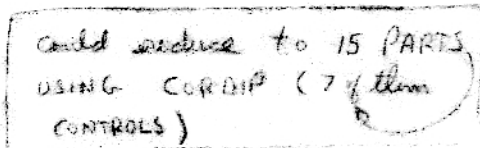


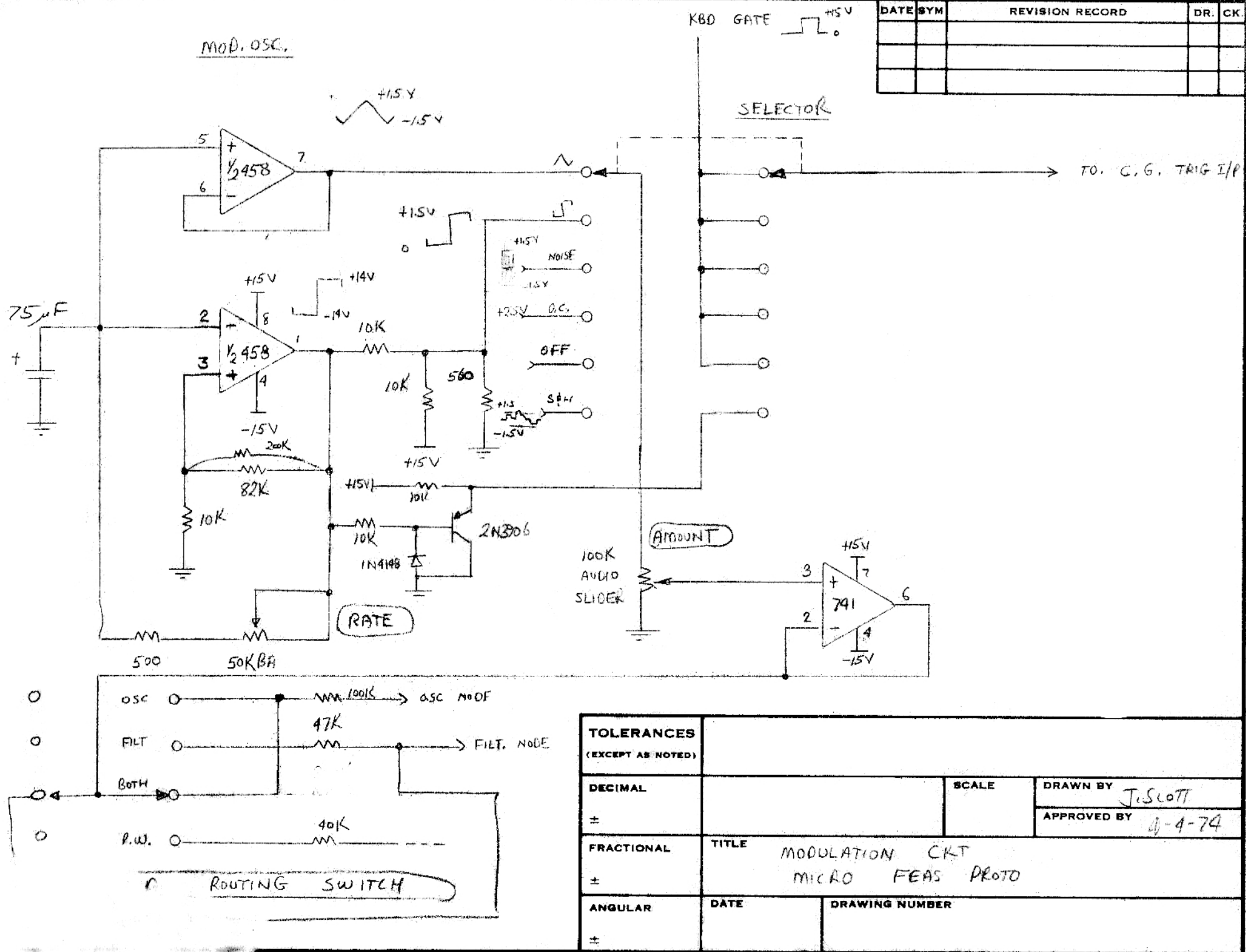
This schematic and layout is for the original hand-built micro-moog (since destroyed in Van Koverings' infamous fire). This is the instrument with the typewriter keys which I carried to Chicago on my lap (no box) to present to Norlin. Roger Powell was the musician present at this session. He played it briefly, said it would be fine if it had a real key board. The concept was approved (was it on the spot?) and the project got real.

