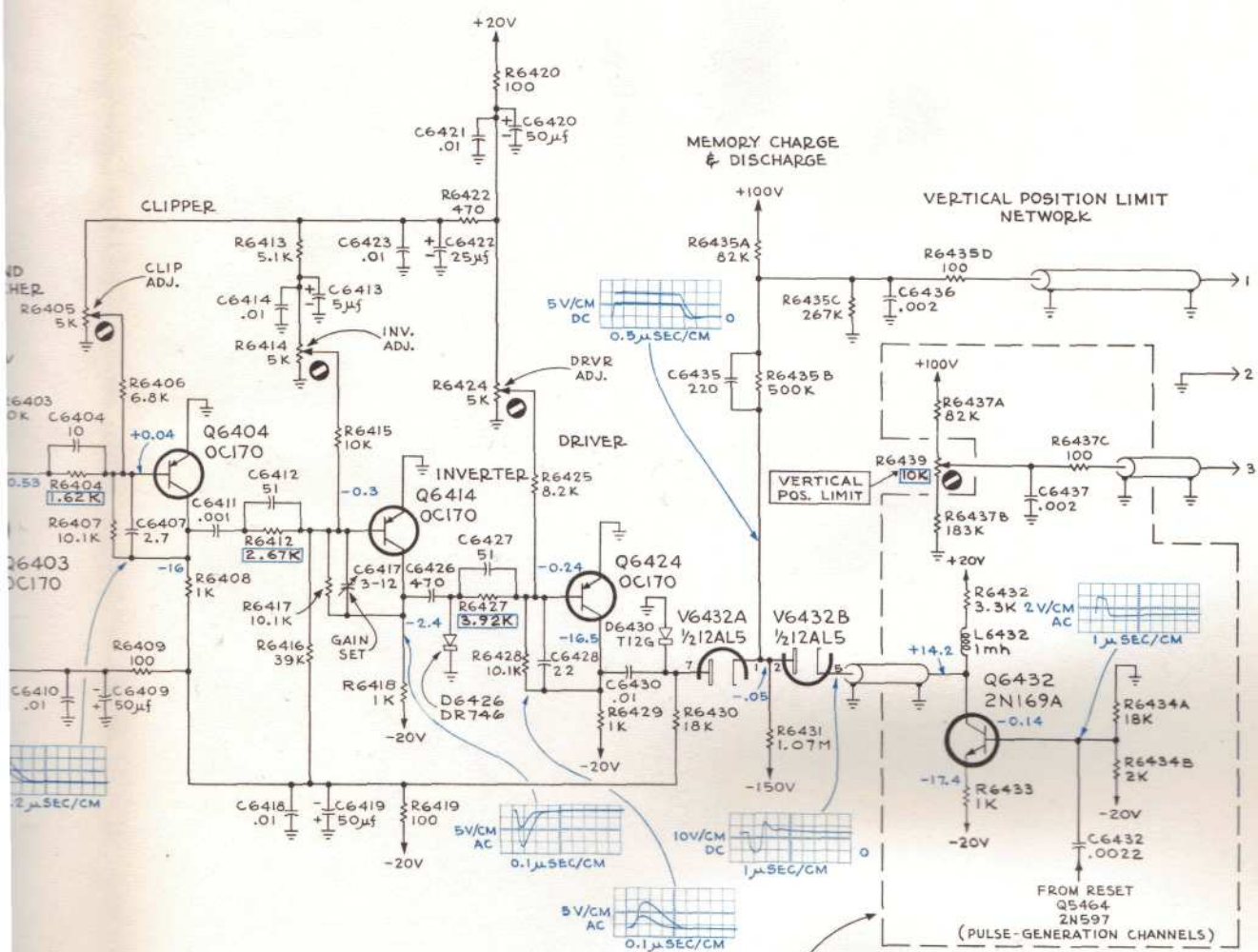
CIRCUIT NUMBERS  
5400 THRU 5469



**WAVEFORMS & VOLTAGE READINGS WERE OBTAINED UNDER FOLLOWING CONDITIONS:**  
 SAMPLES/DISPLAY..... 500  
 NANOSEC/CM..... 5  
 TRIGGER SENSITIVITY..... CCW  
 VERNIER..... CENTERED  
 DELAY..... CENTERED  
 VERTICAL POSITION..... CENTERED  
 ALSO SEE IMPORTANT NOTE ON BLOCK DIAG.