Jim Scott
4 Nov. 96

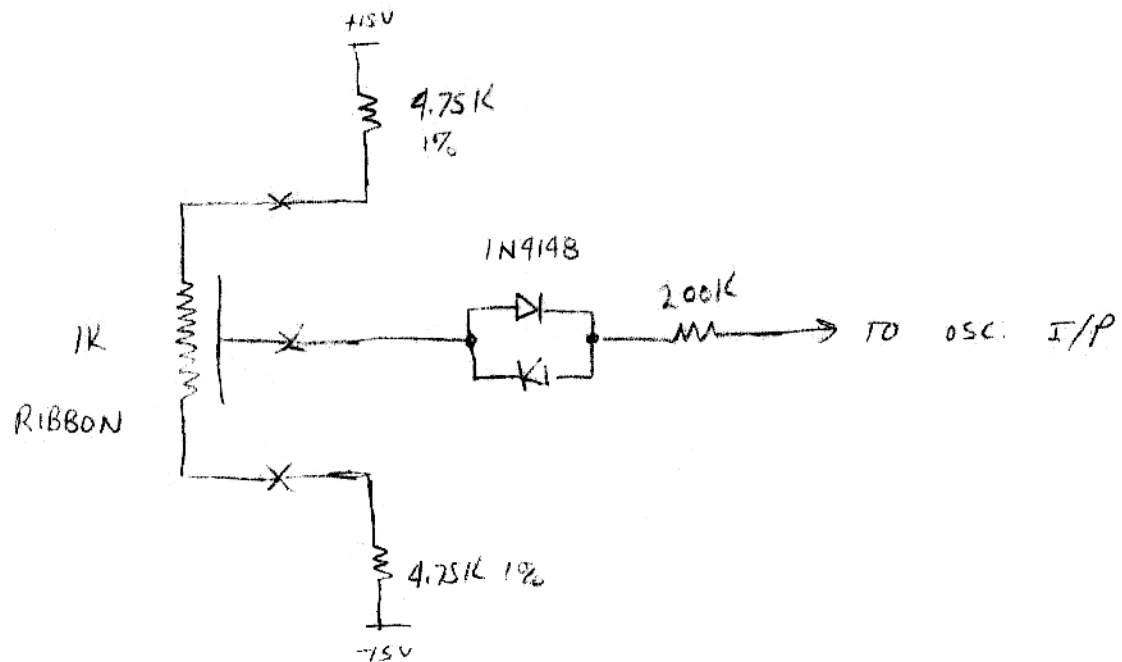
to FILTER

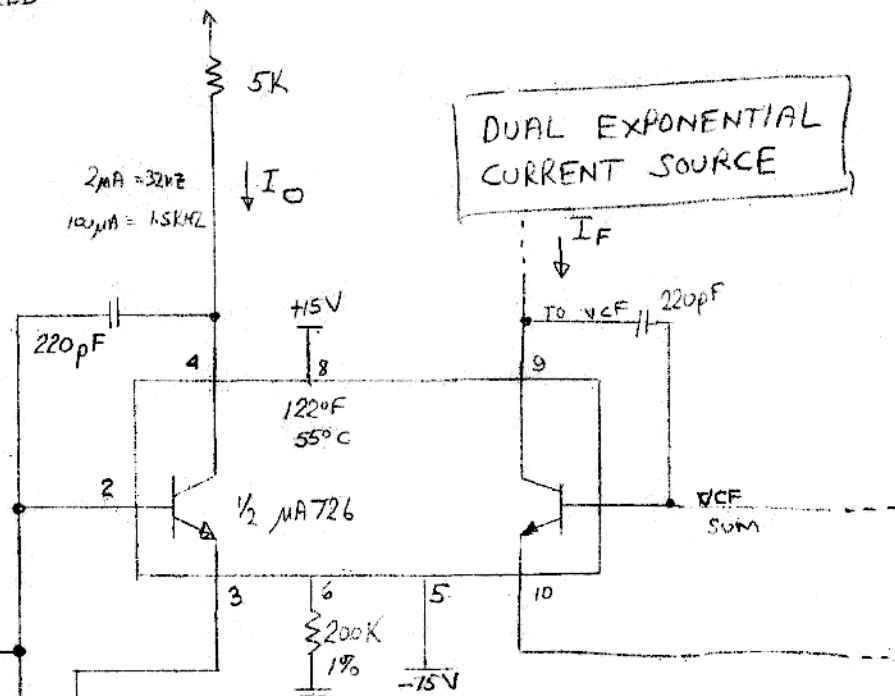
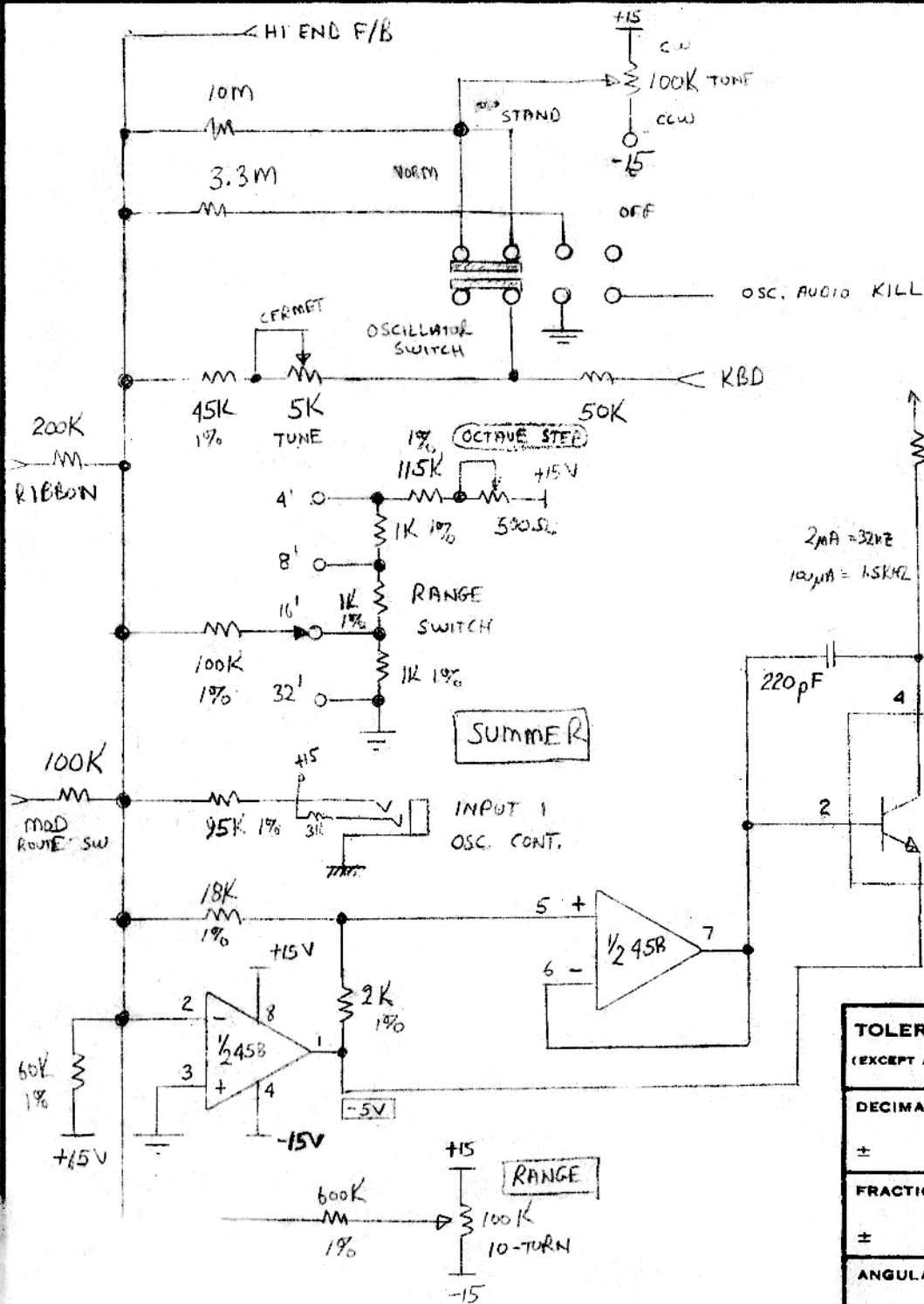
REV. ATTN.





MICRO-RIBBON
4-6-74





DATE	SYM	REVISION RECORD	DR.	CK.

TOLERANCES
(EXCEPT AS NOTED)

DECIMAL

±

FRACTIONAL

±

ANGULAR

±

SCALE

DRAWN BY 4-29-74

APPROVED BY J.S.

TITLE
B-MODEL MICRDM006 FEAS. PROTO
OSCILLATOR CONTROL

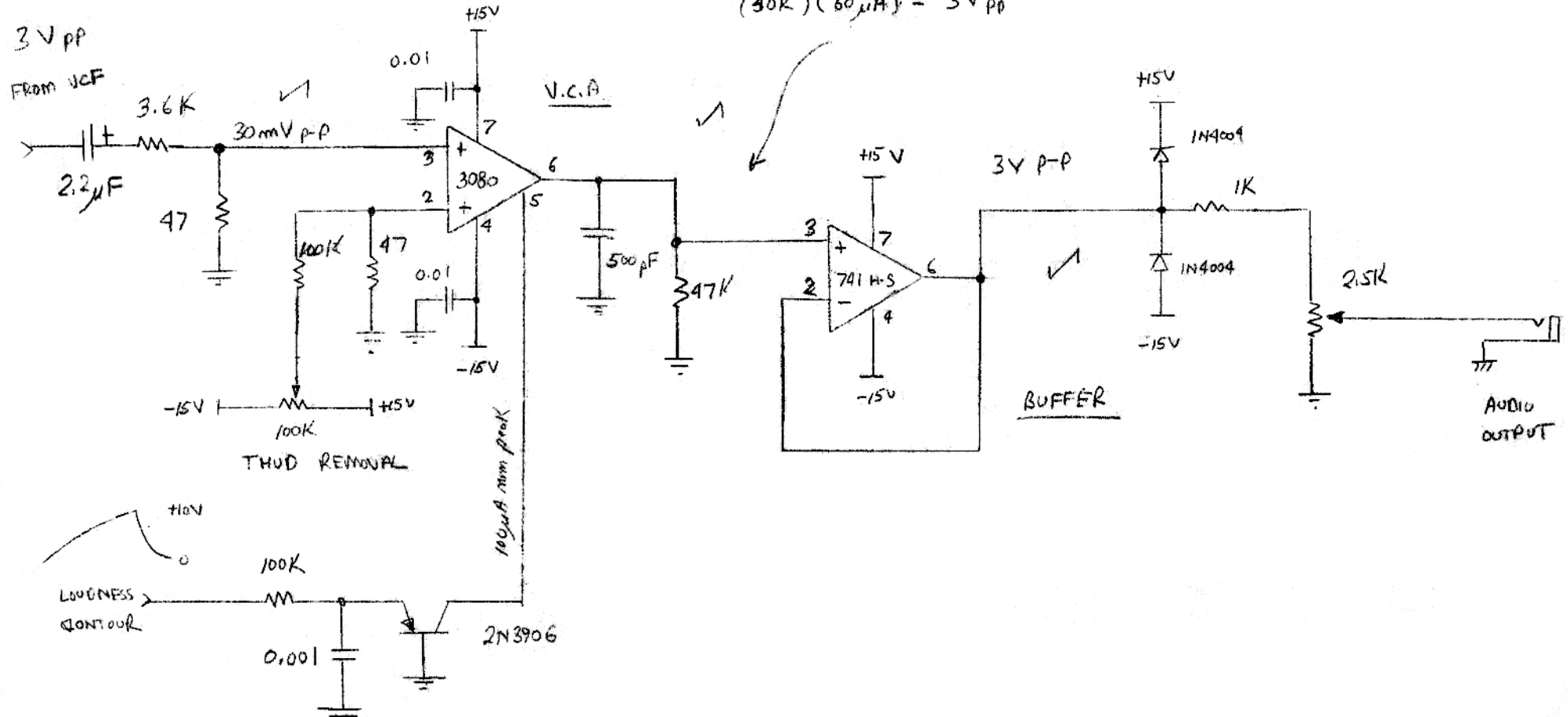
DATE

DRAWING NUMBER

DATE	SYM

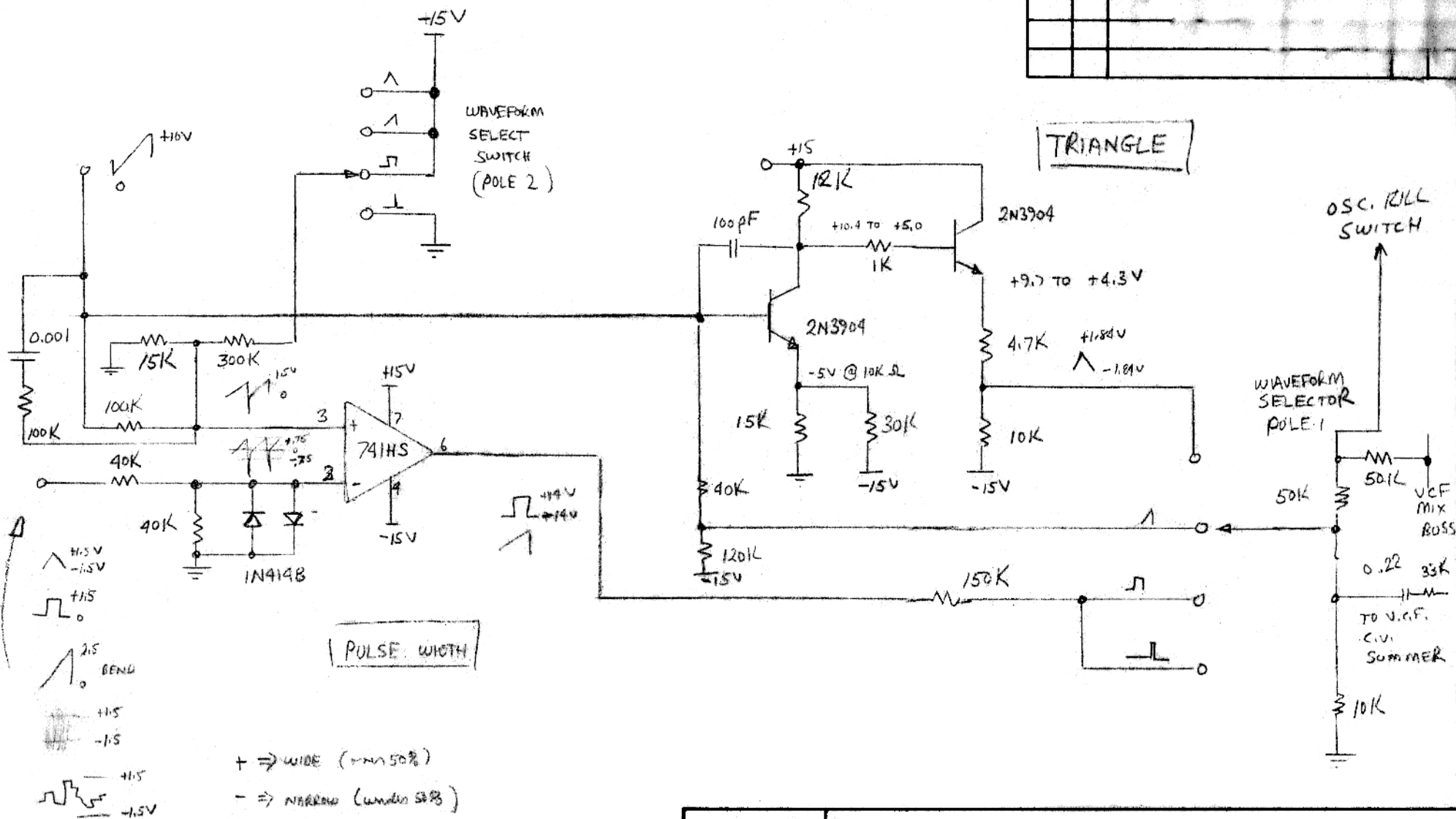
$$g_m = \frac{0.02 \mu A / mV}{\mu A \text{ BIAS}} \Rightarrow \hat{g}_m = \frac{2 \mu A}{mV} \Rightarrow I_{D-P-P} = 60 \mu A$$

$$(50K)(60 \mu A) = 3V_{P-P}$$



TOLERANCES (EXCEPT AS NOTED)			
DECIMAL		SCALE	DRAWN BY J. SCOTT
$\pm$			APPROVED BY 4-31-74
FRACTIONAL	TITLE MICRO- FEAS. PROTOTYPE V.C.A.		
$\pm$			
ANGULAR	DATE	DRAWING NUMBER	
$\pm$			

DATE BYM

TOLERANCES
(EXCEPT AS NOTED)