SEE PARTS LIST FOR EARLIER VALUES AND SERIAL NUMBER RANGES OF PARTS MARKED WITH BLUE OUTLINE.

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COMPONENTS SHOWN WITHIN OUTLINE  
ARE LOCATED ON POWER SUPPLY CHASSIS

CIRCUIT NUMBERS  
5470 THRU 6439

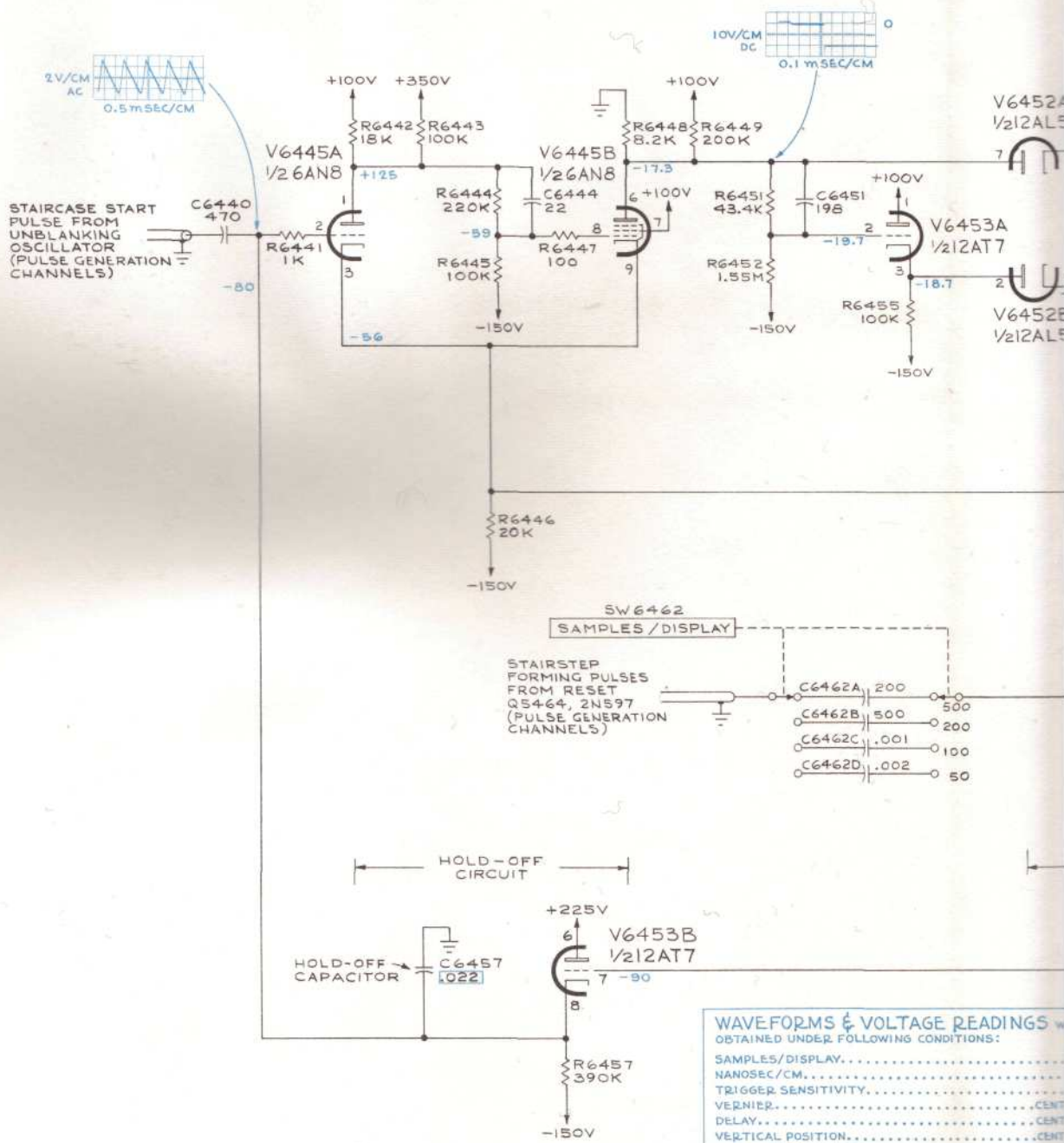
9 8  
3 6 4

VERTICAL CHANNEL

B<sub>4</sub>

VERTICAL CHANNEL

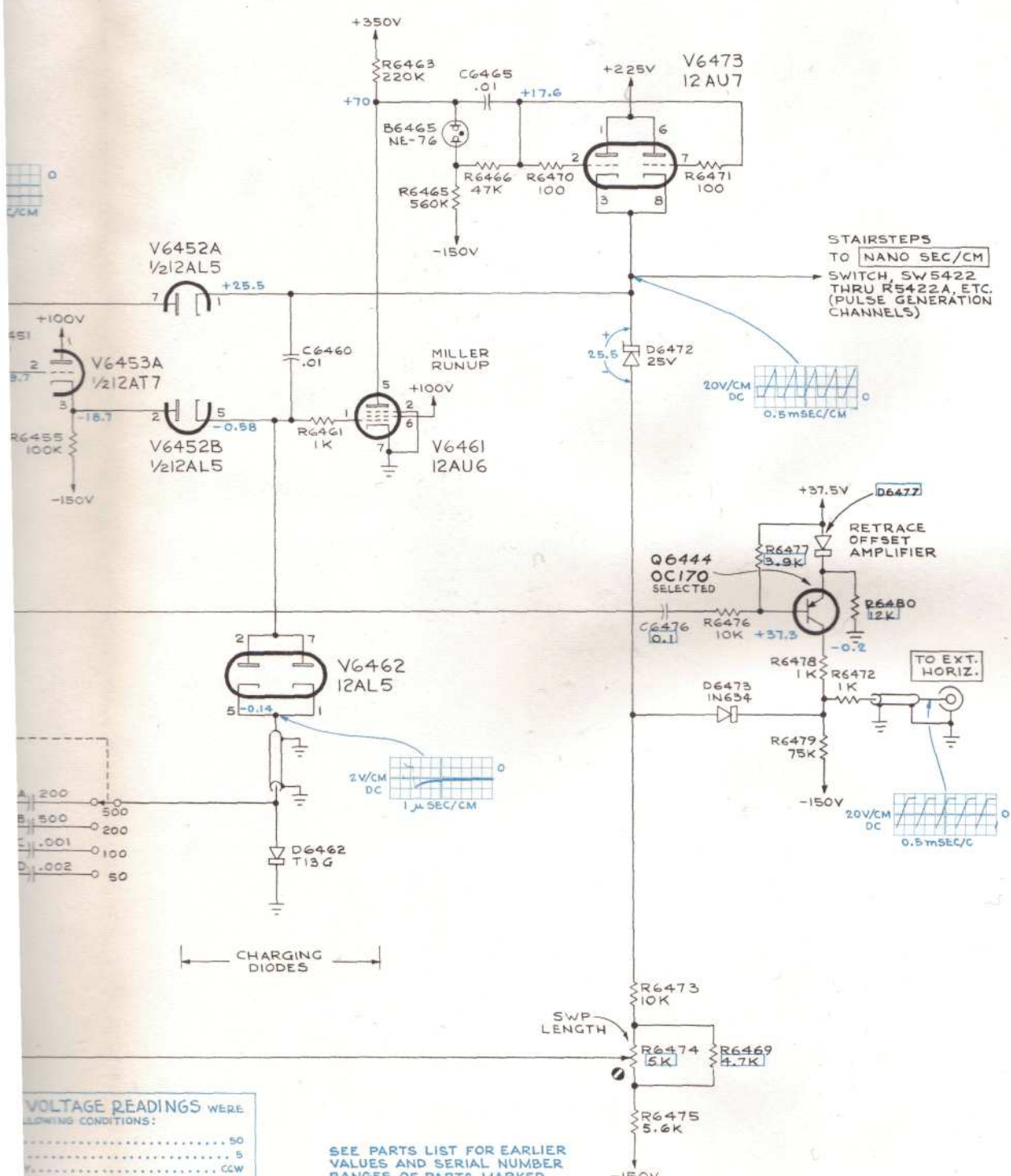
RESET MULTIVIBRATOR      RESET CF      DISCONNECTED



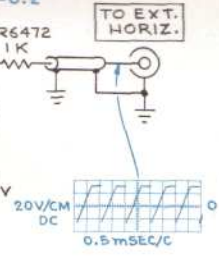
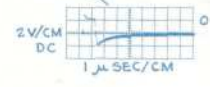
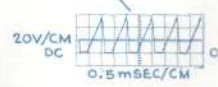
TYPE N PLUG-IN UNIT

D<sub>2</sub>

ET CF — DISCONNECT DIODES — MILLER INTEGRATOR CIRCUIT (STAIRCASE GENERATOR) —



STAIRSTEPS TO NANO SEC/CM SWITCH, SW5422 THRU R5422A, ETC. (PULSE GENERATION CHANNELS)



VOLTAGE READINGS WERE FOLLOWING CONDITIONS:  
 ..... 50  
 ..... 5  
 ..... CCW  
 ..... CENTERED  
 ..... CENTERED  
 ..... CENTERED  
 SEE SW BLOCK DIAGRAM

SEE PARTS LIST FOR EARLIER VALUES AND SERIAL NUMBER RANGES OF PARTS MARKED WITH BLUE OUTLINE.