DECIMAL

 $\pm$

FRACTIONAL

 $\pm$

ANGULAR

 $\pm$

SCALE

DRAWN BY

APPROVED BY

TITLE

DATE

DRAWING NUMBER

4-29-74

MICRO-B WAVESHAPERS

FEAS. PROTO

OSC. KILL
SWITCHWAVEFORM
SELECTOR
POLE 1VCF
MIX
BUSS0.22 33K
TO V.C.F.
C.V.
SUMMER

10K

TRIANGLE

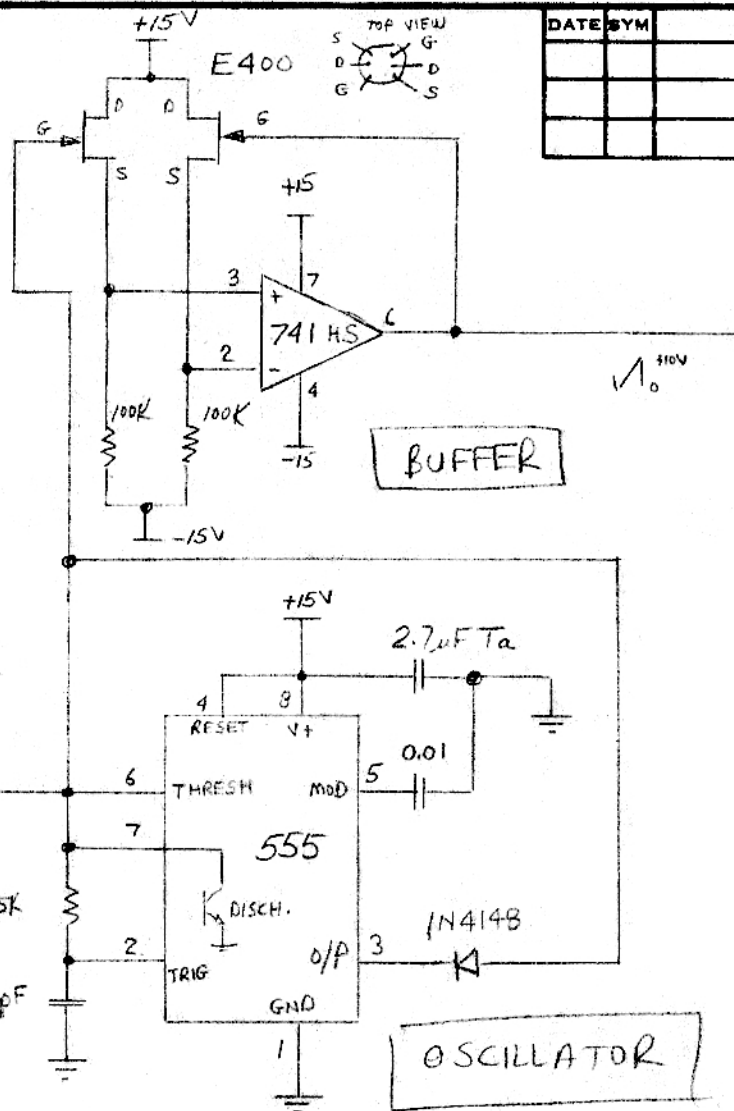
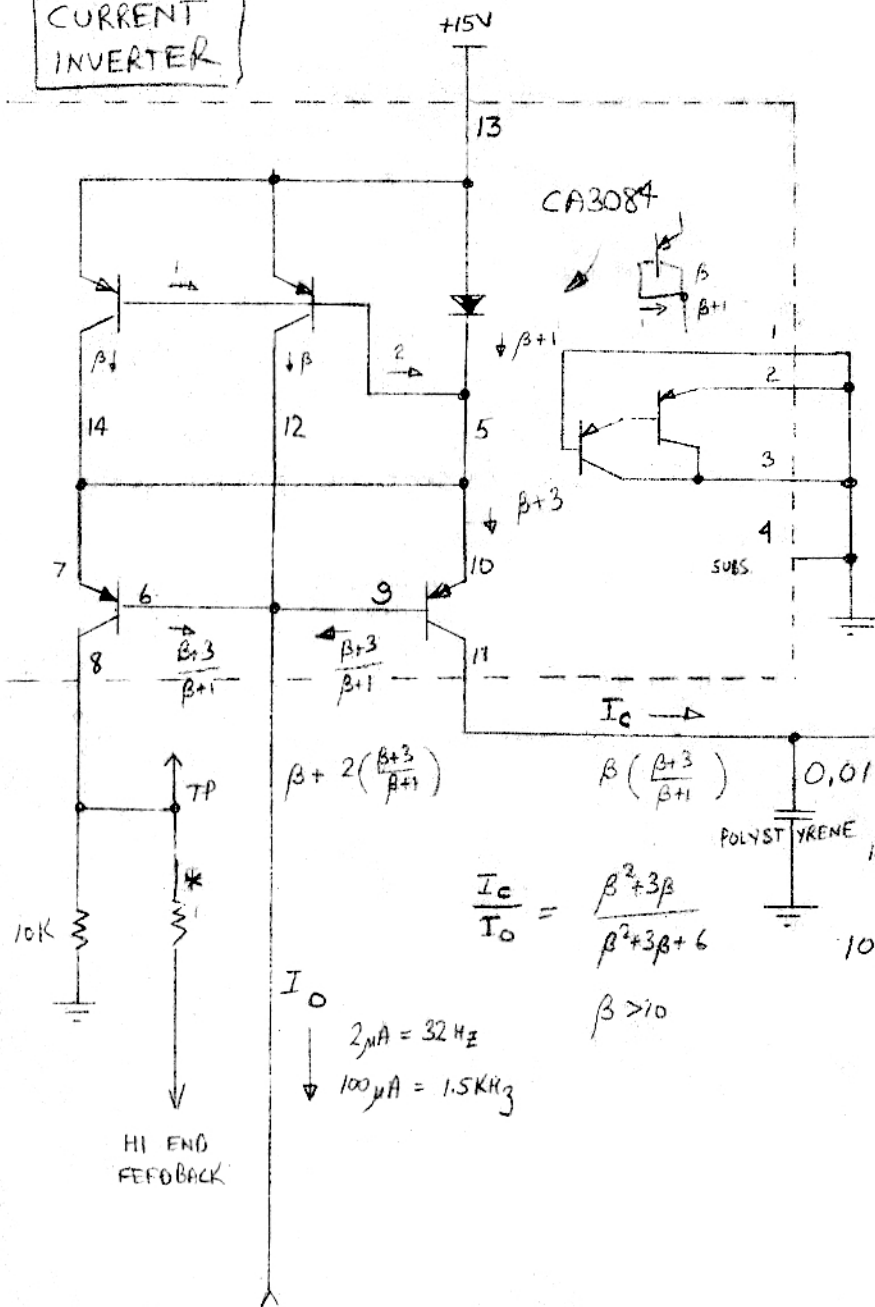
WAVEFORM
SELECT
SWITCH
(POLE 2)

PULSE WIDTH

$\triangle$ $\Rightarrow$ WIDE (min 50%)

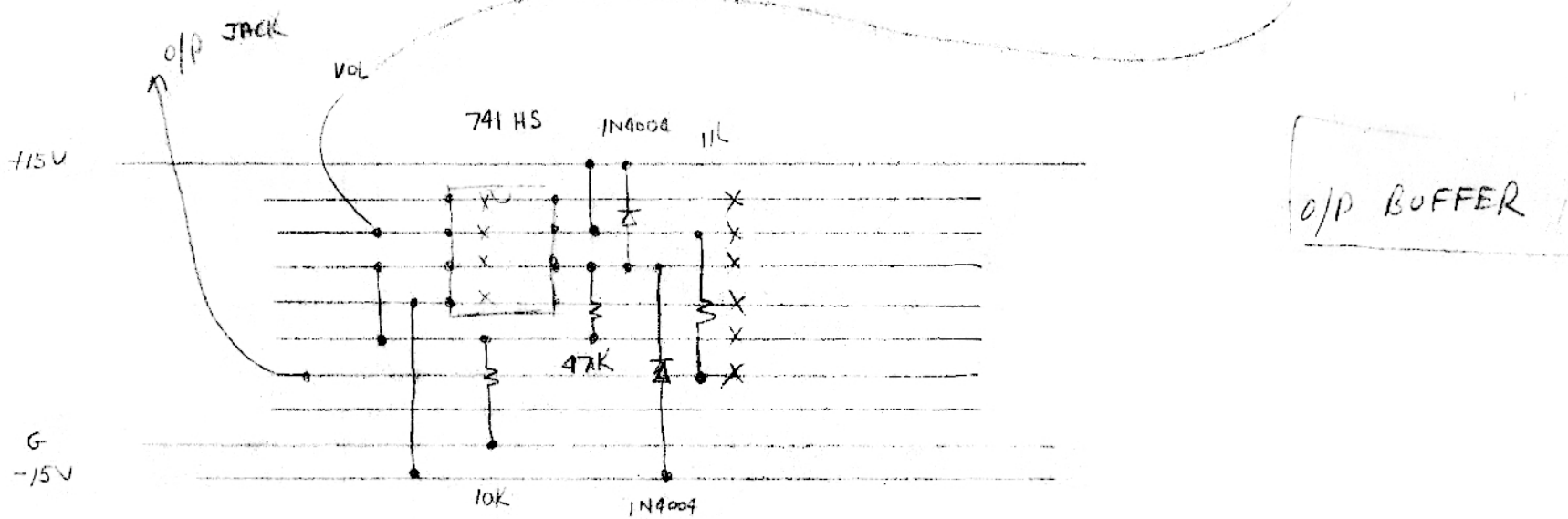
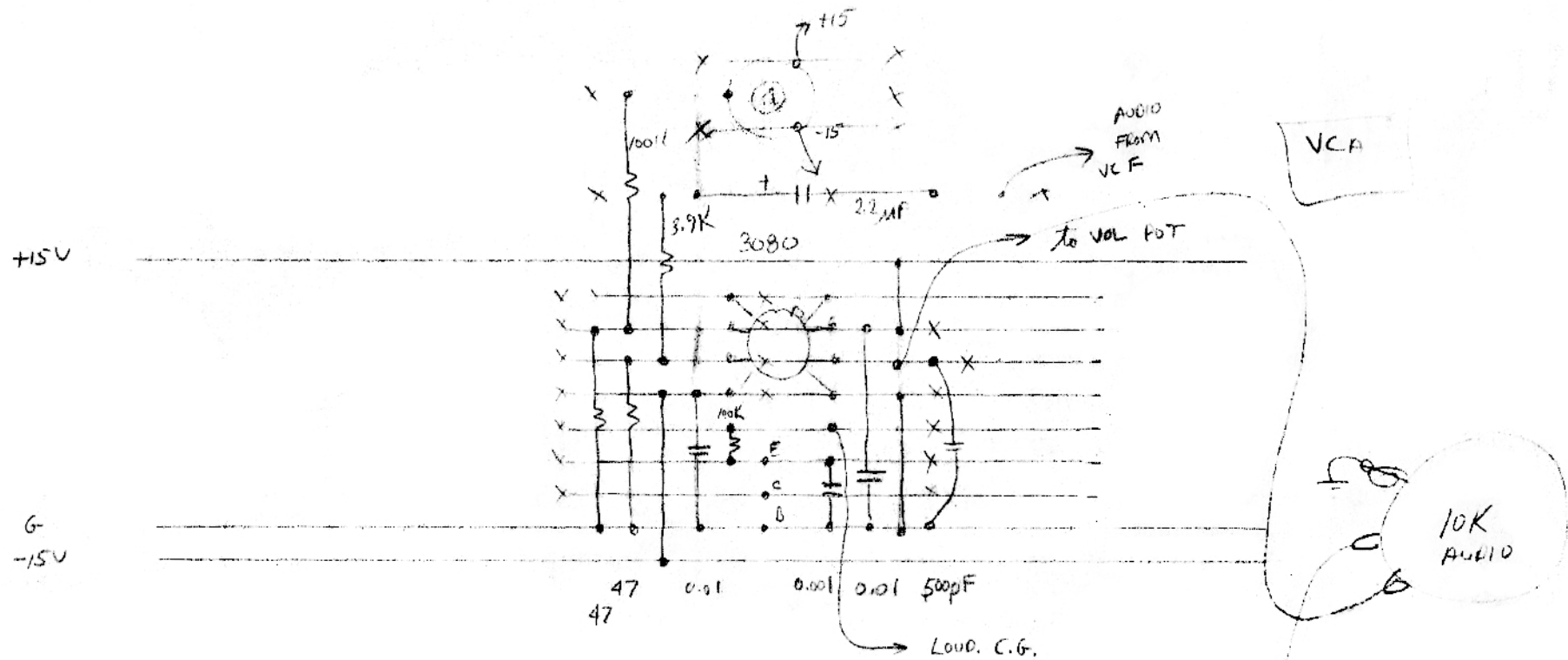
$\square$ $\Rightarrow$ NARROW (within 50%)