MRH  
364

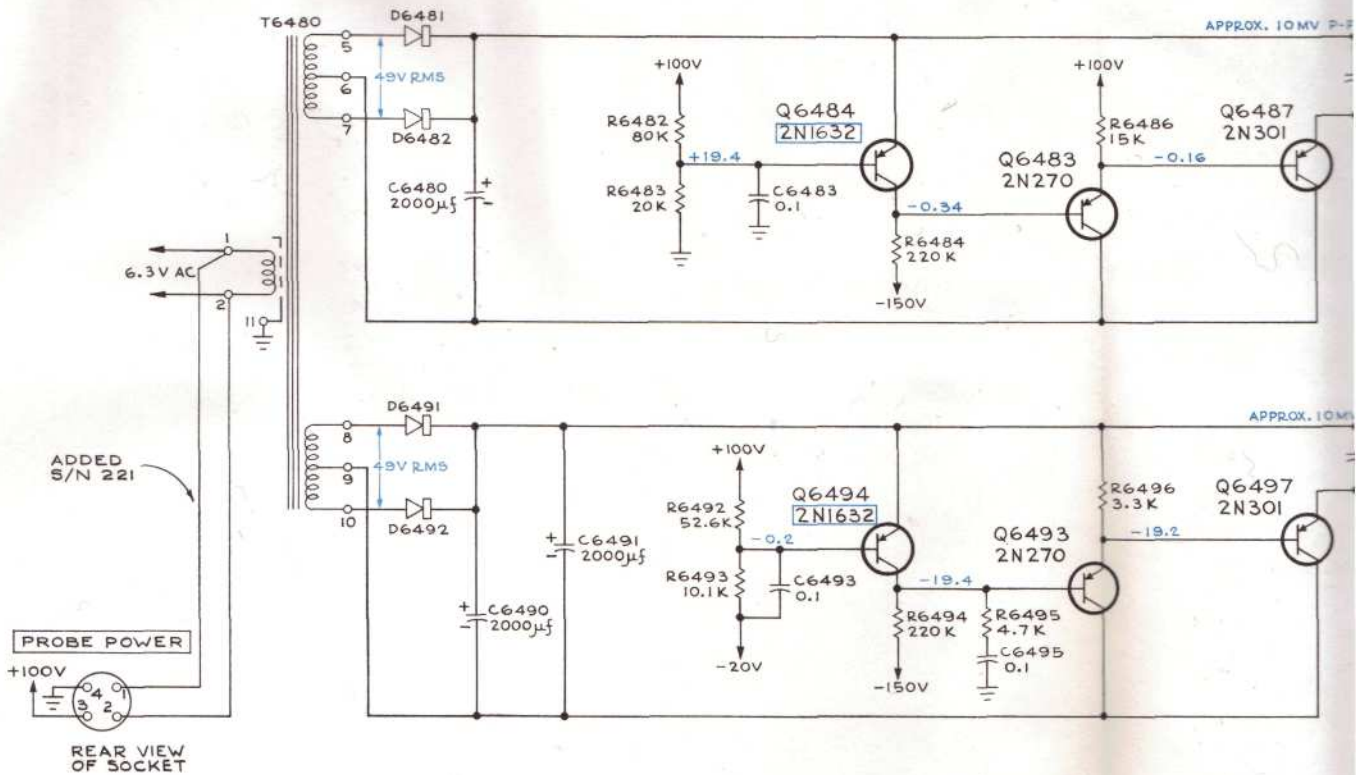
HORIZONTAL CHANNEL

CIRCUIT NUMBERS 6440 THRU 6479

D<sub>2</sub>

HORIZONTAL CHANNEL





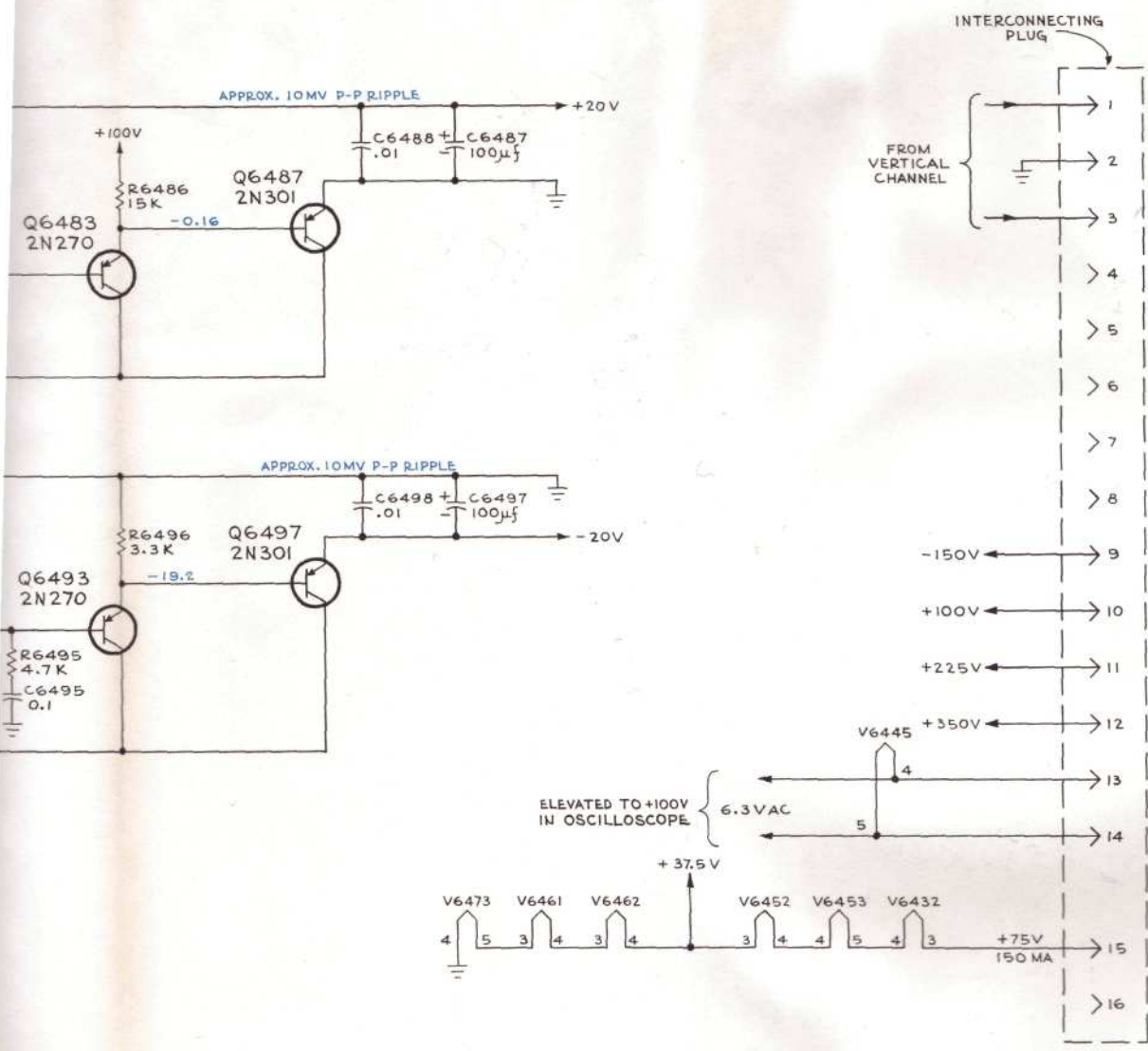
VOLTAGE READINGS WERE OBTAINED UNDER FOLLOWING CONDITIONS:  
 REGENERATED TRIGGER INPUT... NO SIGNAL  
 SIGNAL INPUT..... EXT. 50Ω TERMINATION  
 TRIGGER SENSITIVITY.....CCW  
 ALSO SEE IMPORTANT NOTE ON BLOCK DIAGRAM

SEE PARTS LIST FOR EARLIER VALUES AND SERIAL NUMBER RANGES OF PARTS MARKED WITH BLUE OUTLINE.

TYPE N PLUG-IN UNIT

C4

+



CIRCUIT NUMBERS  
6480 THRU 6497

POWER SUPPLY

C<sub>A</sub>