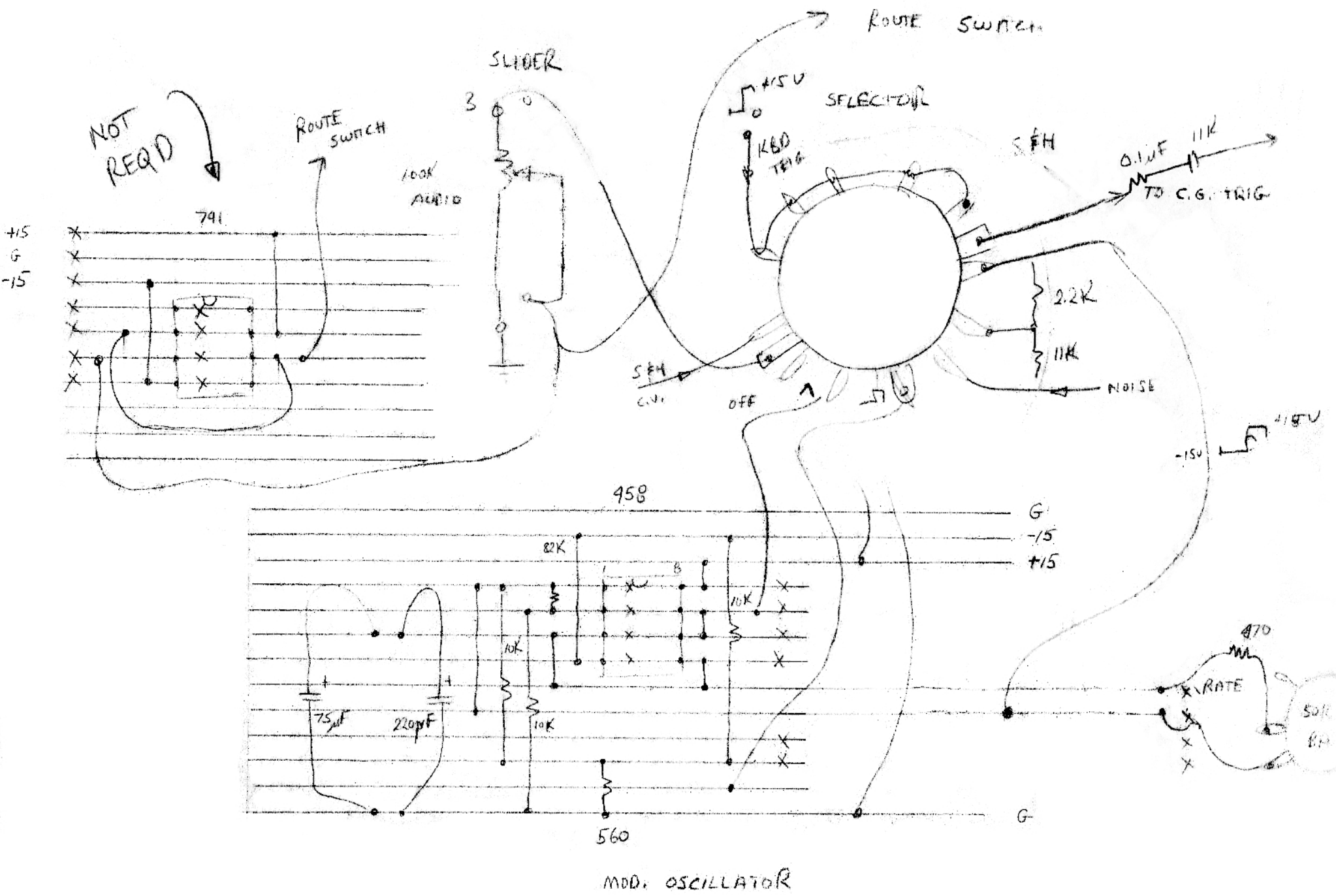
CURRENT INVERTER



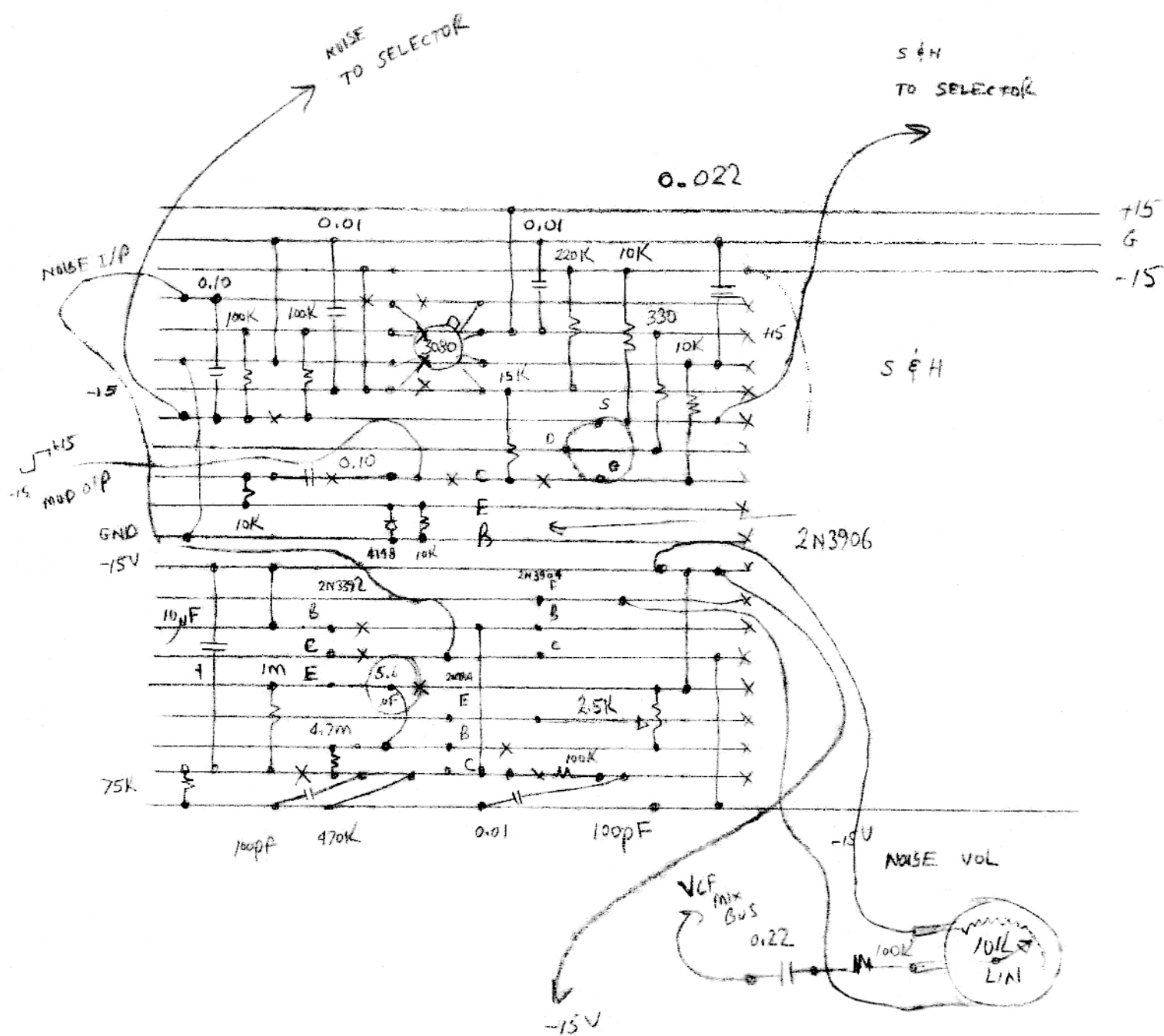
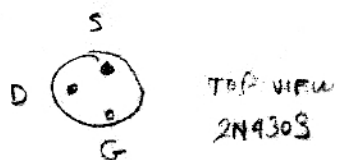
DATE	SYM	REVISION RECORD	DR.	CK.

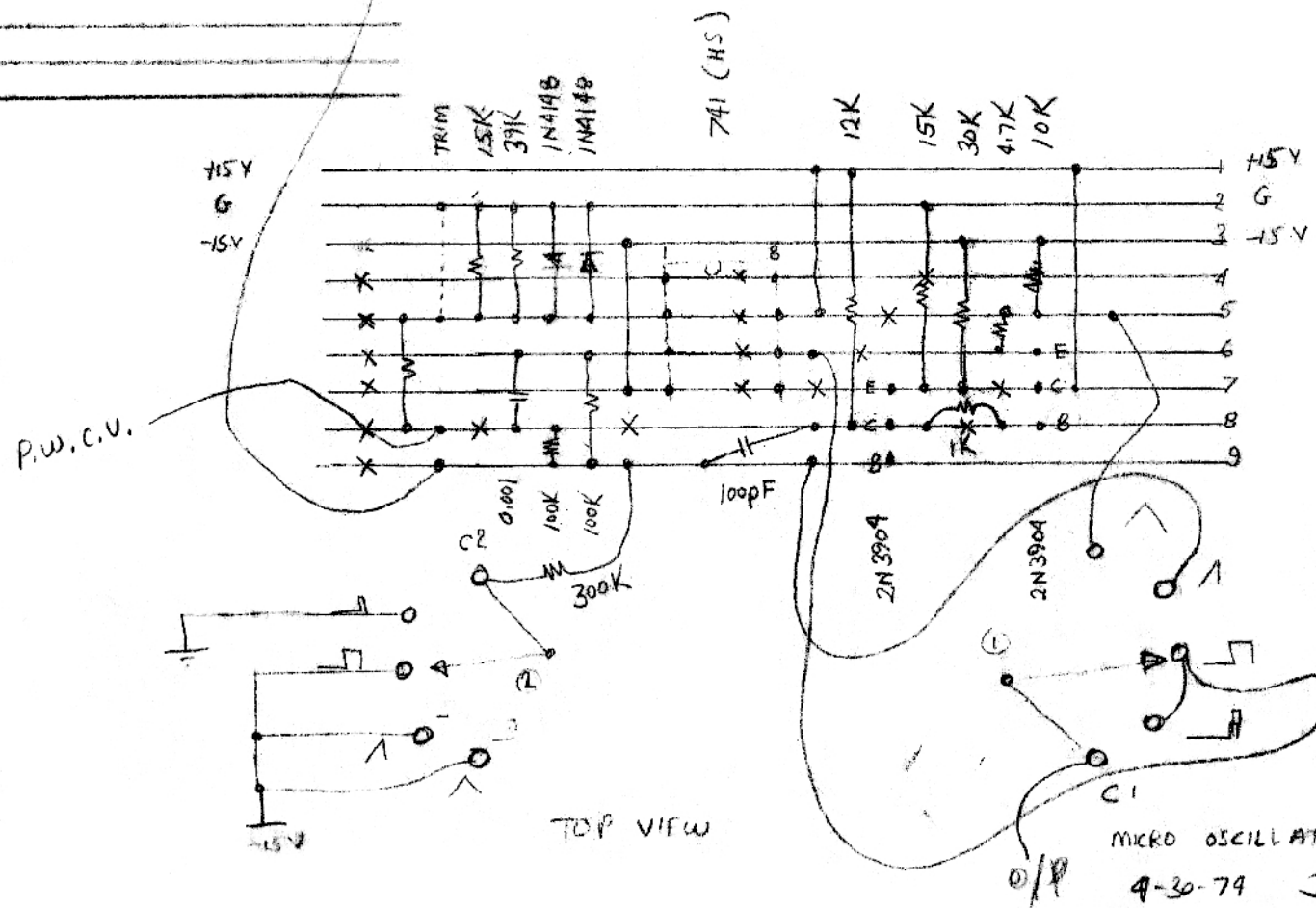
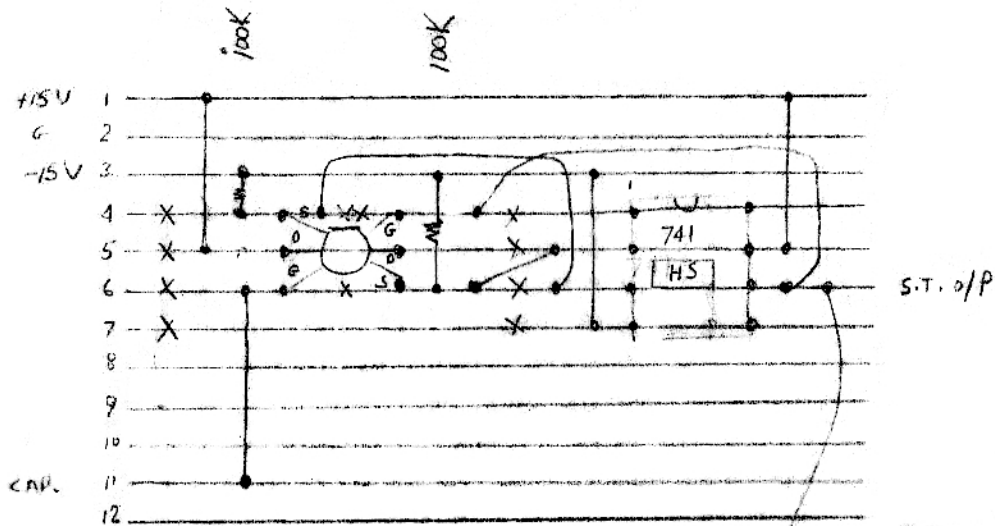
TOLERANCES (EXCEPT AS NOTED)			
DECIMAL ±		SCALE	DRAWN BY J. SCOTT APPROVED BY 4-30-74
FRACTIONAL ±	TITLE MICROMOOG B-MODEL FEAS. PROTO. OSCILLATOR		
ANGULAR ±	DATE	DRAWING NUMBER	





4-5-74





MICRO - FEAS
 4-31-74
 FILTER C.V. SUMMER

